2024 PERIODIC REVIEW REPORT

for

STANDARD MOTOR PRODUCTS, INC.
Long Island City, New York
NYSDEC BCP Site No. 241016

Prepared For:

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ACRONYMS

AS	air sparging
AWS	air/water separator
bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, and xylenes
CDM Smith	CDM Smith, Inc.
COC	certificate of completion
cfm	cubic feet per minute
CVOC	chlorinated volatile organic compound
DCA	dichloroethane
DCE	dichloroethene
DER	NYSDEC Division of Environmental Remediation
EC	Engineering Control
ELAP	Environmental Laboratory Approval Program
EDD	Electronic Data Deliverable
FSP	Field Sampling Plan
GAC	granulated activated carbon
GZA	Goldberg-Zoino Associates of New York P.C. - d/b/a GZA GeoEnvironmental of New York
IC	Institutional Control
IRM	interim remedial measure
IWC	inches water column
LPGAC	liquid-phase granular activated carbon
MS/MSD	matrix spike/matrix spike duplicate
LTM	Long Term Monitoring
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health

ACRONYMS (CONTINUED)

O&M	operations and maintenance
OM&M	operations, maintenance, and monitoring
PCE	tetrachloroethene
PDB	passive diffusion bag
PID	photoionization detector
PLC	programmable logic controller
PRR	Periodic Review Report
QA/QC	Quality Assurance/Quality Control
QAPP	Quality Assurance Project Plan
RI	remedial investigation
ROD	record of decision
ROI	radius of influence
RSR	Rebound Study Report
SMP	Standard Motor Products, Inc.
SSDS	sub-slab depressurization system
SVE	soil vapor extraction
TCA	trichloroethene
TCE	trichloroethene
µg/l	micrograms per liter
µg/m3	micrograms per meters cubed
USEPA	United States Environmental Protection Agency
VC	vinyl chloride
VOC	volatile organic compound
VPGAC	vapor-phase granular activated carbon

1.0 INTRODUCTION

On behalf of Standard Motor Products, Inc. (SMP), Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) prepared this 2024 Periodic Review Report (PRR) for the property located at 37-18 Northern Boulevard in Long Island City, New York (herein referred to as the "Site"). This 2024 PRR has been developed in accordance with the Order on Consent and Administrative Settlement (Index No. R2-0637-04-10) between the New York State Department of Environmental Conservation (NYSDEC) and SMP, which was executed on March 12, 2010. The Order on Consent stipulated requirements for the development of a PRR for the Site. This PRR was also prepared in general accordance with the New York State Environmental Conservation Law, and New York State guidance entitled *DER-10 Technical Guidance for Site Investigation and Remediation*, dated May 3, 2010 (NYSDEC 2010), effective in June 2010 and revised in April 2019.

The vapor concentrations identified during the remedial investigation (RI) under the building slab were compared to New York State Department of Health (NYSDOH) Decision Matrix, based upon the evaluation an Interim Remedial Measure (IRM) was implemented in 2009 at the Site. The IRM consists of a sub-slab depressurization system (SSDS), which was completed in September of 2009, with continuous operation initiated on December 7, 2009. The system is currently operating as specified in the Final Interim Remedial Measure Work Plan (CDM 2009b). In March 2009, the NYSDEC issued a Record of Decision (ROD) selecting the continuation of the operation, maintenance, and monitoring of the IRM (NYSDEC 2009) as a component of the remedy for the Site. This measure was supplemented with a second remedial component consisting of the installation of an Air Sparging/Soil Vapor Extraction (AS/SVE) system designed to treat the contaminated groundwater and capture the associated contaminant vapors from groundwater sparging.

The AS/SVE system installation was completed in August 2013, with continuous operation initiated on August 23, 2013, until October 28, 2020. At that time, in accordance with the NYSDEC-approved July 14, 2020 AS/SVE Evaluation Study Workplan, Goldberg-Zoino Associates of New York P.C. d/b/a GZA GeoEnvironmental of New York (GZA) shut down the AS/SVE system to assess rebound in the groundwater concentrations. In November 2020, GZA collected baseline groundwater and soil vapor samples from the treatment area to establish initial site conditions. Groundwater sampling results for the eight quarters spanning November 2020 through November 2022 were summarized in the 2022 PRR and Rebound Study Report (RSR), which was approved by NYSDEC on November 13, 2024.

As approval for the 2022 PRR and RSR remained pending, quarterly sampling events continued from November 2022 through November 2024 to ensure ongoing monitoring and data collection during the interim period. The sampling and monitoring were conducted in accordance with the

2020 AS/SVE Evaluation Study Workplan. Additionally, the consultancy for the Site transitioned from GZA to Langan in September 2024.

The purpose of this 2024 PRR is to document the performance of the SSDS and rebound of contaminants in groundwater and soil vapor from January 1, 2024 through December 31, 2024. This PRR summarizes the analytical results and findings from the groundwater and soil vapor sampling events conducted in February, May, August, and November 2024.

1.1 Site Background and Remedial Summary

The SMP property is located in the northwestern section of Queens County, New York; has a street address of 37-18 Northern Boulevard in Long Island City, New York (**Figures 1 and 2**); was owned and operated by SMP until March 2008; is located in an urban and industrial area; is rectangular in shape; occupies approximately one acre of land; and contains a large, six-story, industrial building with approximately 42,000 square feet per floor. The building occupies most of the property and houses commercial tenants on all six floors as well as in the basement. A narrow strip of land on the south side of the property contains a concrete loading dock and access for service and emergency vehicles. A fence separates the south yard area from a rail yard, located further south of the Site. The Site layout is shown in **Figure 3**.

According to historical Sanborn fire insurance rate maps, the subject building was constructed between 1919 and 1925, and has been utilized for industrial and manufacturing purposes since it was built. Starting in the mid-1900s, SMP has occupied the on-Site building. Until March 2008, SMP produced automobile parts and components in the basement of the Long Island City facility. The manufacturing operations included metal fabrication and machining, plastic injection molding, and assembly.

Previous Site investigation activities were performed in four stages, Phases I through IV. These investigation phases evaluated soil, groundwater, indoor air, sub-slab vapor, and soil gas. Results from the investigations identified chlorinated volatile organic compound (CVOC) contamination in the groundwater and soil vapor beneath the Site. Benzene, toluene, ethylbenzene, and xylene (BTEX) contamination were also identified in the upgradient groundwater. The BTEX contamination is not related to operations at the Site and is likely part of a plume originating from the gasoline service station immediately to the east of the Site (NYSDEC Spill #95-00846). The location of Site groundwater contamination in excess of remedial objectives in 2010 is depicted in **Figure 4**, which identified groundwater volatile organic compound (VOC) exceedances found in direct push samples collected during the Remedial Investigation (RI) Phase IV sampling event. The general groundwater flow direction in 2010 and 2024 are depicted on **Figures 5** and **6**, respectively. **Figure 5** also depicts groundwater contaminant concentrations from monitoring performed in 2010. The groundwater flow direction identified during the RI Phase- IV sampling event and in 2024 are consistent with regional groundwater flow to the west. The location of soil

vapor contamination on-Site in 2010 is depicted in **Figure 7**, which identifies soil vapor VOC concentrations in soil gas, sub-slab, and indoor air sampled during the RI Phase IV sampling event.

Detailed descriptions of the Site history and previous investigations are included in the RI Report for SMP, Final Comprehensive Remedial Investigation Report, Standard Motor Products, Inc. Site (Site No. 2-41-016), dated February 6, 2009 (CDM 2009a).

1.2 Remedial Program

An IRM was implemented to mitigate vapor concentrations detected under the basement floor slab which triggered the NYSDOH criteria set in the Decision Matrix for indoor air. The IRM consists of the installation and operation of an SSDS to create a negative pressure differential across the building slab. Vapors migrate toward the low-pressure areas created by SSDS operation and therefore eliminate vapor intrusion pathways. Construction of the SSDS was completed in September of 2009, and continuous operation was initiated on December 7, 2009. The system is currently operating as specified in the Final Interim Remedial Measure Work Plan (CDM 2009b).

In March 2009, the NYSDEC issued a ROD providing for the continued operation, maintenance, and monitoring of the IRM. The remedial goals as specified in the March 2009 ROD are to eliminate or reduce to the extent practicable:

- Exposures of persons at or around the Site to CVOCs in groundwater, soil vapor, and indoor air; and,
- The release of contaminants from groundwater into indoor air through sub-slab vapor intrusion.

Further, the remediation goals for the Site include attaining ambient groundwater quality standards to the extent practicable. The Site was remediated in accordance with the NYSDEC-approved Interim Remedial Measure Work Plan dated February 6, 2009, and the Final Design Report dated October 12, 2011.

The following is a summary of the Remedial Actions performed at the Site:

1. Implemented a remedial design program to provide the details necessary for the construction, operation, maintenance, and monitoring (OM&M) of the remedial program.
2. Implemented OM&M of the on-Site IRM which consists of a SSDS to control vapor intrusion into the on-Site building.
3. Installed an AS/SVE system. The AS system treats the contaminated groundwater in situ, and the SVE system captures and removes the contaminated soil vapor thereby preventing on- and off-site migration.

4. Imposition of an institutional control (IC) in the form of an environmental easement that requires: (a) limiting the use and development of the property to commercial use, which will also permit industrial use; (b) compliance with the approved Site management plan; (c) restricting the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH; and (d) completing and submitting to the NYSDEC a periodic certification of institutional and engineering controls.
5. Developed a Site management plan that includes the following institutional and engineering controls: (a) periodic groundwater sampling and analysis as part of the long-term monitoring of the remedial action; (b) identification of any use restrictions on the Site; (c) fencing to control Site access; and (d) provisions for the continued proper operations and maintenance (O&M) of the SSDS and AS/SVE systems.
6. A periodic certification of institutional and engineering controls prepared and submitted by a professional engineer or such other expert acceptable to the NYSDEC. The submittal: (a) contains certification that the ICs and engineering controls put in place are either unchanged from the previous certification or are compliant with the NYSDEC-approved modifications; (b) allows the NYSDEC to access the Site; and (c) states that nothing has occurred that will impair the ability of the control to protect public health or the environment, or constitute a violation or failure to comply with the Site management plan unless otherwise approved by the NYSDEC.
7. In accordance with the NYSDEC-approved July 14, 2020 AS/SVE Study Workplan, the AS/SVE system was shut down for rebound testing in October 2020. Baseline groundwater and soil vapor samples were collected in November 2020 followed by quarterly sampling collected in February, May, August, and November of 2021 2022, 2023 and 2024. The results from quarterly sampling are compared to the baseline samples collected in November 2020 to assess potential rebound contamination in groundwater.
8. Monthly OM&M system readings were collected during 2021, 2022, 2023, and 2024.

Prior to the AS/SVE system shutdown for rebound testing, a long-term monitoring program was instituted to monitor efficacy of the AS/SVE treatment at the Site. The long-term monitoring program consisted of quarterly sampling and analysis of the groundwater to determine the efficacy of the remedy in terms of reduction in the contaminant concentrations and mass. The influent to the SVE system was also sampled to estimate the quantity of contaminant being captured and to confirm that the treatment system continues to be effective. Detailed descriptions of the long-term monitoring scope are presented in the Site Management Plan submitted to NYSDEC on January 25, 2016, updated on July 18, 2016, February 15, 2017, November 3, 2020 and October 8, 2025. Langan is in the process of submitting a revised Site

Management Plan to address comments issued by the NYSDEC and NYSDOH on December 8, 2025.

The long-term monitoring of the AS/SVE treatment system has been discontinued and rebound testing commenced in October 2020. In November 2020, baseline groundwater and vapor samples were collected. As part of the rebound testing, groundwater and soil vapor samples were collected in 2021 and 2022 on a quarterly basis to assess potential rebound of contamination. Pending approval of the 2022 PRR and RSR, GZA and Langan continued with quarterly groundwater and soil vapor sampling during 2023 and 2024.

On November 13, 2024, the NYSDEC and NYSDOH approved the 2022 PRR and RSR dated October 4, 2024. On March 19, 2025, the NYSDEC and NYSDOH approved the 2023 PRR dated December 30, 2024. Copies of these approval letters are included in **Appendix A**.

1.3 Objectives of the Periodic Review

The periodic review and rebound study process is used for determining if a remedy continues to be properly managed, as set forth in the Site Management Plan. The objectives of the periodic review and rebound study for sites in the State Superfund Program are as follows:

- Evaluate if the remedy actions need to continue operation, are performing properly and effectively, and are protective of public health and the environment;
- Evaluate compliance with the decision document(s) and the Site Management Plan;
- Evaluate the treatment units, and recommend repairs or changes, if necessary;
- Certify, if appropriate, that the intent of ICs continues to be met, and that engineering controls (EC) remain in place, are effective and protective of public health and the environment; and,
- Evaluate costs.

2.0 EVALUATION OF REMEDY PERFORMANCE, EFFECTIVENESS, AND PROTECTIVENESS

Subject to the approval of the 2022 PRR and RSR, GZA and Langan proceeded with quarterly groundwater and soil vapor sampling throughout the 2023 and 2024 reporting periods. This section presents a comprehensive summary of the data evaluation and the performance assessment of the remedy components, including the AS/SVE rebound study.

2.1 Summary of Remedy Components

The following sub-sections provide a summary of remedy components that were used to monitor SSDS at the Site. The layout of extraction sumps and vacuum readings is depicted in **Figure 8.**

2.1.1 Sub-Slab Extraction Sumps

Extraction sumps were installed to create vacuum influence beneath the slab of the entire building based on a 60-foot radius of influence (ROI). A total of nine (9) extraction sumps were installed and identified as ES-01 through ES-09.

2.1.2 Vapor Extraction and Treatment System

The SSDS is connected to a single vapor inlet header. The inlet header is connected to two inline blowers located within an intermodal shipping container. Two Roots URAI 711 rotary-lobe blowers were installed to extract the air from the nine extraction sumps. A Calgon HFVS2000 vapor-phase granular activated carbon (VPGAC) adsorber was installed to remove VOCs from the blower effluent prior to atmospheric discharge. A Gasho GX-120 air/water separator (AWS) was installed inline prior to the blowers to remove entrained moisture in the extracted vapor stream. A Carbonair PC1 liquid-phase granular activated carbon (LPGAC) adsorber was installed to remove VOCs from the effluent water accumulated in the AWS prior to surface discharge to the south yard.

2.1.3 Soil Gas Monitoring Points

On October 28 and 29, 2020, GZA installed eight (8) soil vapor gas sample points (SG-1 through SG-8) in the treatment area to evaluate soil vapor conditions during the rebound testing period. The construction of these points is similar to the existing vadose zone monitoring points. Each soil vapor sample point consists of ¼" stainless steel tube, which is secured using ferrules, nut and female adapter; and extends a minimum of 6-inches into the vadose zone.

2.1.3.1 Soil Gas Sampling

The soil gas samples were collected from SG-1 through SG-8 using 6-liter summa canisters with a flow rate not to exceed 0.2 L/min and were analyzed for VOCs by TO-15 method as per the October 2006 "Guidance for Evaluating Soil Vapor Intrusion in the State of New York". The samples were collected with an average flow rate of 0.049 L/min for an average sampling duration of 2 hours and 4 minutes in 2024 (**Appendix B**). In order to collect a representative sample, the flow controller was set at a lower flow rate. The soil gas from the treatment was screened for VOCs using a photoionization detector (PID), the findings are tabulated in **Table 2** and depicted on **Figure 9**.

2.1.4 Groundwater Monitoring Wells

Seven (7) monitoring wells, listed on Table 2-1, are sampled on a quarterly basis using the United States Environmental Protection low flow sampling procedures. Monitoring well locations are shown on **Figure 3**.

2.1.4.1 Monitoring Well Sampling

Groundwater samples are collected on a quarterly basis and analyzed by a NYSDOH-approved ELAP certified laboratory and analyzed for VOCs by EPA method 8260C and 1,4 dioxane by EPA method 8270D SIM. VOC concentrations in groundwater are compared against NYSDEC Ambient Water Quality Standards (AWQS) and Guidance Values for Class GA Groundwater. Additionally, in a letter dated July 26, 2024, the NYSDEC requested that annual sampling of per- and polyfluoroalkyl substances (PFAS) be conducted at the Site on an annual basis as part of the periodic groundwater sampling program, and in accordance with the NYSDEC's Sampling, Analysis, and Assessment of PFAS guidance (April 2023). Langan commenced the annual PFAS groundwater sampling in November 2024 from the monitoring wells included in **Table 1** below. This Emerging Contaminant Sampling letter is included in **Appendix A**.

An NYSDEC ASP Category B data deliverable and EDD confirmation is provided for these analyses in **Attachment A**. Sampling sheets are provided in **Appendix B**.

Table 1 – Monitoring Well Construction Details

Well #	Installation Date	Screen Interval (feet bgs)
MW-10	07/07/2003	2.5-17.5
MW-11S	07/07/2003	4.2-19.2
MW-16	01/14/2008	5-20
MW-17	04/25/2013	6.5-13.5
MW-18	04/24/2013	6.5-16.5
MW-19	04/23/2013	6.4-13.4
MW-20	04/23/2013	3.5-13.5

2.2 Quality Assurance / Quality Control

Quality Assurance / Quality Control (QA/QC) requirements for aqueous and air samples are described in Quality Assurance Project Plan and Field Sampling Plan (QAPP/FSP) provided as Appendix D to the Site Management Plan (CDM Smith 2016). The QAPP was updated to include

the sampling procedures for 1,4 Dioxane and per- and poly-fluoroalkyl substances (PFAS). The updated QAPP was submitted to NYSDEC on November 13, 2019. In 2016, 2017, 2019, and 2020, a full suite of quality assurance/quality control (QA/QC) samples were collected as part of monitoring activities. Sample holding times are in accordance with the NYSDEC ASP requirements.

2.3 Summary of Operation and Maintenance of SSDS

The SSDS Operation and Maintenance (O&M) Manual was prepared by Intex Environmental Group (Intex) for CDM Smith. The manual is included in the updated Site Management Plan submitted to NYSDEC on October 8, 2025. The treatment system was operated and maintained by GZA until August 2024. Since September 2024, Langan has taken over the operation and maintenance responsibilities. The treatment system is currently operated and maintained by Langan. The following summarizes the O&M procedures performed by GZA during the review period from January 1, through December 31, 2024:

- The programmable logic controller (PLC) generated a daily report of operational parameters including run status, vapor flow rate, vapor totalizer reading, and applied vacuum and discharge pressure readings.
- O&M of the system is performed on a monthly basis.
- Site-wide inspections are performed on a regular schedule at a minimum of once per year.

The treatment system ran during the reporting period with minimal downtime. Two rotary lobe blowers are installed in parallel for operational flexibility and backup use in case a blower failure occurs. Currently, only one blower is necessary to depressurize the slab beneath the building. No operational issues with the extraction system were encountered / experienced during the 2024 reporting period. During 2024, the annual average treatment system flow rates ranged between 826 and 888 cubic feet per minute (cfm).

The treatment system is inspected and maintained on a monthly basis. During routine O&M, system performance readings are recorded, and equipment is inspected for noise, vibration, temperature and leaks. Blower oil is changed, motors are greased, and V-belts are checked and adjusted if necessary. System filters are replaced as necessary, or at a minimum of once per year. Annually, the blower and its components are inspected for proper functionality. SSDS O&M checklists recorded on a monthly basis for this reporting period are provided as **Appendix C**. The layout of monitoring points is depicted in **Figure 8.**

Annual operating cost including O&M, monitoring, reporting, and electrical usage was approximately $166,200 during the 2024 reporting period.

2.3.1 Sub-Slab Depressurization Influence

Monitoring of SSDS influence is performed by monitoring pressure differential across sub-slab monitoring points and the vacuum in extraction sumps. Monitoring was performed on a quarterly basis in 2024. Refer to **Appendix D** for the datasheets.

As documented in the February and March 2024 Monthly Progress Reports (MPRs) prepared by GZA, the NYSDEC recommended that multiple sub-slab monitoring vacuum points be reinstalled due to inadequate vacuum readings (less than 0.003 inches of water column [IWC]) or consistent inaccessibility, and that a pressure field test be conducted thereafter to confirm adequate vadose zone vacuum levels. GZA reinstalled nine (9) sub-slab monitoring vacuum monitoring points on January 24 and 25, 2024 (SB-01, SB-02, SB-06, SB-09, SB-12, SB-13, SB-15, SB-22, and SB-24). The monitoring points were either relocated or reinstalled at an offset from their original location as indicated in the MPRs, and the pressure field test following reinstallation demonstrated adequate vacuum (ranging between 0.025 IWC and 1.55 IWC). The MPRs detailing the pressure field testing results are included in **Appendix D**.

While the SSDS successfully achieved a sufficient differential vacuum pressure following the reinstallation and pressure field testing efforts conducted between January and March 2024, the vacuum readings dropped below the minimum required 0.003 IWC in November 2024 at locations SB-03, SB-04, SB-05, SB-09, SB-10, SB-13, SB-22, and SB-25, likely due to damaged monitoring points. The vacuum readings at these locations demonstrated adequate vacuum (ranging between 0.03 IWC and 1.52 IWC) by March 2025 as documented in the March 2025 MPR.

2.4 Summary of Rebound Study and Evaluation

Prior to the AS/SVE system shutdown for the rebound study, Site-related CVOCs in groundwater were found consistent with previous observations. The performance monitoring at the Site suggests that the AS/SVE system, when operating, has reduced concentration levels of contaminants of concern. As such, an AS/SVE Study Workplan was developed and an updated version was submitted to NYSDEC on July 14, 2020, to establish a stepwise process to evaluate if a transition from active groundwater treatment to a passive monitored natural attenuation (MNA) approach can be achieved. The AS/SVE Study Workplan was approved by the NYSDEC on September 29, 2020.

On October 28, 2020, the AS/SVE system was discontinued in accordance with the July 14, 2020, AS/SVE system Evaluation Study, and the rebound testing commenced to evaluate if concentrations of the COCs in the groundwater source area have been reduced sufficiently to no longer pose a threat to the environment. Subsequent baseline groundwater and soil vapor sampling was conducted in November 2020. Quarterly monitoring was conducted in February,

May, August, and November of both 2021, and 2022 and the findings were summarized in the NYSDEC-approved 2022 PRR/RSR.

2.4.1 Rebound Study Period Monitoring

GZA collected groundwater and soil vapor samples on a quarterly basis for a total of four quarters in 2021 to assess rebound of contamination. Since there was no significant rebound in concentration after four quarters of groundwater monitoring data, the AS/SVE system remained off for four more quarters of groundwater and soil vapor sampling in 2022. There was no significant rebound found in the groundwater concentrations after a total of eight quarters of groundwater sampling; therefore, GZA recommend shutting down the AS/SVE permanently. The findings and recommendation from the rebound study from November 2020 through November 2022 were summarized in 2022 PRR/RSR, which was approved on November 13, 2024.

Because of the pending approval of the 2022 PRR/RSR, operations and maintenance activities and quarterly sampling events continued through November 2024 in accordance with the approved July 14, 2020 AS/SVE Rebound Study Workplan. A detailed evaluation of groundwater contamination trends is included in the subsequent sections of this 2024 PRR.

The following table summarizes the monitoring activities performed during the reporting period of this PRR and RSR:

Table 2-3: Monitoring Activities

Monitoring Program	Sample Locations	Frequency	Compliance Dates	Analysis
Groundwater	See Table 1 for list of Monitoring Wells	Quarterly	2/11/21; 5/18/21; 8/9/21; 11/9/21; 2/16/22; 5/19/22; 8/9/22; 11/28/22; 12/23/22; 2/6/2023; 5/16/2023; 8/22/2023; 11/13/2023; 2/15/2024; 5/7/2024; 8/27/2024; 11/4/2024	VOCs (EPA 8260C); 1,4-dioxane (8270D SIM); anions—chloride, sulfate, and nitrate (300.0); sulfide (SM4500 S or F); TOC (9060); gases—methane, ethane, and ethene (RFK175); and total dissolved metals—arsenic, iron, manganese (6010D), and PFAS (EPA 1633, annually)

Monitoring Program	Sample Locations	Frequency	Compliance Dates	Analysis
Soil Vapor Samples	SG-1 through SG-8	Quarterly	2/12/21; 5/19/21; 8/9/21; 11/9/21; 2/16/22; 5/19/22; 8/9/22; 11/28/22; 2/7/2023; 5/17/2023; 8/22/2023; 11/14/2023; 2/16/2024; 4/2/2024; 5/8/2024; 11/5/2024	EPA TO-15
Sub-Slab Depressurization Influence	SB-01 through SB-07, SB-09, SB-10, SB-12, SB-13, SB-15, SB-22, SB-23, SB-24	Quarterly	2/11/21; 3/18/21; 5/18/21; 8/9/21; 11/9/21; 2/16/22; 5/19/22; 8/9/22; 11/28/22; 2/6/2023; 5/17/2023; 8/22/2023; 11/14/2023; 2/16/2024; 5/8/2024; 8/28/2024; 11/5/2024	Field differential pressure readings
Sub-Slab Extraction Sumps	ES1 through ES9	Quarterly	2/11/21; 3/18/21; 5/18/21; 8/9/21; 11/9/21; 2/16/22; 5/19/22; 8/9/22; 11/28/22; 2/6/2023; 5/17/2023; 8/22/2023; 11/14/2023; 2/16/2024; 5/8/2024; 8/28/2024; 11/5/2024	Field PID and differential pressure readings
SVE Vadose Zone Influence	SV1 through SV6	Quarterly	3/16/2020; 4/10/2020; 5/12/2020; 9/8/2020; 9/23/2020; 10/28/2020; 10/29/2020; 11/24/2020; 11/25/2020	Field PID and differential pressure readings

2.5 Confirmation Standards

Sub-slab Vacuum

Currently, 15 monitoring points are being measured (SB-01 through SB-07, SB-09, SB-10, SB-12, SB-13, SB-15, SB-22, SB-24, and SB-25) for sub-slab vacuum performance. These 15 monitoring points are suitable to assess the sub-slab vapor pressure and confirm the readings. In 2024, monitoring of the SSDS operations was performed on a quarterly basis. The vacuum readings at the sub-slab monitoring points are evaluated to determine if the SSDS continues to be effective in providing negative pressure across the building slab by achieving a minimum pressure differential of 0.003 IWC at the 15 monitoring points located across the building slab. SSDS log sheets are provided as **Appendix D**. Refer to **Figure 10** for the vacuum readings.

Field PID Readings at Extraction Sumps Underneath the Slab

Field PID readings were collected on a quarterly basis at each of the nine SSDS extraction sumps to determine estimated VOC concentrations. The PID readings collected during this monitoring period indicated no elevated VOC readings; the results are provided in **Appendix D**.

2.5.1 Soil Vapor Analytical Results

Soil gas in the treatment area were screened with PID (**Table 2** and **Figure 9**) and sampled on February 16, April 2, May 8, August 28, and November 5, 2024 from the eight sampling points (SG-1 through SG-8). Samples were collected at SG-5 and SG-6 on April 2, 2024 because the laboratory was not able to obtain sufficient samples from the February 2024 SG-5 and SG-6 samples due to high vacuum pressure readings (-29.55 inches of mercury). For the purposes of the below analysis, the April 2, 2024 samples will be considered part of the February 2024 sampling event. More information is detailed in GZA's February and April 2024 MPRs. Samples were submitted to a NYSDOH approved ELAP certified laboratory and analyzed by EPA method TO-15 for VOCs. A summary of analytical results is provided in **Table 4** and **Figure 11**.

CVOC contamination related to the Site includes PCE, 1,1,1-TCA, TCE, 1,1-DCA, 1,1-DCE, cis-1,2-DCE, chloroethane, and VC. Historically, Site-related CVOCs were detected in all influent samples collected from the SSDS and SVE system prior to shutting down the AS/SVE system for the rebound testing.

2024 Additional Testing Period

In February 2024, and April 2024 for SG-5 and SG-6, the following Site-related CVOCs were detected in soil vapor air samples in units of micrograms per meter cubed (µg /m³):

- PCE at SG-4 (3.38 µg /m³); SG-5 (158 µg /m³)
- 1,1,1-TCA at SG-3 (6.82 µg/m³); SG-4 (231 µg/m³); SG-5 (17,400 µg /m³); SG-6 (26.6 µg /m³); SG-7 (1.34 µg/m³); SG-8 (405 µg/m³)
- 1,1-DCA at SG-3 (7.12 µg/m³); SG-4 (145 µg/m³); SG-5 (22,200 µg/m³); SG-6 (20.8 µg/m³); SG-7 (0.939 µg/m³); SG-8 (120 µg/m³)
- 1,1-DCE at SG-8 (10.8 µg/m³); SG-5 (57.1 µg/m³)
- *cis*-1,2-DCE at SG-3 (2.51 µg/m³); SG-4 (38.5 µg/m³); SG-5 (5,590 µg/m³); SG-6 (7.22 µg/m³); SG-7 (0.912 µg/m³); SG-8 (81.7 µg/m³)
- Chloroethane at SG-4 (14.4 µg/m³); SG-5 (509 µg/m³); SG-6 (0.715 µg/m³)
- TCE at SG-1 (1.62 µg/m³); SG-1 (DUP) (3.00 µg/m³); SG-3 (40.0 µg/m³); SG-4 (18.8 µg/m³); SG-5 (514 µg/m³); SG-6 (70.4 µg/m³); SG-7 (7.9 µg/m³); SG-8 (3,120 µg/m³)
- VC at SG-4 (0.792 µg/m³); SG-5 (83.6 µg/m³)

In May 2024, the following Site-related CVOCs were detected in soil vapor air samples:

- PCE at SG-3 (18.0 µg/m³); SG-4 (20.6 µg/m³); SG-5 (365 µg/m³); SG-6 (3.09 µg/m³); SG-8 (63.7 µg/m³)
- 1,1,1-TCA at SG-1 (7.53 µg/m³); SG-1 (DUP) (7.75 µg/m³); SG-3 (163 µg/m³); SG-4 (1,070 µg/m³); SG-4 (1,050 µg/m³); SG-5 (23,700 µg/m³); SG-5 (21,400 µg/m³); SG-6 (62.7 µg/m³); SG-7 (4.27 µg/m³); SG-8 (3,090 µg/m³)
- 1,1-DCA at SG-1 (2.61 µg/m³); SG-1 (DUP) (2.60 µg/m³); SG-3 (136 µg/m³); SG-4 (591 µg/m³); SG-4 (563 µg/m³); SG-5 (24,400 µg/m³); SG-5 (23,600 µg/m³); SG-6 (89.0 µg/m³); SG-7 (2.10 µg/m³); SG-8 (753 µg/m³)
- 1,1-DCE at SG-3 (1.27 µg/m³); SG-4 (1.03 µg/m³); SG-5 (36.0 µg/m³); SG-8 (40.8 µg/m³)
- *cis*-1,2-DCE at SG-1 (1.69 µg/m³); SG-1 (DUP) (1.78 µg/m³); SG-3 (40.8 µg/m³); SG-4 (218 µg/m³); SG-5 (8,050 µg/m³); SG-6 (31.7 µg/m³); SG-7 (1.82 µg/m³); SG-8 (626 µg/m³)
- Chloroethane at SG-1 (1.86 µg/m³); SG-1 (DUP) (1.79 µg/m³); SG-2 (1.78 µg/m³); SG-3 (3.80 µg/m³); SG-4 (8.02 µg/m³); SG-5 (884 µg/m³); SG-6 (1.73 µg/m³)
- TCE at SG-1 (32.1 µg/m³); SG-1 (DUP) (34.7 µg/m³); SG-2 (1.32 µg/m³); SG-3 (634 µg/m³); SG-3 (688 µg/m³); SG-4 (124 µg/m³); SG-5 (2,490 µg/m³); SG-6 (313 µg/m³); SG-7 (23.0 µg/m³); SG-8 (21,800 µg/m³); SG-8 (29,200 µg/m³)
- VC at SG-3 (0.66 µg/m³); SG-5 (48.6 µg/m³)

In August 2024, the following Site-related CVOCs were detected in soil vapor air samples:

- PCE at SG-1 (DUP) (1.5 µg/m³); SG-3 (50.8 µg/m³); SG-4 (41.4 µg/m³); SG-5 (127 µg/m³); SG-6 (6.98 µg/m³); SG-7 (2.85 µg/m³); SG-8 (652 µg/m³)
- 1,1,1-TCA at SG-1 (4.29 µg/m³); SG-1 (DUP) (5.89 µg/m³); SG-2 (1.19 µg/m³); SG-3 (249 µg/m³); SG-4 (1,740 µg/m³); SG-5 (9,820 µg/m³); SG-6 (98.8 µg/m³); SG-7 (12.1 µg/m³); SG-8 (5,270 µg/m³)
- 1,1-DCA at SG-1 (1.58 µg/m³); SG-1 (DUP) (1.98 µg/m³); SG-3 (116 µg/m³); SG-4 (1,240 µg/m³); SG-5 (11,200 µg/m³); SG-5 (6,920 µg/m³); SG-6 (109 µg/m³); SG-7 (4.86 µg/m³); SG-8 (988 µg/m³)
- 1,1-DCE at SG-3 (2.74 µg/m³)
- *cis*-1,2-DCE at SG-1 (1.91 µg/m³); SG-1 (DUP) (2.04 µg/m³); SG-3 (62.6 µg/m³); SG-4 (237 µg/m³); SG-5 (3,000 µg/m³); SG-6 (46.8 µg/m³); SG-7 (3.34 µg/m³); SG-8 (959 µg/m³)
- Chloroethane at SG-1 (DUP) (0.683 µg/m³); SG-2 (0.697 µg/m³); SG-3 (3.06 µg/m³); SG-4 (96.8 µg/m³); SG-5 (430 µg/m³); SG-6 (2.43 µg/m³); SG-7 (0.602 µg/m³)
- TCE at SG-1 (29.9 µg/m³); SG-1 (DUP) (37.6 µg/m³); SG-2 (1.56 µg/m³); SG-3 (1,220 µg/m³); SG-3 (1,060 µg/m³); SG-4 (182 µg/m³); SG-5 (1,170 µg/m³); SG-6 (580 µg/m³); SG-6 (720 µg/m³); SG-7 (54.3 µg/m³); SG-8 (46,600 µg/m³)
- VC at SG-3 (1.06 µg/m³); SG-4 (15.1 µg/m³)

In November 2024, the following Site-related CVOCs were detected in soil vapor air samples:

- PCE at SG-3 (5.35 µg/m³); SG-4 (16.8 µg/m³)
- 1,1,1-TCA at SG-1 (1.16 µg/m³); SG-2 (6.11 µg/m³); SG-3 (50.7 µg/m³); SG-4 (4,510 µg/m³); SG-5 (9,770 µg/m³); SG-6 (17.7 µg/m³); SG-6 (DUP) (17.5 µg/m³); SG-7 (3.13 µg/m³); SG-8 (1,080 µg/m³)
- 1,1-DCA at SG-2 (1.81 µg/m³); SG-3 (33.9 µg/m³); SG-4 (1,380 µg/m³); SG-5 (9,350 µg/m³); SG-6 (15.2 µg/m³); SG-6 (DUP) (15.1 µg/m³); SG-7 (1.58 µg/m³); SG-8 (206 µg/m³)
- 1,1-DCE was not detected in November 2024 soil vapor samples
- *cis*-1,2-DCE at SG-3 (9.71 µg/m³); SG-4 (237 µg/m³); SG-5 (2,040 µg/m³); SG-6 (6.62 µg/m³); SG-6 (DUP) (6.58 µg/m³); SG-7 (0.967 µg/m³); SG-8 (239 µg/m³)
- Chloroethane at SG-4 (95.0 µg/m³); SG-5 (446 µg/m³)
- TCE at SG-1 (6.07 µg/m³); SG-3 (275 µg/m³); SG-4 (123 µg/m³); SG-5 (822 µg/m³); SG-6 (125 µg/m³); SG-6 (DUP) (126 µg/m³); SG-7 (15.3 µg/m³); SG-8 (14,000 µg/m³)
- VC at SG-4 (7.36 µg/m³); SG-5 (29.1 µg/m³)

2.5.2 Evaluation of Soil Gas Analytical Results

The soil gas results are presented in **Table 4** and the Site-related CVOCs, including PCE, 1,1,1-TCA, TCE, 1,1-DCA, 1,1-DCE, cis-1,2-DCE, chloroethane, and VC were detected, which is consistent with the previous results. During the warmer months, an increased concentration of contaminants was observed across the board. This is likely due to the differential pressure between the atmosphere and the subsurface, where the pressure in the subsurface is higher than that in the atmosphere. **Appendix E** includes the statistical calculations using Mann-Kendall analysis along with the concentration trendlines over this period at the soil gas sampling locations (SG-1 through SG-8). The trends from the Mann-Kendall analysis for soil vapor samples are summarized in **Table 5** below. Where a sample result was identified as non-detect by laboratory analysis, the reporting limit corresponding to the contaminant and sample was used in the Mann-Kendall analysis to assess for any trend. Plots were developed to confirm these trends and depict changes in concentration of the Site-related CVOCs throughout the 2021 and 2022 rebound testing periods and the 2023 and 2024 additional testing periods. These plots are presented in **Appendix F**.

Table 5 Mann-Kendall Analysis Trend Summary for Soil Vapor Results

Contaminant	Mann-Kendall Analysis Trends							
	SG-1	SG-2	SG-3	SG-4	SG-5	SG-6	SG-7	SG-8
PCE	No Trend	No Trend	Increasing	Increasing	No Trend	No Trend	Probably Decreasing	No Trend
TCE	No Trend	Decreasing	Probably Increasing	No Trend	No Trend	No Trend	Decreasing	No Trend
1,1-DCE	No Trend	No Trend	No Trend	Probably Increasing	No Trend	Probably Decreasing	No Trend	Probably Increasing
1,1,1-TCA	No Trend	Probably Decreasing	Probably Increasing	Increasing	No Trend	No Trend	Decreasing	No Trend
1,1-DCA	No Trend	Decreasing	Increasing	Increasing	No Trend	No Trend	Decreasing	No Trend
***cis*-1,2-DCE**	No Trend	Decreasing	Increasing	Increasing	No Trend	No Trend	Decreasing	No Trend
Chloroethane	No Trend	Probably Decreasing	No Trend	Increasing	No Trend	Probably Decreasing	No Trend	Probably Increasing
Vinyl Chloride	No Trend	No Trend	Probably Increasing	Probably Increasing	No Trend	Decreasing	No Trend	No Trend
Total VOCs	No Trend	Decreasing	Probably Increasing	Increasing	No Trend	Probably Decreasing	Decreasing	No Trend

The results of this statistical analysis and our evaluation of the plots indicate that the concentration of CVOCs have reached asymptotic levels. The Mann-Kendall analysis of soil vapor

concentrations for the Site-related CVOCs at SG-1 through SG-8 indicates either a stable or decreasing trend, with the following exceptions:

- PCE at SG-3 and SG-4
- TCE at SG-3
- 1,1-DCE at SG-4 and SG-8
- 1,1,1-TCA at SG-3 and SG-4
- 1,1-DCA at SG-3 and SG-4
- cis-1,2-DCE at SG-3, SG-4, and SG-8
- Chloroethane at SG-3 and SG-4
- VC at SG-3 and SG-4
- Total VOCs at SG-3 and SG-4

The concentrations of the compounds identified above in soil-gas samples collected from SG-3 and SG-4 have historically exhibited temporal fluctuations. During 2024, elevated concentrations of TCE and PCE, and associated degradation daughter products were observed, with the increases occurring primarily during the summer sampling events. It should be noted that concentrations of these compounds declined significantly during the 2025 monitoring events; these results will be documented in the 2025 PRR. Overall, concentration levels at the Site have historically fluctuated between sampling events.

The soil-gas samples were collected from paved areas outside the building, rather than from within the building footprint. The warmer-season sampling events conducted in May and August appear to have shifted the data series toward increasing concentration trends at SG-3 and SG-4. Because the samples were obtained from beneath the paved area, subsurface vapors are typically cooler than the ambient outdoor air during summer months. This temperature-driven pressure gradient can promote outward vapor migration toward the atmosphere, which likely contributes to the elevated soil gas concentrations observed during the warmer sampling periods. These changes largely reflect the addition of 2024 data, particularly where warmer season samples collected in May and August largely shifted the data series toward increasing trends at SG-3 and SG-4.

Location-specific improvements and parent–daughter compounds also influenced outcomes, with VC increases at SG-3 and SG-4 likely linked to biodegradation pathways. The most prominent changes overall are seen at SG-3 and SG-4. Additionally, the Mann-Kendall analysis was also conducted on total VOCs for sample locations SG-1 through SG-8, where a decreasing trend or no trend was observed except for an increasing trend in SG-3 and SG-4. Refer to **Appendix E** for a detailed summary of the Mann-Kendall analysis and associated trends.

Refer to **Appendix F** for confirmation trend plots which show that recent sampling results exhibit a decreasing trend of contaminants, or indicate levels of contaminants detected below baseline concentrations, except for at sample location SG-4.

2.5.3 Groundwater Sampling and Analytical Results

Seven groundwater monitoring wells were sampled on February 15, May 7, August 27, and November 4, 2024. Analytical results for each sampling event are presented in **Table 6** and presented on **Figure 12** for the Site-related CVOC results and **Figure 13** for BTEX results.

2024 Additional Testing Period

The following Site-related contaminants were detected at concentrations exceeding the AWQS in February 2024:

MW-10

- 1,2,4,5-Tetramethylbenzene: 40 micrograms per liter (µg/l)
- Benzene: 5.7 µg/l
- Ethylbenzene: 6.2 µg/l
- Isopropylbenzene: 47 µg/l
- Toluene: 10 µg/l
- n-Butylbenzene: 5.2 µg/l
- n-Propylbenzene: 110 µg/l
- p/m-Xylene: 12 µg/l

MW-16

- 1,4-Dioxane: 1.1 µg/l
- VC: 38 µg/l
- cis-1,2-DCE: 52 µg/l

The following Site-related contaminants were detected at concentrations exceeding the AWQS in May 2024:

MW-10

- 1,2,4,5-Tetramethylbenzene: 63 µg/l
- Benzene: 13 µg/l
- Isopropylbenzene: 37 µg/l
- Toluene: 13 µg/l
- n-Butylbenzene: 5.7 µg/l

- n-Propylbenzene: 80 µg/l
- p/m-Xylene: 12 µg/l

MW-11S

- 1,4-Dioxane: 0.83 µg/l
- cis-1,2-DCE: 9.2 µg/l (duplicate sample)

MW-16

- 1,4-Dioxane: 1.2 µg/l
- VC: 36 µg/l
- cis-1,2-DCE: 77 µg/l

MW-18

- 1,4-Dioxane: 0.56 µg/l

The following Site-related contaminants were detected at concentrations exceeding the AWQS in August 2024:

MW-10

- 1,2,4,5-Tetramethylbenzene: 63 µg/l
- Benzene: 18 µg/l
- Isopropylbenzene: 88 µg/l
- Toluene: 13 µg/l
- n-Butylbenzene: 11 µg/l
- n-Propylbenzene: 130 µg/l
- p/m-Xylene: 5.4 µg/l
- sec-Butylbenzene: 7.9 µg/l

MW-16

- 1,4-Dioxane: 0.97 µg/l
- VC: 42 µg/l
- cis-1,2-DCE: 71 µg/l

MW-18

- cis-1,2-DCE: 11 µg/l

MW-19

- 1,4-Dioxane: 0.64 µg/l

- cis-1,2-DCE: 7.8 µg/l

The following site-related contaminants were detected at concentrations exceeding the AWQS in November 2024:

MW-10

- 1,2,4,5-Tetramethylbenzene: 82 µg/l
- Benzene: 19 µg/l
- Ethylbenzene: 8 µg/l
- Isopropylbenzene: 110 µg/l
- Naphthalene: 14 µg/l
- Perfluorooctanesulfonic Acid (PFOS): 0.02 µg/l
- Perfluorooctanoic Acid (PFOA): 0.02 µg/l
- Toluene: 16 µg/l
- n-Butylbenzene: 16 µg/l
- n-Propylbenzene: 250 µg/l
- p/m-Xylene: 21 µg/l
- sec-Butylbenzene: 10 µg/l

MW-11S

- PFOS: 0.02 µg/l
- PFOA: 0.01 µg/l

MW-16

- 1,4-Dioxane: 1.05 µg/l
- PFOS: 0.02 µg/l (duplicate sample)
- PFOA: 0.04 µg/l
- VC: 41 µg/l
- cis-1,2-DCE: 71 µg/l

MW-17

- PFOS: 0.02 µg/l
- PFOA: 0.02 µg/l

MW-18

- PFOS: 0.02 µg/l
- PFOA: 0.03 µg/l

MW-19

- PFOS: 0.01 µg/l
- PFOA: 0.04 µg/l
- cis-1,2-DCE: 16 µg/l

MW-20

- PFOS: 0.01 µg/l
- PFOA: 0.01 µg/l

2.5.4 Evaluation of Groundwater Analytical Results

The following contaminants were detected at concentrations exceeding the AWQS during the 2024 additional testing period:

- MW-10: petroleum-based products, including:
    - 1,2,4,5-Tetramethylbenzene (February, May, August, and November 2024 sampling events);
    - Benzene (February, May, August, and November 2024 sampling events);
    - Ethylbenzene (February, and November 2024 sampling events);
    - Isopropylbenzene (February, May, August, and November 2024 sampling events);
    - Naphthalene (November 2024 sampling event);
    - Toluene (February, May, August, and November 2024 sampling events);
    - n-Butylbenzene (February, May, August, and November 2024 sampling events);
    - n-Propylbenzene (February, May, August, and November 2024 sampling events);
    - p/m-Xylene (February, May, August, and November 2024 sampling events); and,
    - sec-Butylbenzene (August, and November 2024 sampling events).
- MW-10: PFOS and PFOA during the November 2024 sampling event.
- MW-11S: cis-1,2-DCEduring the May 2024 sampling event; 1,4-dioxane during the May 2024 sampling event; and, PFOS and PFOA during the November 2024 sampling event.
- MW-16: VC during the February, May, August, and November 2024 sampling events; cis-1,2-DCE during the February, May, August, and November 2024 sampling events; 1,4-dioxane during the February, May, August, and November 2024 sampling events; and, PFOS and PFOA during the November 2024 sampling event.
- MW-17: PFOS and PFOA during the November 2024 sampling event.
- MW-18: cis-1,2-DCE during the August 2024 sampling event; 1,4-dioxane during the May 2024 sampling event; and, PFOS and PFOA during the November 2024 sampling event.

- MW-19: cis-1,2-DCE during the August and November 2024 sampling events; 1,4-dioxane during the February and August 2024 sampling events; and, PFOS and PFOA during the November 2024 sampling event.
- MW-20: PFOS and PFOA during the November 2024 sampling event.

PFOS and PFOA were detected in exceedance of the AWQS in the monitoring wells sampled during the November 2024 emerging contaminants sampling. As this was the first annual emerging contaminants sampling event at the Site, continued annual PFAS monitoring is recommended to continue to track residual PFAS concentrations and to evaluate long-term trends.

1,4-dioxane has been detected in the seven monitoring wells ranging from ND to 0.945 µg/l during the 2021 and 2022 rebound testing periods, ranging from ND to 0.762 µg/l during the 2023 additional sampling period, and ranging from ND to 1.2 µg/l during the 2024 additional sampling period. The results are consistent with historical and 2020 baseline results.

MW-10 results indicate contamination of non-Site-related gasoline products, specifically BTEX compounds, and is consistent with the historical findings. MW-10 is upgradient from the source area and is impacted by the nearby gas station plume and surface runoff from the nearby roadway drainage pipe.

MW-11S results indicate the presence of cis-1,2-DCE above the standards in the May 2024 sampling event. This result is inconsistent with historical groundwater sampling results for cis-1,2-DCE at this location, where the last recorded instance of cis-1,2-DCE above the standard at MW-11S occurred in July 2013. As discussed in the 2023 PRR, MW-11S had two exceedances of TCE occur during the 2023 sampling period. The May 2024 cis-1,2-DCE exceedance is likely due to the ongoing degradation of PCE and TCE at the Site, as cis-1,2-DCE is a daughter product of TCE. Additionally, because this cis-1,2-DCE exceedance at MW-11S appears to be an isolated incident unrelated to the shutdown of the AS/SVE system, and is only marginally above the standard, this exceedance appears to be an outlier and does not warrant further action.

MW-16 results indicate the presence of VC and cis-1,2-DCE above the standards in the February, May, August, and November 2024 sampling events. This is consistent with the historical trends and is discussed in this section below.

MW-18 and MW-19 results also indicate exceedances of cis-1,2-DCE during the August (MW-18 and MW-19) and November 2024 (MW-19) sampling events. This result is inconsistent with historical groundwater sampling results for cis-1,2-DCE at these locations, where cis-1,2-DCE has not been reported in MW-18 since it was installed in 2013, and the only recorded instance of cis-1,2-DCE above the standard at MW-19 occurred in July 2013. Because these cis-1,2-DCE

exceedances at MW-18 and MW-19 appear to be an isolated incident unrelated to the shutdown of the AS/SVE system, these exceedances appear to be an outlier and do not warrant further action.

Analytical results for the baseline groundwater sampling event in 2020 and the rebound testing periods during 2021 and 2022, and additional testing periods in 2023 and 2024, and prior events dating back to 2013 are provided in **Table 6**. Results for sample concentrations greater than the interim-remedial measures (IRM) treatment criteria of 20 times their groundwater standard is highlighted in the table along with exceedances of the groundwater standard itself. A statistical evaluation of the recent and historical groundwater results was conducted using Mann-Kendall test to establish a trend for the Site-related CVOCs, including PCE, 1,1,1-TCA, TCE, 1,1-DCA, 1,1-DCE, cis-1,2-DCE, chloroethane, and VC. Plots were developed to confirm these trends and depict changes in concentration of the Site-related CVOCs from the baseline in 2020 throughout the 2021, 2022 rebound testing period and the 2023 and 2024 additional testing periods. The trends from the Mann-Kendall analysis for groundwater samples are summarized in **Table 7** below and the detailed analysis is provided as **Appendix G**. Wherever a sample result was non-detect by the laboratory, "0" was used in the Mann-Kendall analysis to establish a trend because the reporting limits have changed and are inconsistent between when sampling commenced in 2003 and the current 2024 period.

Table 7 Mann-Kendall Analysis Trend Summary for Groundwater Results

Contaminant	Mann-Kendall Analysis Trends						
	MW-10	**MW-11S**	**MW-16**	**MW-17**	**MW-18**	**MW-19**	**MW-20**
PCE	Decreasing	Decreasing	Decreasing	No Trend	No Trend	No Trend	No Trend
TCE	Decreasing	No Trend	Decreasing	Decreasing	Decreasing	Decreasing	Decreasing
1,1-DCE	No Trend	No Trend	Probably Decreasing	No Trend	No Trend	No Trend	No Trend
1,1,1-TCA	Decreasing	Probably Decreasing	No Trend	No Trend	No Trend	No Trend	No Trend
1,1-DCA	Probably Decreasing	Decreasing	Decreasing	No Trend	No Trend	No Trend	No Trend
***cis*-1,2-DCE**	Decreasing	Decreasing	No Trend	No Trend	No Trend	No Trend	Probably Increasing
Chloroethane	Decreasing	Decreasing	No Trend	No Trend	No Trend	No Trend	No Trend
Vinyl Chloride	Decreasing	Decreasing	Increasing	Decreasing	Decreasing	Decreasing	Decreasing

The plots and statistical analysis show that the CVOCs have reached asymptotic levels in the wells within the AS/SVE treatment area. The MW-16 downgradient well is not located in the footprint of the AS/SVE treatment area and indicates an increasing trend of VC when comparing

the rebound and additional testing results to the historical data from 2008 – this is to be expected considering VC is a daughter product from the source area. To further evaluate the increasing trend of VC at MW-16, the CVOC concentrations of the Site-related CVOCs at MW-16 were converted into their respective mole fractions and plotted over time (**Appendix H**). This plot shows that although the amount of VC is currently increasing at MW-16, it is behaving directly inverse to the amount of cis-1,2-DCE at MW-16. This pattern is consistent with reductive dichlorination trends commonly observed at remedial sites involving the treatment of CVOCs. Consistent with these data trends, it is anticipated that the levels of cis-1,2-DCE will continue to drop until it reaches degradation at MW-16, causing the amount of VC to concurrently increase at the same rate. This may occur until the degradative cycle of cis-1,2-DCE is complete, at which point the VC will begin to degrade naturally. Thus, it is concluded that the increasing trend of VC in MW-16 shown by the Mann-Kendall analysis indicates a positive overall trend as opposed to worsening contaminant conditions; however, a Remedial Design Work Plan is being developed per the recommendation of the NYSDEC to address the residual CVOC levels, particularly identified in MW-16.

The probably increasing trend identified for cis-1,2-DCE in MW-20 is inconsistent with historical findings. Levels of this contaminant are still below the applicable standards despite the increasing trend and have not exceeded the cis-1,2-DCE standards historically. Therefore, this trend is not a concern.

Recognizing there are some temporal variations, generally depleted levels of dissolved oxygen (DO) and negative oxygen redox potential oxidation reduction potential (ORP) readings were observed in groundwater at MW-10 and MW-16 throughout 2024, with low nitrate and sulfate levels. These conditions indicate anaerobic degradation of organic contaminants (CVOCs) is active at these well locations; once the primary terminal electron acceptor (TEA) DO is depleted, sulfate may become dominant as the secondary TEA, which would generate sulfide upon the continued degradation of CVOCs. The analytical results indicate anaerobic conditions prevail where CVOCs are primarily detected, which would help with the continued degradation of contaminants.

Additionally, analytical results for the other wells (MW-11S, MW-17, MW-18, MW-19, and MW-20) did not reveal Site-related contaminants above their remedy evaluation criteria with the exception of the isolated incidents of cis-1,2-DCE detections in MW-11S, MW-18, and MW-19. Other electron donors or acceptors are not prevalent in the groundwater at the remaining monitoring wells, and the analytical results indicate mixed to oxidizing conditions. DO levels in these wells were generally above 2 milligrams per liter (mg/l) during at least one sampling event, and ORP readings were generally positive or near neutral, suggesting the likelihood of aerobic biodegradation. These conditions support the natural attenuation of petroleum-related

compounds, which continue to migrate on-Site from the upgradient off-site plume. Overall, the analytical results for wells MW-11S, MW-17, MW-18, and MW-19 indicate that contaminant concentrations have stabilized and reached asymptotic levels.

Elevated chloride levels were detected in the groundwater samples from all the wells. This increased concentration of chloride may be attributed to human activities, such as road salting, or to natural processes like the weathering of rocks. Additionally, chloride is also an indicator of biodegradation of chlorinated hydrocarbons. While chloride concentrations are highest in the upgradient well MW-10 (312,000 µg/l to 550,000 µg/l) compared with the downgradient wells (71,400 µg/l to 300,000 µg/l), the generally elevated levels still indicate that degradation is occurring across the Site.

2.6 Engineering/Institutional Control Plan

A Site Management Plan (SMP) was originally submitted in January 2016, which includes an Engineering Control (EC)/Institutional Control (IC) Plan. The plan was updated on July 18, 2016, February 15, 2017, November 3, 2020, and October 8, 2025. The EC/IC Plan includes an environmental easement and a deed restriction that is currently being developed and will be evaluated in the PRR for the next reporting period. A series of ICs is required by the ROD to: (1) implement, maintain, and monitor EC systems; (2) prevent future exposure to residual contamination by controlling disturbances of the subsurface contamination; and (3) limit the use and development of the Site to commercial uses only.

Adherence to these ICs on the Site are required by the Environmental Easement and are implemented under the Site Management Plan. The ICs put in place have met the following objectives:

- Complied with the Environmental Easement;
- All ECs were operated and maintained as specified in the Site Management Plan;
- All ECs were inspected at a frequency and in a manner defined in the Site Management Plan;
- Groundwater, soil vapor, process vapor, and process water monitoring were performed; and,
- Data and information pertinent to Site Management of the Controlled Property was reported at the frequency and in a manner defined in the Site Management Plan.

ICs identified in the Environmental Easement may not be discontinued without an amendment to or extinguishment of the Environmental Easement.

The Site has a series of ICs in the form of Site restrictions. Adherence to these ICs is required by the Environmental Easement. Site restrictions that apply to the Controlled Property are:

- The property may only be used for commercial use (also permitting industrial use) provided that the long-term Engineering and Institutional Controls included in the Site Management Plan are employed;
- The property may not be used for a higher level of use, such as restricted residential use, without additional remediation and amendment of the Environmental Easement, as approved by the NYSDEC;
- All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the Site Management Plan;
- Use of groundwater is restricted, as a source of potable or process water and is not permitted without necessary water quality treatment as determined by the NYSDOH;
- The potential for vapor intrusion must be evaluated for any buildings developed in the area noted on **Figure 8** and any potential impacts that are identified must be monitored or mitigated;
- With the exception of the roof-top gardening, vegetable gardens and farming on the property grounds are prohibited;
- The Remedial Party will submit to NYSDEC a written statement that certifies, under penalty of perjury, that: (1) controls employed at the Controlled Property are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and, (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the Site Management Plan. NYSDEC retains the right to access such Controlled Property at any time in order to evaluate the continued maintenance of any and all controls. This certification shall be submitted annually, or an alternate period of time that NYSDEC may allow and will be made by an expert that the NYSDEC finds acceptable.

In August 2019, Metro Transit Authority (MTA) commenced the construction activities to install new railway lines adjacent to the treatment area. During the active construction, the treatment area was used as a support area and was temporarily occupied by MTA equipment and storage containers. During this construction, the asphaltic cover at the treatment area was damaged by MTA contractors. GZA coordinated with NYSDEC and MTA to remove all the construction equipment and clear the treatment area. All the equipment and storage containers were moved out of the treatment area by the end of December 2019 and MTA restored the asphaltic cover where it was damaged in 2020. A high security fence was installed, sometime between August 2020 and August 2021, separating the treatment area from the active railway lines. No other incidents involving impacts to the treatment area have occurred.

3.0 CONCLUSIONS AND RECOMMENDATIONS

3.1 Conclusions

The following observations summarize system performance from January 1, 2024, through December 31, 2024.

3.1.1 Operation and Maintenance Conclusions

The SSDS is operating as designed and is eliminating the vapor intrusion pathway into the on-Site building. In accordance with New York State guidance, the SSDS successfully achieved a differential vacuum pressure of greater than or equal to 0.003 IWC across the monitoring points following reinstallation and pressure field testing efforts conducted between January and March 2024. However, in November 2024, the sub-slab monitoring point vacuum readings dropped below the minimum required 0.003 IWC at locations SB-03, SB-04, SB-05, SB-09, SB-10, SB-13, SB-22, and SB-25, likely due to damaged monitoring points. Subsequent monitoring demonstrated that these points achieved sufficient vacuum readings by March 2025. Details of this evaluation will be documented in the 2025 PRR. Minimal downtime has been encountered from the onset of continuous operations through the timeframe of this periodic review.

3.1.2 As discussed in detail under Section 2.5.2 above, soil-gas concentrations of PCE, TCE, and associated degradation daughter products at SG-3 and SG-4 have historically fluctuated, with elevated concentrations observed during the 2024 summer sampling events. These increases are likely influenced by seasonal temperature gradients affecting vapor migration from beneath paved areas, moving out into the parking lot during warmer months. Concentrations declined significantly during the 2025 monitoring events and will be documented in the 2025 PRR. Trend evaluation, including Mann-Kendall analysis, indicates generally decreasing or stable trends across most soil-gas locations (SG-1 through SG-8), with localized increasing trends observed at SG-3 and SG-4 that may also reflect biodegradation processes and parent–daughter compound relationships.

3.1.3 Monitoring Conclusions

The monitoring results from the 2024 testing are discussed below:

- The following Site-related CVOCs were detected in the soil gas samples: PCE, 1,1,1-TCA, 1,1-DCA, 1,1-DCE, cis-1,2-DCE, chloroethane, VC, and TCE.

    - The soil vapor Mann–Kendall analysis for PCE and TCE (**Appendix E**), specifically at monitoring points SG-3, SG-4, and SG-8, indicates significant variability and does not demonstrate a consistent monotonic trend, as concentrations exhibit both

increasing and decreasing patterns at comparable rates over time. In contrast, the Mann–Kendall analysis for VOCs at SG-1, SG-2, SG-5, SG-6, and SG-7 suggests that asymptotic soil vapor concentrations for CVOCs have largely been achieved.

- Low levels of VC and/or cis-1,2-DCE were detected above the groundwater remedy performance criteria in MW-11S, MW-16, MW-18, and MW-19.

    - Cis-1,2-DCE exceedances were detected at MW-11S, MW-18, and MW-19 during the May, August, and November 2024 groundwater sampling events, respectively; however, exceedances were not observed during any other sampling events in 2024. This observation is inconsistent with historical groundwater data, as the most recent prior exceedance at MW-11S occurred in July 2013. Because each exceedance was limited to a single sampling event, is not associated with the AS/SVE system shutdown, and was only marginally above the applicable standard, these results are considered isolated outliers and do not warrant further action.

    - The Mann-Kendall analysis of historical groundwater data from 2008 through the 2023 testing period indicates an increase in concentration of VC in MW-16, which is located downgradient from the source area. The mole fraction analysis of the Site-related CVOCs at MW-16 reveals that although the amount of VC is currently increasing at MW-16, it is behaving directly inverse to the amount of cis-1,2-DCE at MW-16 (**Appendix H**). The presence of daughter products in MW-16 is an indication of the degradation of PCE and TCE and is consistent with previous observations. The presence of cis-1,2-DCE and VC has been detected since the beginning of the AS/SVE system operation in 2013, and the results are likewise consistent with the historical trend.

- No other CVOCs were detected above the standards in the upgradient, source, side-gradient, and downgradient wells.

- The groundwater Mann-Kendall analysis (**Appendix G**) of on-Site contaminants in all the on-site wells (MW-10, MW-11s, and MW-17 through MW-19), except for MW-16 indicate that there is no increasing trend of CVOCs and that asymptotic CVOC groundwater contaminant levels have been reached.

- An evaluation of MNA compounds and other chemical parameters of water quality (e.g., DO and ORP) indicates favorable anaerobic degradation conditions in MW-16, a well with CVOCs. Upon complete degradation of the parent compound(s) remaining in monitoring

wells at the Site, the daughter product(s) will degrade further as DO levels increase in the groundwater with the introduction of fresh water in the aquifer, thus creating oxidizing conditions.

- Based on the groundwater results and statistical evaluation, it has been determined that there has been no rebound in contamination levels following the shutdown of the AS/SVE system. The findings from the rebound study were detailed in the 2022 PRR/RSR, which received approval from NYSDEC on November 13, 2024. Consequently, the AS/SVE system will remain permanently offline.

3.2 Recommendations

The analytical results indicate that contaminant concentrations within the treatment area have stabilized and reached asymptotic levels.

Given the stabilization of groundwater trends, this section provides recommendations for transitioning to long-term monitoring and for addressing the elevated contaminant levels observed at well MW-16. Detailed implementation steps for these recommendations are outlined below:

- The SSDS operations will continue to effectively depressurize the slab within the building. Langan will continue monitoring the SSDS on a monthly basis.
- A Long Term Monitoring (LTM) program, which consists of periodic sampling, will be instituted as described below:
    - Groundwater samples will be collected twice a year from seven monitoring wells (MW-10, MW-11S, MW-16 through MW-20).
    - Groundwater samples will be collected using permeable diffusion bags (PDB), and geochemical parameters will be recorded during sampling.
    - Groundwater samples will be analyzed for the following parameters:
        - VOCs by EPA Method 8260C; and
        - MNA parameters including anions (chloride, sulfate, and nitrate via method 300.0), sulfide (method SM4500 S or F), TOC (method 9060), gases (methane, ethane, and ethene via method RFK175), total metals (As, Fe, and Mn via method 6010D) and dissolved metals (As, Fe, and Mn via method 6010D)
    - If the groundwater results remain consistent for the next two years, then the sampling frequency will be reduced to one year.

  - As directed by NYSDEC, LANGAN will sample all seven wells (MW-10, MW-11S, MW-16 through MW-20) annually and analyze the samples for PFOA and PFAS using EPA method 1633.
    - An evaluation of PFOA and PFAS results in on-Site monitoring wells will occur once three datasets have been collected (i.e., once three annual sampling events have occurred)
  - Soil Gas Samples will be collected twice a year from all eight (8) soil vapor gas sample points (SG-1 through SG-8) in the treatment area to evaluate soil vapor conditions. The soil gas samples will be analyzed for TO-15.
- After receiving approval on the reduced sampling frequency from the NYSDEC/DOH, the Site Management Plan (SMP) will be updated to implement the LTM program at the Site.
- The VC levels in well MW-16 are showing an increasing trend. As noted in previous sections, this rise is primarily due to the ongoing degradation of CVOCs in the groundwater. However, in accordance with NYSDEC's request, Langan has designed a targeted strategy to effectively manage/mitigate these elevated concentrations. Langan targets to submit the potential strategy for NYSDECs approval end of Q1, 2026.

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5.0 CERTIFICATION OF IC/ECS

I, Gerald Nicholls P.E., of Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C., am certifying as the Remedial Party's Designated Site Representative: I have been authorized and designated by all site owners/remedial parties to sign this certification for the site and certify that the following statements are true:

a) The institutional control and/or engineering control employed at the 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) I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

092433	03/25/2026	Gerry Nicholls
New York State Professional Engineer #	Date	Signature

TABLES

Table 2 System PID Readings
Standard Motor Products, Inc.
Long Island, Queens, New York

Date	Event	Location PID Readings (ppm)																
		Blower Inlet	Blower Outlet Manifold	At Stack	SV-1	SV-2	SV-3	SV-4	SV-5	SV-6	SG-1	SG-2	SG-3	SG-4	SG-5	SG-6	SG-7	SG-8
3/16/2020	System On/Monthly Readings	0.0	0.4	1.3	-	0.0	-	0.2	-	-	N/A*	N/A*	N/A*	N/A*	N/A*	N/A*	N/A*	N/A*
4/10/2020	System On/Monthly Readings	0.0	0.0	0.0	1.7	0.0	-	0.2	-	-	N/A*	N/A*	N/A*	N/A*	N/A*	N/A*	N/A*	N/A*
5/12/2020	System On/Monthly Readings	0.0	0.0	0.0	1.7	0.0	0.0	0.2	0.6	-	N/A*	N/A*	N/A*	N/A*	N/A*	N/A*	N/A*	N/A*
6/3/2020	System On/Monthly Readings	0.0	0.0	0.0	-	-	-	-	-	-	N/A*	N/A*	N/A*	N/A*	N/A*	N/A*	N/A*	N/A*
7/7/2020	System On/Monthly Readings	0.0	6.1	1.1	-	-	-	-	-	-	N/A*	N/A*	N/A*	N/A*	N/A*	N/A*	N/A*	N/A*
8/6/2020	System On/Monthly Readings	0.0	0.7	0.0	-	-	-	-	-	-	N/A*	N/A*	N/A*	N/A*	N/A*	N/A*	N/A*	N/A*
9/8/2020; 9/23/2020	System On/Monthly Readings	1.7	0.0	0.0	-	0.0	0.3	0.0	0.6	-	N/A*	N/A*	N/A*	N/A*	N/A*	N/A*	N/A*	N/A*
10/28/2020; 10/29/2020	System Shutdown at 11:50 am	0.0	0.2	1.4	-	7.3	13.4	8.3	5.0	-	Points Installed							
11/24/2020; 11/25/2020	Baseline	0.3	0.7	0.3	-	0.0	-	0.1	0.0	0.0	9.2	7.7	7.0	8.9	3.7	6.9	6.4	7.1
12/8/2020	System Off/Monthly Readings	0.0	0.0	0.0							-	-	-	-	-	-	-	-
1/7/2021	System Off/Monthly Readings	1.0	2.9	0.0							-	-	-	-	-	-	-	-
2/11/2021; 2/12/2021	First Round of Quarterly Sampling	0.0	0.0	0.0							0.0	0.0	0.0	0.0	0.4	4.8	2.4	1.0
3/18/2021	System Off/Monthly Readings	0.2	0.0	0.0							-	-	-	-	-	-	-	-
4/20/2021	System Off/Monthly Readings	0.0	0.0	0.0							-	-	-	-	-	-	-	-
5/18/2021; 5/19/2021	Second Round of Quarterly Sampling	0.0	0.0	0.0							0.0	0.0	0.2	0.0	0.0	0.4	0.0	0.0
6/9/2021	System Off/Monthly Readings	0.0	0.1	0.0							-	-	-	-	-	-	-	-
7/19/2021	System Off/Monthly Readings	0.0	0.1	0.2							-	-	-	-	-	-	-	-
8/9/2021	Third Round of Quarterly Sampling	0.0	0.0	0.4							0.7	1.1	0.5	0.5	1.7	2.2	0.8	5.1
9/23/2021	System Off/Monthly Readings	0.0	0.2	0.4							-	-	-	-	-	-	-	-
10/27/2021	System Off/Monthly Readings	0.2	0.5	0.7							-	-	-	-	-	-	-	-
11/9/2021	Fourth Round of Quarterly Sampling	0.0	0.1	0.1							0.0	0.1	0.1	0.1	10.8	2.1	0.1	1.1
12/14/2021	System Off/Monthly Readings	0.0	0.6	0.3							-	-	-	-	-	-	-	-
1/26/2022	System Off/Monthly Readings	0.4	0.9	0.2							-	-	-	-	-	-	-	-
2/16/2022	Fifth Round of Quarterly Sampling	0.0	0.1	0.1							0.9	0.2	0.3	0.8	3.7	0.6	0.3	0.6
3/24/2022	System Off/Monthly Readings	0.0	0.1	0.0							-	-	-	-	-	-	-	-
4/19/2022	System Off/Monthly Readings	0.0	0.0	0.6							-	-	-	-	-	-	-	-
5/19/2022; 5/20/2022	Sixth Round of Quarterly Sampling	0.0	0.0	0.0							1.2	0.4	2.7	7.3	5.5	3.1	0.9	4.7
6/14/2022	System Off/Monthly Readings	0.0	0.0	0.1							-	-	-	-	-	-	-	-
7/21/2022	System Off/Monthly Readings	0.0	0.1	0.1	Substituted with new soil gas points; refer Figure 2-3 for location						-	-	-	-	-	-	-	-
8/9/2022; 8/10/2022	Seventh Round of Quarterly Sampling	0.0	0.1	0.1							0.7	0.8	1.2	4.0	13.7	4.1	0.0	5.2
9/16/2022	System Off/Monthly Readings	0.0	0.0	0.0							-	-	-	-	-	-	-	-
10/20/2022	System Off/Monthly Readings	0.0	0.0	0.0							-	-	-	-	-	-	-	-
11/28/2022; 11/29/2022	Eighth Round of Quarterly Sampling	0.1	0.2	0.2							0.4	0.1	0.1	0.9	1.2	0.3	0.4	0.4
12/23/2022	System Off/Monthly Readings	0.1	0.1	0.4							-	-	-	-	-	-	-	-
1/19/2023	System Off/Monthly Readings	0.1	0.1	0.4							-	-	-	-	-	-	-	-
2/6/2023; 2/7/2023	Ninth Round of Quarterly Sampling	0.0	0.0	0.2							0.0	0.0	0.0	1.2	14.7	0.0	0.0	0.0
3/24/2023	System Off/Monthly Readings	0.0	0.3	0.0							-	-	-	-	-	-	-	-
4/11/2023	System Off/Monthly Readings	0.1	0.2	0.6							-	-	-	-	-	-	-	-
5/16/2023; 5/17/2023	Tenth Round of Quarterly Sampling	0.1	0.2	0.5							0.0	0.0	0.0	1.6	10.8	5.0	0.0	6.0
6/13/2023	System Off/Monthly Readings	0.0	0.1	0.1							-	-	-	-	-	-	-	-
7/21/2023	System Off/Monthly Readings	0.0	0.0	0.0							-	-	-	-	-	-	-	-
8/21/2023; 8/22/2023	Eleventh Round of Quarterly Sampling	0.0	0.0	0.0							1.1	0.0	0.0	1.1	8.6	0.9	0.0	31.3
10/2/2023	System Off/Monthly Readings	0.0	2.5	3.4							-	-	-	-	-	-	-	-
11/14/2023	Twelveth Round of Quarterly Sampling	0.0	0.0	0.0							0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12/11/2023	System Off/Monthly Readings	0.0	0.0	0.0							-	-	-	-	-	-	-	-
2/16/2024	Thirteenth Round of Quarterly Sampling	0.0	0.0	0.0							0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5/8/2024	Fourteenth Round of Quarterly Sampling	0.0	2.5	3.4							0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8/28/2024	Fifteenth Round of Quarterly Sampling	0.0	0.0	0.0							0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11/4/2024	Sixteenth Round of Quarterly Sampling	0.0	0.0	0.0							0.0	0.0	0.0	0.0	18.7	357.0	0.0	3.3

Notes:
*N/A - Sampling point was not yet installed

Table 4 Soil Vapor Sampling Results
Standard Motor Products, Inc.
Long Island, Queens, New York

SAMPLING EVENT:	BASELINE			QUARTER 1			QUARTER 2			QUARTER 3			QUARTER 4			QUARTER 5			QUARTER 6			QUARTER 7			QUARTER 8			QUARTER 9			QUARTER 10			QUARTER 11			QUARTER 12		
SAMPLE LOCATION	SG-1			SG-1			SG-1			SG-1			SG-1			SG-1			SG-1			SG-1			SG-1			SG-1			SG-1			SG-1			SG-1		
LAB ID:	L2053280-01			L2107146-01			L2126491-01			L2142630-01			L2161709-01			L2208290-01			L2227173-01			L2243181-01			L2266971-01			L2306777-08			L2327533-08			L2348799-08			L2367850-08		
COLLECTION DATE:	11/24/2020			02/12/2021			05/19/2021			08/09/2021			11/09/2021			02/16/2022			05/19/2022			08/10/2022			11/29/2022			02/07/2023			05/17/2023			08/22/2023			11/14/2023		
	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS IN AIR																																								
1,1,1-Trichloroethane	1.83		1.09	0.273	ND		1.09	0.273	4.39		1.09	0.273	25.4		1.09	0.273	30.1		1.09	0.273	8.51		1.09	0.273	31.8		1.09	0.273	644		1.36	0.342	9.77		1.09	0.273	6.98		1.09	0.335	29.3		1.09	0.335	4.39		1.56	0.478	ND		1.09	0.335
1,1,2,2-Tetrachloroethane	ND		1.37	0.422	ND		1.37	0.422	ND		1.37	0.422	ND		1.37	0.422	ND		1.37	0.422	ND		1.37	0.422	ND		1.37	0.422	ND		1.72	0.527	ND		1.37	0.422	ND		1.37	0.357	5.59		1.37	0.357	ND		1.96	0.510	ND		1.37	0.357
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1.53	0.503	ND		1.53	0.503	ND		1.53	0.503	1.56		1.53	0.503	2.64		1.53	0.503	ND		1.53	0.503	2.40		1.53	0.503	64.1		1.92	0.628	ND		1.53	0.503	ND		1.53	0.388	2.98		1.53	0.388	ND		2.19	0.553	ND		1.53	0.388
1,1,2-Trichloroethane	ND		1.09	0.366	ND		1.09	0.366	ND		1.09	0.366	ND		1.09	0.366	ND		1.09	0.366	ND		1.09	0.366	ND		1.09	0.366	ND		1.36	0.457	ND		1.09	0.366	ND		1.09	0.318	ND		1.09	0.318	ND		1.56	0.453	ND		1.09	0.318
1,1-Dichloroethane	ND		0.809	0.254	ND		0.809	0.254	1.22		0.809	0.254	7.93		0.809	0.254	6.15		0.809	0.254	1.82		0.809	0.254	5.95		0.809	0.254	67.2		1.01	0.318	1.95		0.809	0.254	1.72		0.809	0.230	8.78		0.809	0.230	1.34		1.16	0.328	ND		0.809	0.230
1,1-Dichloroethene	ND		0.793	0.255	ND		0.793	0.255	ND		0.793	0.255	ND		0.793	0.255	ND		0.793	0.255	ND		0.793	0.255	ND		0.793	0.255	ND		0.991	0.319	ND		0.793	0.255	ND		0.793	0.225	ND		0.793	0.225	ND		1.13	0.322	ND		0.793	0.225
1,2,4-Trichlorobenzene	ND		1.48	0.500	ND		1.48	0.500	ND		1.48	0.5	ND		1.48	0.5	ND		1.48	0.5	ND		1.48	0.500	ND		1.48	0.500	ND		1.86	0.625	ND		1.48	0.500	ND		1.48	0.742	ND		1.48	0.742	ND		2.12	1.06	ND		1.48	0.742
1,2,4-Trimethylbenzene	1.66		0.983	0.181	ND		0.983	0.181	ND		0.983	0.181	2.62		0.983	0.181	1.88		0.983	0.181	1.80		0.983	0.181	4.11		0.983	0.181	ND		1.23	0.226	ND		0.983	0.181	4.79		0.983	0.284	17.2		0.983	0.284	7.77		1.41	0.405	1.61		0.983	0.284
1,2-Dibromoethane (Ethylene Dibromide)	ND		1.54	0.431	ND		1.54	0.431	ND		1.54	0.431	ND		1.54	0.431	ND		1.54	0.431	ND		1.54	0.431	ND		1.54	0.431	ND		1.92	0.539	ND		1.54	0.431	ND		1.54	0.418	ND		1.54	0.418	ND		2.20	0.597	ND		1.54	0.418
1,2-Dichlorobenzene	ND		1.20	0.378	ND		1.20	0.378	ND		1.2	0.378	ND		1.2	0.378	ND		1.20	0.378	ND		1.20	0.378	ND		1.20	0.378	ND		1.50	0.472	ND		1.20	0.378	ND		1.20	0.372	ND		1.20	0.372	ND		1.20	0.372	ND		1.72	0.531	ND		1.20	0.372
1,2-Dichloroethane	ND		0.809	0.244	ND		0.809	0.244	ND		0.809	0.244	ND		0.809	0.244	ND		0.809	0.244	ND		0.809	0.244	ND		0.809	0.244	ND		1.01	0.304	ND		0.809	0.244	ND		0.809	0.319	14.0		0.809	0.319	ND		1.16	0.453	ND		0.809	0.319
1,2-Dichloropropane	ND		0.924	0.282	ND		0.924	0.282	ND		0.924	0.282	ND		0.924	0.282	ND		0.924	0.282	ND		0.924	0.282	ND		0.924	0.282	ND		1.16	0.352	ND		0.924	0.282	ND		0.924	0.292	ND		0.924	0.292	ND		0.924	0.292	ND		1.32	0.416	ND		0.924	0.292
1,2-Dichlorotetrafluoroethane	ND		1.4	0.413	ND		1.40	0.413	ND		1.4	0.413	ND		1.4	0.413	ND		1.4	0.413	ND		1.40	0.413	ND		1.40	0.413	ND		1.75	0.517	ND		1.40	0.413	ND		1.40	0.352	ND		1.40	0.352	ND		1.40	0.352	ND		2.00	0.503	ND		1.40	0.352
1,3,5-Trimethylbenzene (Mesitylene)	ND		0.983	0.332	ND		0.983	0.332	ND		0.983	0.332	ND		0.983	0.332	ND		0.983	0.332	ND		0.983	0.332	ND		0.983	0.332	ND		1.23	0.415	ND		0.983	0.332	1.40		0.983	0.295	11.2		0.983	0.295	2.21		1.41	0.421	ND		0.983	0.295
1,3-Butadiene	ND		0.442	0.148	ND		0.442	0.148	ND		0.442	0.148	ND		0.442	0.148	ND		0.442	0.148	ND		0.442	0.148	ND		0.442	0.148	ND		0.553	0.185	ND		0.442	0.148	ND		0.442	0.137	ND		0.442	0.137	ND		0.442	0.137	ND		0.633	0.196	ND		0.442	0.137
1,3-Dichlorobenzene	ND		1.20	0.377	ND		1.20	0.377	1.73		1.2	0.377	6.49		1.2	0.377	ND		1.2	0.377	ND		1.20	0.377	ND		1.20	0.377	ND		1.50	0.471	ND		1.20	0.377	ND		1.20	0.467	5.69		1.20	0.467	ND		1.20	0.467	ND		1.72	0.667	ND		1.20	0.467
1,4-Dichlorobenzene	ND		1.20	0.382	ND		1.20	0.382	ND		1.2	0.382	ND		1.2	0.382	ND		1.2	0.382	ND		1.20	0.382	ND		1.20	0.382	ND		1.50	0.478	ND		1.20	0.382	ND		1.20	0.497	ND		1.20	0.497	ND		1.20	0.497	ND		1.72	0.709	ND		1.20	0.497
1,4-Dioxane	ND		0.721	0.290	ND		0.721	0.290	ND		0.721	0.29	ND		0.721	0.29	ND		0.721	0.290	ND		0.721	0.290	ND		0.721	0.290	ND		0.901	0.364	ND		0.721	0.290	ND		0.721	0.194	0.832		0.721	0.194	1.65		1.03	0.277	ND		0.721	0.194
2,2,4-Trimethylpentane	ND		0.934	0.169	ND		0.934	0.169	ND		0.934	0.169	ND		0.934	0.169	ND		0.934	0.169	ND		0.934	0.169	ND		0.934	0.169	ND		1.17	0.211	ND		0.934	0.169	ND		0.934	0.323	1.36		0.934	0.323	ND		1.34	0.461	ND		0.934	0.323
2-Hexanone	ND		0.820	0.266	ND		0.820	0.266	1.4		0.82	0.266	ND		0.82	0.266	0.844		0.82	0.266	ND		0.820	0.266	ND		0.820	0.266	ND		1.02	0.332	ND		0.820	0.266	ND		0.820	0.374	ND		0.820	0.374	1.40		1.17	0.533	ND		0.820	0.374
4-Ethyltoluene	ND		0.983	0.182	ND		0.983	0.182	ND		0.983	0.182	ND		0.983	0.182	ND		0.983	0.182	ND		0.983	0.182	ND		0.983	0.182	ND		1.23	0.227	ND		0.983	0.182	ND		0.983	0.272	4.51		0.983	0.272	1.83		1.41	0.389	ND		0.983	0.272
Acetone	44.4		2.38	1.64	15.1		2.38	1.64	16.8		2.38	1.64	16.4		2.38	1.64	43		2.38	1.64	4.39		2.38	1.64	10.0		2.38	1.64	18.9		2.97	2.05	6.01		2.38	1.64	ND		2.38	1.22	127		2.38	1.22	82.7		3.40	1.75	3.33		2.38	1.22
Allyl Chloride (3-Chloropropene)	ND		0.626	0.183	ND		0.626	0.183	ND		0.626	0.183	ND		0.626	0.183	ND		0.626	0.183	ND		0.626	0.183	ND		0.626	0.183	ND		0.783	0.229	ND		0.626	0.183	ND		0.626	0.269	ND		0.626	0.269	ND		0.626	0.269	ND		0.895	0.385	ND		0.626	0.269
Benzene	ND		0.639	0.156	ND		0.639	0.156	ND		0.639	0.156	ND		0.639	0.156	ND		0.639	0.156	ND		0.639	0.156	ND		0.639	0.156	ND		0.639	0.156	1.40		0.799	0.195	ND		0.639	0.156	ND		0.639	0.205	2.04		0.639	0.205	ND		0.914	0.293	ND		0.639	0.205
Benzyl Chloride	ND		1.04	0.250	ND		1.04	0.250	ND		1.04	0.25	ND		1.04	0.25	ND		1.04	0.250	ND		1.04	0.250	ND		1.04	0.250	ND		1.29	0.312	ND		1.04	0.250	ND		1.04	0.486	ND		1.04	0.486	ND		1.04	0.486	ND		1.48	0.694	ND		1.04	0.486
Bromodichloromethane	ND		1.34	0.338	ND		1.34	0.338	ND		1.34	0.338	ND		1.34	0.338	ND		1.34	0.338	ND		1.34	0.338	ND		1.34	0.338	ND		1.34	0.338	ND		1.67	0.422	ND		1.34	0.338	ND		1.34	0.462	ND		1.34	0.462	ND		1.34	0.462	ND		1.92	0.659	ND		1.34	0.462
Bromoform	ND		2.07	0.663	ND		2.07	0.663	ND		2.07	0.663	ND		2.07	0.663	ND		2.07	0.663	ND		2.07	0.663	ND		2.07	0.663	ND		2.07	0.663	ND		2.58	0.828	ND		2.07	0.663	ND		2.07	0.616	ND		2.07	0.616	ND		2.96	0.880	ND		2.07	0.616
Bromomethane	ND		0.777	0.300	ND		0.777	0.300	ND		0.777	0.3	ND		0.777	0.3	ND		0.777	0.3	ND		0.777	0.300	ND		0.777	0.300	ND		0.777	0.300	ND		0.971	0.375	ND		0.777	0.300	ND		0.777	0.212	ND		0.777	0.212	ND		0.777	0.212	ND		1.11	0.303	ND		0.777	0.212
Carbon Disulfide	ND		0.623	0.174	ND		0.623	0.174	ND		0.623	0.174	ND		0.623	0.174	0.816		0.623	0.174	ND		0.623	0.174	ND		0.623	0.174	ND		0.623	0.174	2.12		0.779	0.218	ND		0.623	0.174	ND		0.623	0.145	5.42		0.623	0.145	1.40		0.891	0.207	ND		0.623	0.145
Carbon Tetrachloride	ND		1.26	0.314	ND		1.26	0.314	ND		1.26	0.314	ND		1.26	0.314	ND		1.26	0.314	ND		1.26	0.314	ND		1.26	0.314	ND		1.26	0.314	ND		1.57	0.393	ND		1.26	0.314	ND		1.26	0.432	ND		1.26	0.432	ND		1.26	0.432	ND		1.80	0.616	ND		1.26	0.432
Chlorobenzene	ND		0.921	0.287	ND		0.921	0.287	ND		0.921	0.287	ND		0.921	0.287	ND		0.921	0.287	ND		0.921	0.287	ND		0.921	0.287	ND		0.921	0.287	ND		1.15	0.359	ND		0.921	0.287	ND		0.921	0.238	ND		0.921	0.238	ND		0.921	0.238	ND		1.32	0.339	ND		0.921	0.238
Chloroethane	ND		0.528	0.212	ND		0.528	0.212	0.536		0.528	0.212	ND		0.528	0.212	ND		0.528	0.212	ND		0.528	0.212	ND		0.528	0.212	ND		0.528	0.212	1.21		0.660	0.267	ND		0.528	0.212	ND		0.528	0.171	0.776		0.528	0.171	0.871		0.755	0.245	ND		0.528	0.171
Chloroform	ND		0.977	0.309	ND		0.977	0.309	ND		0.977	0.309	1		0.977	0.309	2.84		0.977	0.309	1.77		0.977	0.309	6.06		1.22	0.386	ND		0.977	0.309	ND		0.977	0.309	ND		0.977	0.270	ND		0.977	0.270	ND		0.977	0.270	ND		1.40	0.385	ND		0.977	0.270
Chloromethane	ND		0.413	0.142	0.448		0.413	0.142	1.15		0.413	0.142	ND		0.413	0.142	ND		0.413	0.142	ND		0.413	0.142	0.661		0.516	0.178	ND		0.413	0.142	ND		0.413	0.119	1.39		0.413	0.119	0.840		0.591	0.170	ND		0.413	0.119
Cis-1,2-Dichloroethylene	ND		0.793	0.464	ND		0.793	0.464	1.69		0.793	0.464	2.13		0.793	0.464	9.99		0.793	0.464	2.60		0.793	0.464	3.37		0.793	0.464	11.7		0.991	0.579	ND		0.793	0.464	1.43		0.793	0.236	3.70		0.793	0.236	ND		1.13	0.337	ND		0.793	0.236
Cis-1,3-Dichloropropene	ND		0.908	0.186	ND		0.908	0.186	ND		0.908	0.186	ND		0.908	0.186	ND		0.908	0.186	ND		0.908	0.186	ND		0.908	0.186	ND		0.908	0.186	ND		1.13	0.232	ND		0.908	0.186	ND		0.908	0.306	ND		0.908	0.306	ND		1.30	0.437	ND		0.908	0.306
Cyclohexane	ND		0.688	0.127	ND		0.688	0.127	0.726		0.688	0.127	ND		0.688	0.127	ND		0.688	0.127	0.709		0.688	0.127	ND		0.861	0.158	ND		0.688	0.127	ND		0.688	0.251	0.723		0.688	0.251	ND		0.984	0.358	ND		0.688	0.251
Dibromochloromethane	ND		1.70	0.523	ND		1.70	0.523	ND		1.7	0.523	ND		1.7	0.523	ND		1.70	0.523	ND		1.70	0.523	ND		2.13	0.654	ND		1.70	0.523	ND		1.70	0.482	ND		1.70	0.482	ND		1.70	0.482	ND		1.70	0.482	ND		2.44	0.688	ND		1.70	0.482
Dichlorodifluoromethane	1.64		0.989	0.288	2.07		0.989	0.288	1.55		0.989	0.288	1.43		0.989	0.288	2.22		0.989	0.288	2.13		0.989	0.288	2.64		0.989	0.288	3.15		1.24	0.360	2.42		0.989	0.288	2.24		0.989	0.374	1.92		0.989	0.374	2.74		1.41	0.534	2.31		0.989	0.374
Ethanol	ND		9.42	1.38	9.61		9.42	1.38	19.6		9.42	1.38	46		9.42	1.38	18.1		9.42	1.38	14.2		9.42	1.38	17.9		11.8	1.73	ND		9.42	1.38	ND		9.42	3.28	219		9.42	3.28	74.4		13.5	4.67	ND		9.42	3.28
Ethyl Acetate	ND		1.80	0.440	ND		1.80	0.440	ND		1.8	0.44	ND		1.8	0.44	ND		1.8	0.44	ND		1.80	0.440	ND		1.80	0.440	ND		2.25	0.548	ND		1.80	0.440	ND		1.80	1.07	2.39		1.80	1.07	ND		2.57	1.53	ND		1.80	1.07
Ethylbenzene	ND		0.869	0.188	ND		0.869	0.188	ND		0.869	0.188	ND		0.869	0.188	ND		0.869	0.188	ND		0.869	0.188	ND		0.869	0.188	ND		0.869	0.188	ND		1.09	0.235	ND		0.869	0.188	ND		0.869	0.250	5.39		0.869	0.250	9.99		1.24	0.357	ND		0.869	0.250
Hexachlorobutadiene	ND		2.13	0.564	ND		2.13	0.564	ND		2.13	0.564	ND		2.13	0.564	ND		2.13	0.564	ND		2.13	0.564	ND		2.13	0.564	ND		2.67	0.705	ND		2.13	0.564	ND		2.13	0.647	ND		2.13	0.647	ND		3.05	0.925	ND		2.13	0.647
Isopropanol	ND		1.23	1.17	ND		1.23	1.17	2.1		1.23	1.17	1.4		1.23	1.17	3.96		1.23	1.17	ND		1.23	1.17	ND		1.23	1.17	1.70		1.54	1.47	ND		1.23	1.17	ND		1.23	0.669	2.75		1.23	0.669	8.90		1.76	0.954	2.20		1.23	0.669
m,p-Xylene	ND		1.74	0.395	ND		1.74	0.395	ND		1.74	0.395	ND		1.74	0.395	ND		1.74	0.395	1.82		1.74	0.395	2.21		2.17	0.495	ND		1.74	0.395	2.04		1.74	0.543	17.7		1.74	0.543	35.1		2.48	0.773	ND		1.74	0.543
Methyl Ethyl Ketone (2-Butanone)	ND		1.47	0.142	ND		1.47	0.142	5.19		1.47	0.142	2.89		1.47	0.142	8.85		1.47	0.142	1.54		1.47	0.142	1.60		1.47	0.142	ND		1.84	0.178	ND		1.47	0.142	ND		1.47	0.292	13.4		1.47	0.292	21.2		2.11	0.416	ND		1.47	0.292
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ND		2.05	0.173	ND		2.05	0.173	ND		2.05	0.173	ND		2.05	0.173	ND		2.05	0.173	ND		2.05	0.173	ND		2.05	0.173	ND		2.05	0.173	ND		2.56	0.216	ND		2.05	0.173	ND		2.05	0.779	7.54		2.05	0.779	3.39		2.93	1.11	ND		2.05	0.779
Methyl Methacrylate	ND		2.05	0.285	ND		2.05	0.285	ND		2.05	0.285	-		-	-	ND		2.05	0.285	ND		2.05	0.285	ND		2.05	0.285	ND		2.56	0.357	ND		2.05	0.285	ND		2.05	0.925	ND		2.92	1.32	-		-	-	-		-	-
Methylene Chloride	ND		1.74	0.466	ND		1.74	0.466	ND		1.74	0.466	ND		1.74	0.466	3.35		1.74	0.466	ND		1.74	0.466	4.20		2.17	0.584	ND		1.74	0.466	ND		1.74	0.434	ND		1.74	0.434	39.6		2.48	0.618	1.97		1.74	0.434
Naphthalene	ND		1.05	0.464	ND		1.05	0.464	ND		1.05	0.464	-		-	-	3.75		1.05	0.464	ND		1.05	0.464	1.44		1.05	0.464	ND		1.31	0.582	ND		1.05	0.409	ND		1.05	0.409	ND		1.50	0.582	-		-	-	-		-	-
N-Heptane	-		-	-	-		-	-	-		-	-	ND		0.82	0.193	ND		0.82	0.193	ND		0.820	0.193	ND		0.820	0.193	ND		1.02	0.241	ND		0.820	0.193	ND		0.820	0.339	1.43		0.820	0.339	2.32		1.17	0.484	ND		0.820	0.339
N-Hexane	ND		0.705	0.128	ND		0.705	0.128	1.19		0.705	0.128	ND		0.705	0.128	ND		0.705	0.128	0.811		0.705	0.128	ND		0.881	0.160	ND		0.705	0.128	ND		0.705	0.262	1.78		0.705	0.262	ND		1.01	0.374	ND		0.705	0.262
o-Xylene (1,2-Dimethylbenzene)	ND		0.869	0.197	ND		0.869	0.197	ND		0.869	0.197	ND		0.869	0.197	ND		0.869	0.197	ND		0.869	0.197	ND		0.869	0.197	ND		1.09	0.246	ND		0.869	0.197	1.71		0.869	0.270	15.0		0.869	0.270	11.9		1.24	0.385	ND		0.869	0.270
Propylene	ND		0.861	0.103	ND		0.861	0.103	1.48		0.861	0.103	-		-	-	ND		0.861	0.103	ND		0.861	0.103	ND		0.861	0.103	ND		1.08	0.129	ND		0.861	0.103	ND		0.861	0.232	5.56		0.861	0.232	1.25		1.23	0.332	-		-	-
Styrene	ND		0.852	0.185	ND		0.852	0.185	ND		0.852	0.185	ND		0.852	0.185	ND		0.852	0.185	ND		0.852	0.185	ND		0.852	0.185	ND		1.06	0.231	ND		0.852	0.185	ND		0.852	0.254	1.67		0.852	0.254	ND		1.22	0.362	ND		0.852	0.254
Tert-Butyl Alcohol	-		-	-	-		-	-	-		-	-	2.67		1.52	0.141	4.21		1.52	0.141	ND		1.52	0.141	3.40		1.52	0.141	2.36		1.89	0.176	ND		1.52	0.141	ND		1.52	0.400	3.46		1.52	0.400	5.34		2.16	0.570	ND		1.52	0.400
Tert-Butyl Methyl Ether	ND		0.721	0.189	ND		0.721	0.189	ND		0.721	0.189	ND		0.721	0.189	ND		0.721	0.189	ND		0.721	0.189	ND		0.721	0.189	ND		0.901	0.237	ND		0.721	0.189	ND		0.721	0.162	ND		0.721	0.162	ND		1.03	0.232	ND		0.721	0.162
Tetrachloroethylene (PCE)	ND		1.36	0.444	ND		1.36	0.444	2.29		1.36	0.444	3.29		1.36	0.444	4.76		1.36	0.444	ND		1.36	0.444	2.81		1.36	0.444	13.4		1.70	0.555	ND		1.36	0.444	1.95		1.36	0.425	19.8		1.36	0.425	ND		1.94	0.607	ND		1.36	0.425
Tetrahydrofuran	ND		1.47	0.168	ND		1.47	0.168	ND		1.47	0.168	ND		1.47	0.168	ND		1.47	0.168	ND		1.47	0.168	ND		1.47	0.168	ND		1.84	0.209	ND		1.47	0.168	ND		1.47	0.345	6.08		1.47	0.345	10.6		2.11	0.493	ND		1.47	0.345
Toluene	1.51		0.754	0.196	ND		0.754	0.196	27.1		0.754	0.196	0.946		0.754	0.196	1.27		0.754	0.196	1.03		0.754	0.196	2.07		0.754	0.196	0.942		0.942	0.245	2.08		0.754	0.196	0.889		0.754	0.327	56.5		0.754	0.327	32.3		1.08	0.467	ND		0.754	0.327
Trans-1,2-Dichloroethene	ND		0.793	0.255	ND		0.793	0.255	ND		0.793	0.255	ND		0.793	0.255	ND		0.793	0.255	ND		0.793	0.255	ND		0.793	0.255	1.01		0.991	0.319	ND		0.793	0.255	ND		0.793	0.299	ND		0.793	0.299	ND		1.13	0.428	ND		0.793	0.299
Trans-1,3-Dichloropropene	ND		0.908	0.198	ND		0.908	0.198	ND		0.908	0.198	ND		0.908	0.198	ND		0.908	0.198	ND		0.908	0.198	ND		0.908	0.198	ND		1.13	0.247	ND		0.908	0.198	ND		0.908	0.355	ND		0.908	0.355	ND		1.30	0.508	ND		0.908	0.355
Trichloroethylene (TCE)	6.34		1.07	0.271	6.66		1.07	0.271	22.6		1.07	0.271	46.3		1.07	0.271	44.9		1.07	0.271	9.35		1.07	0.271	65.6		1.07	0.271	476		1.34	0.339	15.2		1.07	0.271	23.8		1.07	0.295	64.0		1.07	0.295	37.9		1.54	0.420	3.05		1.07	0.295
Trichlorofluoromethane	ND		1.12	0.386	ND		1.12	0.386	ND		1.12	0.386	1.38		1.12	0.386	3.05		1.12	0.386	1.65		1.12	0.386	2.76		1.12	0.386	23.9		1.40	0.482	1.80		1.12	0.386	1.44		1.12	0.442	1.82		1.12	0.442	ND		1.61	0.629	1.26		1.12	0.442
Vinyl Acetate	ND		3.52	0.169	ND		3.52	0.169	ND		3.52

Table 4 Soil Vapor Sampling Results
Standard Motor Products, Inc.
Long Island, Queens, New York

SAMPLING EVENT:	BASELINE				QUARTER 1				QUARTER 2				QUARTER 3				QUARTER 4				QUARTER 5				QUARTER 6				QUARTER 6				QUARTER 7				QUARTER 8				QUARTER 9				QUARTER 10				QUARTER 11				QUARTER 12			
SAMPLE LOCATION	SG-2				SG-2				SG-2				SG-2				SG-2				SG-2				SG-2 DUP				SG-2				SG-2				SG-2				SG-2				SG-2				SG-2			
LAB ID:	L2053280-02				L2107146-02				L2126491-02				L2142630-02				L2161709-02				L2208666-01				L2227173-09				L2227173-02				L2243181-02				L2266971-02				L2306777-07				L2327533-07				L2348799-07				L2367850-07			
COLLECTION DATE:	11/24/2020				02/12/2021				05/19/2021				08/09/2021				11/09/2021				02/17/2022				05/19/2022				05/19/2022				08/10/2022				11/29/2022				02/07/2023				05/17/2023				08/22/2023				11/14/2023			
	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS IN AIR																																																							
1,1,1-Trichloroethane	11.3		1.09	0.273	3.44		1.09	0.273	53.1		1.09	0.273	139		2.73	0.682	86.8		1.09	0.273	16.1		1.09	0.273	52.8		1.09	0.273	55.7		1.09	0.273	1220		6.06	1.52	40.0		1.09	0.273	43.2		1.09	0.335	202		9.11	2.79	1.37		1.09	0.335	ND		1.09	0.335
1,1,2,2-Tetrachloroethane	ND		1.37	0.422	ND		1.37	0.422	ND		1.37	0.422	ND		3.43	1.06	ND		1.37	0.422	ND		1.37	0.422	ND		1.37	0.422	ND		1.37	0.422	ND		7.62	2.34	ND		1.37	0.422	ND		1.37	0.357	ND		11.5	2.97	ND		1.37	0.357	ND		1.37	0.357
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1.53	0.503	ND		1.53	0.503	ND		1.53	0.503	ND		3.83	1.26	3.37		1.53	0.503	ND		1.53	0.503	2.61		1.53	0.503	2.26		1.53	0.503	78.9		8.51	2.79	1.75		1.53	0.503	ND		1.53	0.388	ND		12.8	3.23	ND		1.53	0.388	ND		1.53	0.388
1,1,2-Trichloroethane	ND		1.09	0.366	ND		1.09	0.366	ND		1.09	0.366	ND		2.73	0.917	ND		1.09	0.366	ND		1.09	0.366	ND		1.09	0.366	ND		1.09	0.366	ND		6.06	2.03	ND		1.09	0.366	ND		1.09	0.318	ND		9.11	2.65	ND		1.09	0.318	ND		1.09	0.318
1,1-Dichloroethane	8.22		0.809	0.254	2.59		0.809	0.254	32.4		0.809	0.254	43.7		2.02	0.635	47		0.809	0.254	10.7		0.809	0.254	26.0		0.809	0.254	27.2		0.809	0.254	311		4.49	1.41	20.6		0.809	0.254	24.0		0.809	0.230	129		6.76	1.91	ND		0.809	0.230	ND		0.809	0.230
1,1-Dichloroethene	ND		0.793	0.255	ND		0.793	0.255	ND		0.793	0.255	ND		1.98	0.638	ND		0.793	0.255	ND		0.793	0.255	ND		0.793	0.255	ND		0.793	0.255	5.19		4.40	1.42	ND		0.793	0.255	ND		0.793	0.225	ND		6.62	1.88	ND		0.793	0.225	ND		0.793	0.225
1,2,4-Trichlorobenzene	ND		1.48	0.500	ND		1.48	0.500	ND		1.48	0.5	ND		3.71	1.25	ND		1.48	0.5	ND		1.48	0.500	ND		1.48	0.500	ND		1.48	0.500	ND		8.24	2.78	ND		1.48	0.500	ND		1.48	0.742	ND		12.4	6.18	ND		1.48	0.742	ND		1.48	0.742
1,2,4-Trimethylbenzene	1.67		0.983	0.181	ND		0.983	0.181	1.25		0.983	0.181	ND		2.46	0.452	1.42		0.983	0.181	ND		0.983	0.181	1.58		0.983	0.181	2.42		0.983	0.181	ND		5.46	1.00	ND		0.983	0.181	ND		0.983	0.284	8.21		2.36	3.13	0.983	0.284	2.23	0.983	0.284
1,2-Dibromoethane (Ethylene Dibromide)	ND		1.54	0.431	ND		1.54	0.431	ND		1.54	0.431	ND		3.84	1.08	ND		1.54	0.431	ND		1.54	0.431	ND		1.54	0.431	ND		1.54	0.431	ND		8.53	2.40	ND		1.54	0.431	ND		1.54	0.418	ND		12.8	3.48	ND		1.54	0.418	ND		1.54	0.418
1,2-Dichlorobenzene	ND		1.20	0.378	ND		1.20	0.378	ND		1.2	0.378	ND		3.01	0.944	ND		1.2	0.378	ND		1.20	0.378	ND		1.20	0.378	ND		1.20	0.378	ND		6.67	2.10	ND		1.20	0.378	ND		1.20	0.372	ND		10.0	3.10	ND		1.20	0.372	ND		1.20	0.372
1,2-Dichloroethane	ND		0.809	0.244	ND		0.809	0.244	ND		0.809	0.244	ND		2.02	0.607	ND		0.809	0.244	ND		0.809	0.244	ND		0.809	0.244	ND		0.809	0.244	ND		4.49	1.35	ND		0.809	0.244	ND		0.809	0.319	ND		6.76	2.66	ND		0.809	0.319	ND		0.809	0.319
1,2-Dichloropropane	ND		0.924	0.282	ND		0.924	0.282	ND		0.924	0.282	ND		2.31	0.702	ND		0.924	0.282	ND		0.924	0.282	ND		0.924	0.282	ND		0.924	0.282	ND		5.13	1.57	ND		0.924	0.282	ND		0.924	0.292	ND		7.72	2.43	ND		0.924	0.292	ND		0.924	0.292
1,2-Dichlorotetrafluoroethane	ND		1.40	0.413	ND		1.40	0.413	ND		1.4	0.413	ND		3.49	1.03	ND		1.4	0.413	ND		1.40	0.413	ND		1.40	0.413	ND		1.40	0.413	ND		7.76	2.29	ND		1.40	0.413	ND		1.40	0.352	ND		11.7	2.94	ND		1.40	0.352	ND		1.40	0.352
1,3,5-Trimethylbenzene (Mesitylene)	ND		0.983	0.332	ND		0.983	0.332	ND		0.983	0.332	ND		2.46	0.831	ND		0.983	0.332	ND		0.983	0.332	ND		0.983	0.332	ND		0.983	0.332	ND		5.46	1.84	ND		0.983	0.332	ND		0.983	0.295	ND		8.21	2.46	ND		0.983	0.295	ND		0.983	0.295
1,3-Butadiene	ND		0.442	0.148	ND		0.442	0.148	ND		0.442	0.148	ND		1.11	0.372	ND		0.442	0.148	ND		0.442	0.148	ND		0.442	0.148	ND		0.442	0.148	ND		2.46	0.823	ND		0.442	0.148	ND		0.442	0.137	ND		3.69	1.14	ND		0.442	0.137	ND		0.442	0.137
1,3-Dichlorobenzene	ND		1.20	0.377	ND		1.20	0.377	ND		1.2	0.377	5.62		3.01	0.944	ND		1.2	0.377	ND		1.20	0.377	ND		1.20	0.377	ND		1.20	0.377	ND		6.67	2.09	ND		1.20	0.377	ND		1.20	0.467	ND		10.0	3.89	4.47		1.20	0.467	ND		1.20	0.467
1,4-Dichlorobenzene	ND		1.20	0.382	ND		1.20	0.382	ND		1.2	0.382	ND		3.01	0.956	ND		1.2	0.382	ND		1.20	0.382	ND		1.20	0.382	ND		1.20	0.382	ND		6.67	2.12	ND		1.20	0.382	ND		1.20	0.497	ND		10.0	4.14	ND		1.20	0.497	ND		1.20	0.497
1,4-Dioxane	ND		0.721	0.290	ND		0.721	0.290	ND		0.721	0.29	ND		1.8	0.724	ND		0.721	0.29	ND		0.721	0.290	ND		0.721	0.290	ND		0.721	0.290	ND		4.00	1.61	ND		0.721	0.290	ND		0.721	0.194	ND		6.02	1.61	ND		0.721	0.194	ND		0.721	0.194
2,2,4-Trimethylpentane	ND		0.934	0.169	ND		0.934	0.169	ND		0.934	0.169	ND		2.34	0.421	ND		0.934	0.169	ND		0.934	0.169	ND		0.934	0.169	ND		0.934	0.169	ND		5.18	0.934	ND		0.934	0.169	ND		0.934	0.323	ND		7.80	2.70	ND		0.934	0.323	ND		0.934	0.323
2-Hexanone	ND		0.820	0.266	ND		0.820	0.266	13.8		0.82	0.266	ND		2.05	0.664	ND		0.82	0.266	ND		0.820	0.266	ND		0.820	0.266	ND		0.820	0.266	ND		4.55	1.48	ND		0.820	0.266	ND		0.820	0.374	ND		6.84	3.11	ND		0.820	0.374	ND		0.820	0.374
4-Ethyltoluene	ND		0.983	0.182	ND		0.983	0.182	ND		0.983	0.182	ND		2.46	0.455	ND		0.983	0.182	ND		0.983	0.182	ND		0.983	0.182	ND		0.983	0.182	ND		5.46	1.01	ND		0.983	0.182	ND		0.983	0.272	ND		8.21	2.27	ND		0.983	0.272	ND		0.983	0.272
Acetone	57.5		2.38	1.64	31.6		2.38	1.64	142		2.38	1.64	15.6		5.94	4.09	12.4		2.38	1.64	4.99		2.38	1.64	13.0		2.38	1.64	8.12		2.38	1.64	58.2		13.2	9.10	8.62		2.38	1.64	2.90		2.38	1.22	ND		19.8	10.2	85.5		2.38	1.22	6.65		2.38	1.22
Allyl Chloride (3-Chloropropene)	ND		0.626	0.183	ND		0.626	0.183	ND		0.626	0.183	ND		1.57	0.457	ND		0.626	0.183	ND		0.626	0.183	ND		0.626	0.183	ND		0.626	0.183	ND		3.47	1.02	ND		0.626	0.183	ND		0.626	0.269	ND		5.23	2.24	ND		0.626	0.269	ND		0.626	0.269
Benzene	0.645		0.639	0.156	0.642		0.639	0.156	1.24		0.639	0.156	ND		1.6	0.39	0.684		0.639	0.156	ND		0.639	0.156	ND		0.639	0.156	ND		0.639	0.156	ND		3.55	0.863	ND		0.639	0.156	ND		0.639	0.205	ND		5.34	1.71	1.50		0.639	0.205	ND		0.639	0.205
Benzyl Chloride	ND		1.04	0.250	ND		1.04	0.250	ND		1.04	0.25	ND		2.59	0.621	ND		1.04	0.25	ND		1.04	0.250	ND		1.04	0.250	ND		1.04	0.250	ND		5.75	1.39	ND		1.04	0.250	ND		1.04	0.486	ND		8.65	4.05	ND		1.04	0.486	ND		1.04	0.486
Bromodichloromethane	ND		1.34	0.338	ND		1.34	0.338	ND		1.34	0.338	ND		3.35	0.844	ND		1.34	0.338	ND		1.34	0.338	ND		1.34	0.338	ND		1.34	0.338	ND		7.44	1.88	ND		1.34	0.338	ND		1.34	0.462	ND		11.2	3.85	ND		1.34	0.462	ND		1.34	0.462
Bromoform	ND		2.07	0.663	ND		2.07	0.663	ND		2.07	0.663	ND		5.17	1.65	ND		2.07	0.663	ND		2.07	0.663	ND		2.07	0.663	ND		2.07	0.663	ND		11.5	3.68	ND		2.07	0.663	ND		2.07	0.616	ND		17.3	5.14	ND		2.07	0.616	ND		2.07	0.616
Bromomethane	ND		0.777	0.300	ND		0.777	0.300	ND		0.777	0.3	ND		1.94	0.749	ND		0.777	0.3	ND		0.777	0.300	ND		0.777	0.300	ND		0.777	0.300	ND		4.31	1.67	ND		0.777	0.300	ND		0.777	0.212	ND		6.48	1.77	ND		0.777	0.212	ND		0.777	0.212
Carbon Disulfide	3.30		0.623	0.174	1.12		0.623	0.174	11.4		0.623	0.174	4.48		1.56	0.436	1.95		0.623	0.174	1.59		0.623	0.174	4.89		0.623	0.174	5.01		0.623	0.174	13.0		3.46	0.965	2.65		0.623	0.174	1.70		0.623	0.145	ND		5.20	1.21	0.679		0.623	0.145	ND		0.623	0.145
Carbon Tetrachloride	ND		1.26	0.314	ND		1.26	0.314	ND		1.26	0.314	ND		3.15	0.786	ND		1.26	0.314	ND		1.26	0.314	ND		1.26	0.314	ND		1.26	0.314	ND		6.98	1.74	ND		1.26	0.314	ND		1.26	0.432	ND		10.5	3.60	ND		1.26	0.432	ND		1.26	0.432
Chlorobenzene	ND		0.921	0.287	ND		0.921	0.287	ND		0.921	0.287	ND		2.3	0.718	ND		0.921	0.287	ND		0.921	0.287	ND		0.921	0.287	ND		0.921	0.287	ND		5.11	1.60	ND		0.921	0.287	ND		0.921	0.238	ND		7.69	1.98	ND		0.921	0.238	ND		0.921	0.238
Chloroethane	0.968		0.528	0.212	ND		0.528	0.212	45.1		0.528	0.212	8.34		1.32	0.53	3.09		0.528	0.212	0.794		0.528	0.212	6.36		0.528	0.212	7.07		0.528	0.212	62.0		2.93	1.18	0.945		0.528	0.212	0.932		0.528	0.171	12.7		4.41	1.43	1.69		0.528	0.171	ND		0.528	0.171
Chloroform	ND		0.977	0.309	ND		0.977	0.309	ND		0.977	0.309	ND		2.44	0.772	1.04		0.977	0.309	ND		0.977	0.309	ND		0.977	0.309	ND		0.977	0.309	ND		5.42	1.72	ND		0.977	0.309	ND		0.977	0.270	ND		8.16	2.25	ND		0.977	0.270	ND		0.977	0.270
Chloromethane	0.692		0.413	0.142	0.677		0.413	0.142	25.4		0.413	0.142	1.62		1.03	0.355	0.717		0.413	0.142	ND		0.413	0.142	1.44		0.413	0.142	1.69		0.413	0.142	9.23		2.29	0.791	ND		0.413	0.142	ND		0.413	0.119	ND		3.45	0.991	1.68		0.413	0.119	0.834		0.413	0.119
Cis-1,2-Dichloroethylene	71.8		0.793	0.464	24.6		0.793	0.464	37.7		0.793	0.464	47.6		1.98	1.16	32.6		0.793	0.464	10.3		0.793	0.464	26.6		0.793	0.464	27.4		0.793	0.464	190		4.40	2.58	22.7		0.793	0.464	38.2		0.793	0.236	183		6.62	1.97	ND		0.793	0.236	ND		0.793	0.236
Cis-1,3-Dichloropropene	ND		0.908	0.186	ND		0.908	0.186	ND		0.908	0.186	ND		2.27	0.463	ND		0.908	0.186	ND		0.908	0.186	ND		0.908	0.186	ND		0.908	0.186	ND		5.04	1.03	ND		0.908	0.186	ND		0.908	0.306	ND		7.58	2.55	ND		0.908	0.306	ND		0.908	0.306
Cyclohexane	ND		0.688	0.127	ND		0.688	0.127	6.64		0.688	0.127	ND		1.72	0.317	ND		0.688	0.127	ND		0.688	0.127	ND		0.688	0.127	0.795		0.688	0.127	ND		3.82	0.702	ND		0.688	0.127	ND		0.688	0.251	ND		5.75	2.09	2.12		0.688	0.251	ND		0.688	0.251
Dibromochloromethane	ND		1.70	0.523	ND		1.70	0.523	ND		1.7	0.523	ND		4.26	1.31	ND		1.7	0.523	ND		1.70	0.523	ND		1.70	0.523	ND		1.70	0.523	ND		9.46	2.91	ND		1.70	0.523	ND		1.70	0.482	ND		14.2	4.02	ND		1.70	0.482	ND		1.70	0.482
Dichlorodifluoromethane	1.89		0.989	0.288	2.13		0.989	0.288	1.77		0.989	0.288	ND		2.47	0.722	2.35		0.989	0.288	2.33		0.989	0.288	2.53		0.989	0.288	2.53		0.989	0.288	5.49		1.60	2.45		0.989	0.288	2.18		0.989	0.374	ND		8.26	3.12	2.36		0.989	0.374	2.34		0.989	0.374
Ethanol	ND		9.42	1.38	ND		9.42	1.38	18.5		9.42	1.38	ND		23.6	3.45	ND		9.42	1.38	ND		9.42	1.38	ND		9.42	1.38	ND		9.42	1.38	ND		52.4	7.67	ND		9.42	1.38	ND		9.42	3.28	ND		78.6	27.3	22.2		9.42	3.28	ND		9.42	3.28
Ethyl Acetate	ND		1.80	0.440	ND		1.80	0.440	ND		1.8	0.44	ND		4.5	1.1	ND		1.8	0.44	ND		1.80	0.440	ND		1.80	0.440	ND		1.80	0.440	ND		10.0	2.44	ND		1.80	0.440	ND		1.80	1.07	ND		15.0	8.90	ND		1.80	1.07	ND		1.80	1.07
Ethylbenzene	ND		0.869	0.188	ND		0.869	0.188	14.1		0.869	0.188	ND		2.17	0.469	ND		0.869	0.188	ND		0.869	0.188	ND		0.869	0.188	ND		0.869	0.188	ND		4.82	1.04	ND		0.869	0.188	ND		0.869	0.250	ND		7.25	2.08	ND		0.869	0.250	ND		0.869	0.250
Hexachlorobutadiene	ND		2.13	0.564	ND		2.13	0.564	ND		2.13	0.564	ND		5.33	1.41	ND		2.13	0.564	ND		2.13	0.564	ND		2.13	0.564	ND		2.13	0.564	ND		11.8	3.14	ND		2.13	0.564	ND		2.13	0.647	ND		17.8	5.40	ND		2.13	0.647	ND		2.13	0.647
Isopropanol	ND		1.23	1.17	ND		1.23	1.17	3.52		1.23	1.17	ND		3.07	2.95	1.89		1.23	1.17	ND		1.23	1.17	ND		1.23	1.17	ND		1.23	1.17	ND		6.83	6.54	ND		1.23	1.17	ND		1.23	0.669	ND		10.3	5.58	4.18		1.23	0.669	4.15		1.23	0.669
m,p-Xylene	1.75		1.74	0.395	2.32		1.74	0.395	47.8		1.74	0.395	ND		4.34	0.99	ND		1.74	0.395	ND		1.74	0.395	ND		1.74	0.395	ND		1.74	0.395	ND		9.64	2.20	ND		1.74	0.395	ND		1.74	0.543	ND		14.5	4.52	ND		1.74	0.543	2.71		1.74	0.543
Methyl Ethyl Ketone (2-Butanone)	1.96		1.47	0.142	2.53		1.47	0.142	60.8		1.47	0.142	9.02		3.69	0.354	2.67		1.47	0.142	2.07		1.47	0.142	7.55		1.47	0.142	4.13		1.47	0.142	21.1		8.20	0.790	ND		1.47	0.142	ND		1.47	0.292	ND		12.3	2.43	7.64		1.47	0.292	ND		1.47	0.292
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ND		2.05	0.173	ND		2.05	0.173	4.75		2.05	0.173	ND		5.12	0.43	ND		2.05	0.173	ND		2.05	0.173	ND		2.05	0.173	ND		2.05	0.173	ND		11.4	0.959	ND		2.05	0.173	ND		2.05	0.779	ND		17.1	6.48	ND		2.05	0.779	ND		2.05	0.779
Methyl Methacrylate	ND		2.05	0.285	ND		2.05	0.285	ND		2.05	0.285	-		-	-	ND		2.05	0.285	ND		2.05	0.285	ND		2.05	0.285	ND		2.05	0.285	ND		11.4	1.58	ND		2.05	0.285	ND		2.05	0.925	ND		17.1	7.70	ND		2.05	0.925	-		-	-
Methylene Chloride	13.6		1.74	0.466	5.80		1.74	0.466	2.45		1.74	0.466	ND		4.34	1.16	ND		1.74	0.466	ND		1.74	0.466	1.90		1.74	0.466	2.07		1.74	0.466	ND		9.66	2.58	ND		1.74	0.466	ND		1.74	0.434	ND		14.5	3.61	5.35		1.74	0.434	3.28		1.74	0.434
Naphthalene	ND		1.05	0.464	ND		1.05	0.464	ND		1.05	0.464	-		-	-	1.19		1.05	0.464	ND		1.05	0.464	1.50		1.05	0.464	1.41		1.05	0.464	ND		5.82	2.58	ND		1.05	0.464	ND		1.05	0.409	ND		8.76	3.41	3.98		1.05	0.409	-		-	-
N-Heptane	-		-	-	-		-	-	-		-	-	ND		2.05	0.484	ND		0.82	0.193	ND		0.820	0.193	0.844		0.820	0.193	ND		0.820	0.193	ND		4.55	1.07	0.869		0.820	0.193	ND		0.820	0.339	ND		6.84	2.83	10.8		0.820	0.339	ND		0.820	0.339
N-Hexane	1.89		0.705	0.128	1.17		0.705	0.128	14.7		0.705	0.128	ND		1.76	0.321	0.874		0.705	0.128	ND		0.705	0.128	1.29		0.705	0.128	1.47		0.705	0.128	ND		3.91	0.712	2.01		0.705	0.128	ND		0.705	0.262	ND		5.89	2.18	4.62		0.705	0.262	ND		0.705	0.262
o-Xylene (1,2-Dimethylbenzene)	ND		0.869	0.197	ND		0.869	0.197	10.4		0.869	0.197	ND		2.17	0.491	ND		0.869	0.197	ND		0.869	0.197	ND		0.869	0.197	ND		0.869	0.197	ND		4.82	1.09	ND		0.869	0.197	ND		0.869	0.270	ND		7.25	2.25	ND		0.869	0.270	0.890		0.869	0.270
Propylene	1.86		0.861	0.103	ND		0.861	0.103	53		0.861	0.103	-		-	-	1.24		0.861	0.103	ND		0.861	0.103	2.12		0.861	0.103	2.79		0.861	0.103	7.90		4.78	0.573	ND		0.861	0.103	ND		0.861	0.232	ND		7.18	1.93	3.34		0.861	0.232	-		-	-
Styrene	ND		0.852	0.185	ND		0.852	0.185	ND		0.852	0.185	ND		2.13	0.46	ND		0.852	0.185	ND		0.852	0.185	ND		0.852	0.185	ND		0.852	0.185	ND		4.73	1.03	ND		0.852	0.185	ND		0.852	0.254	ND		7.11	2.12	ND		0.852	0.254	ND		0.852	0.254
Tert-Butyl Alcohol	-		-	-	-		-	-	-		-	-	ND		3.79	0.352	ND		1.52	0.141	ND		1.52	0.141	ND		1.52	0.141	ND		1.52	0.141	ND		8.43	0.785	ND		1.52	0.141	ND		1.52	0.400	ND		12.6	3.33	3.55		1.52	0.400	ND		1.52	0.400
Tert-Butyl Methyl Ether	ND		0.721	0.189	ND		0.721	0.189	ND		0.721	0.189	ND		1.8	0.472	ND		0.721	0.189	ND		0.721	0.189	ND		0.721	0.189	ND		0.721	0.189	ND		4.00	1.05	ND		0.721	0.189	ND		0.721	0.162	ND		6.02	1.35	ND		0.721	0.162	ND		0.721	0.162
Tetrachloroethylene (PCE)	ND		1.36	0.444	ND		1.36	0.444	12.7		1.36	0.444	22.5		3.39	1.11	9.02		1.36	0.444	2.98		1.36	0.444	9.43		1.36	0.444	8.95		1.36	0.444	53.0		7.53	2.47	8.68		1.36	0.444	13.0		1.36	0.425	54.0		11.3	3.54	2.48		1.36	0.425	ND		1.36	0.425
Tetrahydrofuran	ND		1.47	0.168	ND		1.47	0.168	1.53		1.47	0.168	ND		3.69	0.419	ND		1.47	0.168	ND		1.47	0.168	ND		1.47	0.168	ND		1.47	0.168	ND		8.20	0.932	ND		1.47	0.168	ND		1.47	0.345	ND		12.3	2.88	ND		1.47	0.345	ND		1.47	0.345
Toluene	3.66		0.754	0.196	1.32		0.754	0.196	38.4		0.754	0.196	ND		1.88	0.49	1.73		0.754	0.196	1.04		0.754	0.196	1.47		0.754	0.196	1.78		0.754	0.196	18.2		4.18	1.09	18.2		0.754	0.196	18.2		0.754	0.327	59.9		0.754	0.327	2.57		0.754	0.327
Trans-1,2-Dichloroethene	0.995		0.793	0.255	ND		0.793	0.255	1.29		0.793	0.255	ND		1.98	0.638	1.41		0.793	0.255	ND		0.793	0.255	0.979		0.793	0.

Table 4 Soil Vapor Sampling Results
Standard Motor Products, Inc.
Long Island, Queens, New York

SAMPLING EVENT:	BASELINE				QUARTER 1				QUARTER 2				QUARTER 3				QUARTER 4				QUARTER 5				QUARTER 6				QUARTER 7				QUARTER 8				QUARTER 9				QUARTER 10				QUARTER 11				QUARTER 12			
SAMPLE LOCATION	SG-3				SG-3				SG-3				SG-3				SG-3				SG-3				SG-3				SG-3				SG-3				SG-3				SG-3				SG-3				SG-3			
LAB ID:	L2053280-03				L2107146-03				L2126491-03				L2142630-03				L2161709-03				L2208290-02				L2227173-03				L2243181-03				L2266971-03				L2306777-06				L2327533-06				L2348799-06				L2367850-06			
COLLECTION DATE:	11/24/2020				02/12/2021				05/19/2021				08/09/2021				11/09/2021				02/16/2022				05/19/2022				08/10/2022				11/29/2022				02/07/2023				05/17/2023				08/22/2023				11/14/2023			
	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS IN AIR																																																			
1,1,1-Trichloroethane	5.34		1.09	0.273	6.71		1.09	0.273	ND		1.09	0.273	18.3		1.09	0.273	39.2		1.09	0.273	4.92		1.09	0.273	14.8		1.09	0.273	355		1.09	0.273	3.94		1.09	0.273	2.84		1.09	0.335	3.64		1.09	0.335	109		1.09	0.335	17.8		1.09	0.335
1,1,2,2-Tetrachloroethane	ND		1.37	0.422	ND		1.37	0.422	ND		1.37	0.422	ND		1.37	0.422	ND		1.37	0.422	ND		1.37	0.422	ND		1.37	0.422	ND		1.37	0.422	ND		1.37	0.422	ND		1.37	0.357	ND		1.37	0.357	ND		1.37	0.357	ND		1.37	0.357
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1.53	0.503	ND		1.53	0.503	ND		1.53	0.503	ND		1.53	0.503	28.4		1.53	0.503	1.66		1.53	0.503	1.82		1.53	0.503	44.8		1.53	0.503	1.64		1.53	0.503	3.15		1.53	0.388	ND		1.53	0.388	3.75		1.53	0.388	5.41		1.53	0.388
1,1,2-Trichloroethane	ND		1.09	0.366	ND		1.09	0.366	ND		1.09	0.366	ND		1.09	0.366	ND		1.09	0.366	ND		1.09	0.366	ND		1.09	0.366	ND		1.09	0.366	ND		1.09	0.366	ND		1.09	0.318	ND		1.09	0.318	ND		1.09	0.318	ND		1.09	0.318
1,1-Dichloroethane	3.70		0.809	0.254	2.12		0.809	0.254	ND		0.809	0.254	7.33		0.809	0.254	36.3		0.809	0.254	2.56		0.809	0.254	5.30		0.809	0.254	74.5		0.809	0.254	1.61		0.809	0.254	1.60		0.809	0.230	2.32		0.809	0.230	43.7		0.809	0.230	12.7		0.809	0.230
1,1-Dichloroethene	ND		0.793	0.255	ND		0.793	0.255	ND		0.793	0.255	ND		0.793	0.255	ND		0.793	0.255	ND		0.793	0.255	ND		0.793	0.255	1.51		0.793	0.255	ND		0.793	0.255	ND		0.793	0.225	ND		0.793	0.225	1.29		0.793	0.225	ND		0.793	0.225
1,2,4-Trichlorobenzene	ND		1.48	0.500	ND		1.48	0.500	ND		1.48	0.5	ND		1.48	0.5	ND		1.48	0.5	ND		1.48	0.500	ND		1.48	0.500	ND		1.48	0.500	ND		1.48	0.500	ND		1.48	0.742	ND		1.48	0.742	ND		1.48	0.742	ND		1.48	0.742
1,2,4-Trimethylbenzene	1.28		0.983	0.181	ND		0.983	0.181	ND		0.983	0.181	3.74		0.983	0.181	1.73		0.983	0.181	2.52		0.983	0.181	ND		0.983	0.181	ND		0.983	0.181	ND		0.983	0.181	ND		0.983	0.284	6.24		0.983	0.284	3.70		0.983	0.284	ND		0.983	0.284
1,2-Dibromoethane (Ethylene Dibromide)	ND		1.54	0.431	ND		1.54	0.431	ND		1.54	0.431	ND		1.54	0.431	ND		1.54	0.431	ND		1.54	0.431	ND		1.54	0.431	ND		1.54	0.431	ND		1.54	0.431	ND		1.54	0.418	ND		1.54	0.418	ND		1.54	0.418	ND		1.54	0.418	ND		1.54	0.418
1,2-Dichlorobenzene	ND		1.20	0.378	ND		1.20	0.378	ND		1.2	0.378	ND		1.2	0.378	ND		1.2	0.378	ND		1.20	0.378	ND		1.20	0.378	ND		1.20	0.378	ND		1.20	0.378	ND		1.20	0.372	ND		1.20	0.372	ND		1.20	0.372	ND		1.20	0.372	ND		1.20	0.372
1,2-Dichloroethane	ND		0.809	0.244	ND		0.809	0.244	ND		0.809	0.244	ND		0.809	0.244	ND		0.809	0.244	ND		0.809	0.244	ND		0.809	0.244	ND		0.809	0.244	ND		0.809	0.244	ND		0.809	0.244	ND		0.809	0.319	ND		0.809	0.319	ND		0.809	0.319	ND		0.809	0.319
1,2-Dichloropropane	ND		0.924	0.282	ND		0.924	0.282	ND		0.924	0.282	ND		0.924	0.282	ND		0.924	0.282	ND		0.924	0.282	ND		0.924	0.282	ND		0.924	0.282	ND		0.924	0.282	ND		0.924	0.282	ND		0.924	0.292	ND		0.924	0.292	ND		0.924	0.292	ND		0.924	0.292
1,2-Dichlorotetrafluoroethane	ND		1.40	0.413	ND		1.40	0.413	ND		1.4	0.413	ND		1.4	0.413	ND		1.4	0.413	ND		1.40	0.413	ND		1.40	0.413	ND		1.40	0.413	ND		1.40	0.413	ND		1.40	0.352	ND		1.40	0.352	ND		1.40	0.352	ND		1.40	0.352	ND		1.40	0.352
1,3,5-Trimethylbenzene (Mesitylene)	ND		0.983	0.332	ND		0.983	0.332	ND		0.983	0.332	ND		0.983	0.332	ND		0.983	0.332	ND		0.983	0.332	ND		0.983	0.332	ND		0.983	0.332	ND		0.983	0.332	ND		0.983	0.332	ND		0.983	0.295	ND		0.983	0.295	1.28		0.983	0.295	ND		0.983	0.295
1,3-Butadiene	ND		0.442	0.148	ND		0.442	0.148	ND		0.442	0.148	ND		0.442	0.148	ND		0.442	0.148	ND		0.442	0.148	ND		0.442	0.148	ND		0.442	0.148	ND		0.442	0.148	ND		0.442	0.148	ND		0.442	0.137	ND		0.442	0.137	ND		0.442	0.137	ND		0.442	0.137	ND		0.442	0.137
1,3-Dichlorobenzene	ND		1.20	0.377	ND		1.20	0.377	ND		1.2	0.377	6.67		1.2	0.377	ND		1.2	0.377	ND		1.20	0.377	ND		1.20	0.377	ND		1.20	0.377	ND		1.20	0.377	ND		1.20	0.467	2.67		1.20	0.467	3.23		1.20	0.467	ND		1.20	0.467	ND		1.20	0.467
1,4-Dichlorobenzene	ND		1.20	0.382	ND		1.20	0.382	ND		1.2	0.382	ND		1.2	0.382	ND		1.2	0.382	ND		1.20	0.382	ND		1.20	0.382	ND		1.20	0.382	ND		1.20	0.382	ND		1.20	0.382	ND		1.20	0.497	ND		1.20	0.497	ND		1.20	0.497	ND		1.20	0.497	ND		1.20	0.497
1,4-Dioxane	ND		0.721	0.290	ND		0.721	0.290	ND		0.721	0.29	ND		0.721	0.29	ND		0.721	0.29	ND		0.721	0.290	ND		0.721	0.290	ND		0.721	0.290	ND		0.721	0.290	ND		0.721	0.290	ND		0.721	0.194	ND		0.721	0.194	1.31		0.721	0.194	ND		0.721	0.194	ND		0.721	0.194
2,2,4-Trimethylpentane	ND		0.934	0.169	ND		0.934	0.169	ND		0.934	0.169	ND		0.934	0.169	ND		0.934	0.169	ND		0.934	0.169	ND		0.934	0.169	ND		0.934	0.169	ND		0.934	0.169	ND		0.934	0.169	ND		0.934	0.323	ND		0.934	0.323	ND		0.934	0.323	ND		0.934	0.323	ND		0.934	0.323	ND		0.934	0.323
2-Hexanone	ND		0.820	0.266	ND		0.820	0.266	ND		0.82	0.266	ND		0.82	0.266	ND		0.82	0.266	ND		0.820	0.266	ND		0.820	0.266	ND		0.820	0.266	ND		0.820	0.266	ND		0.820	0.266	ND		0.820	0.374	ND		0.820	0.374	1.04		0.820	0.374	ND		0.820	0.374	ND		0.820	0.374	ND		0.820	0.374
4-Ethyltoluene	ND		0.983	0.182	ND		0.983	0.182	ND		0.983	0.182	ND		0.983	0.182	ND		0.983	0.182	ND		0.983	0.182	ND		0.983	0.182	ND		0.983	0.182	ND		0.983	0.182	ND		0.983	0.182	ND		0.983	0.272	ND		0.983	0.272	ND		0.983	0.272	ND		0.983	0.272	ND		0.983	0.272	ND		0.983	0.272
Acetone	56.1		2.38	1.64	3.66		2.38	1.64	18.8		2.38	1.64	7.91		2.38	1.64	ND		2.38	1.64	4.75		2.38	1.64	12.2		2.38	1.64	32.8		2.38	1.64	23.1		2.38	1.22	167		2.38	1.22	87.4		2.38	1.22	7.46		2.38	1.22	ND		2.38	1.22	ND		2.38	1.22
Allyl Chloride (3-Chloropropene)	ND		0.626	0.183	ND		0.626	0.183	ND		0.626	0.183	ND		0.626	0.183	ND		0.626	0.183	ND		0.626	0.183	ND		0.626	0.183	ND		0.626	0.183	ND		0.626	0.183	ND		0.626	0.183	ND		0.626	0.269	ND		0.626	0.269	ND		0.626	0.269	ND		0.626	0.269	ND		0.626	0.269	ND		0.626	0.269
Benzene	ND		0.639	0.156	ND		0.639	0.156	ND		0.639	0.156	ND		0.639	0.156	ND		0.639	0.156	ND		0.639	0.156	ND		0.639	0.156	ND		0.639	0.156	ND		0.639	0.156	ND		0.639	0.156	ND		0.639	0.156	ND		0.639	0.205	0.971		0.639	0.205	1.17		0.639	0.205	ND		0.639	0.205	ND		0.639	0.205
Benzyl Chloride	ND		1.04	0.250	ND		1.04	0.250	ND		1.04	0.25	ND		1.04	0.25	ND		1.04	0.25	ND		1.04	0.250	ND		1.04	0.250	ND		1.04	0.250	ND		1.04	0.250	ND		1.04	0.250	ND		1.04	0.250	ND		1.04	0.250	ND		1.04	0.250	ND		1.04	0.250	ND		1.04	0.486	ND		1.04	0.486	ND		1.04	0.486
Bromodichloromethane	ND		1.34	0.338	ND		1.34	0.338	ND		1.34	0.338	ND		1.34	0.338	ND		1.34	0.338	ND		1.34	0.338	ND		1.34	0.338	ND		1.34	0.338	ND		1.34	0.338	ND		1.34	0.338	ND		1.34	0.338	ND		1.34	0.462	ND		1.34	0.462	ND		1.34	0.462	ND		1.34	0.462	ND		1.34	0.462	ND		1.34	0.462
Bromoform	ND		2.07	0.663	ND		2.07	0.663	ND		2.07	0.663	ND		2.07	0.663	ND		2.07	0.663	ND		2.07	0.663	ND		2.07	0.663	ND		2.07	0.663	ND		2.07	0.663	ND		2.07	0.663	ND		2.07	0.663	ND		2.07	0.663	ND		2.07	0.616	ND		2.07	0.616	ND		2.07	0.616	ND		2.07	0.616	ND		2.07	0.616	ND		2.07	0.616
Bromomethane	ND		0.777	0.300	ND		0.777	0.300	ND		0.777	0.3	ND		0.777	0.3	ND		0.777	0.3	ND		0.777	0.300	ND		0.777	0.300	ND		0.777	0.300	ND		0.777	0.300	ND		0.777	0.300	ND		0.777	0.300	ND		0.777	0.300	ND		0.777	0.212	ND		0.777	0.212	ND		0.777	0.212	ND		0.777	0.212	ND		0.777	0.212	ND		0.777	0.212
Carbon Disulfide	ND		0.623	0.174	ND		0.623	0.174	ND		0.623	0.174	1.35		0.623	0.174	1.34		0.623	0.174	ND		0.623	0.174	1.35		0.623	0.174	6.04		0.623	0.174	ND		0.623	0.174	ND		0.623	0.174	ND		0.623	0.145	1.25		0.623	0.145	2.83		0.623	0.145	ND		0.623	0.145	ND		0.623	0.145	ND		0.623	0.145
Carbon Tetrachloride	ND		1.26	0.314	ND		1.26	0.314	ND		1.26	0.314	ND		1.26	0.314	ND		1.26	0.314	ND		1.26	0.314	ND		1.26	0.314	ND		1.26	0.314	ND		1.26	0.314	ND		1.26	0.314	ND		1.26	0.314	ND		1.26	0.314	ND		1.26	0.432	ND		1.26	0.432	ND		1.26	0.432	ND		1.26	0.432	ND		1.26	0.432	ND		1.26	0.432
Chlorobenzene	ND		0.921	0.287	ND		0.921	0.287	ND		0.921	0.287	ND		0.921	0.287	ND		0.921	0.287	ND		0.921	0.287	ND		0.921	0.287	ND		0.921	0.287	ND		0.921	0.287	ND		0.921	0.287	ND		0.921	0.287	ND		0.921	0.287	ND		0.921	0.238	ND		0.921	0.238	ND		0.921	0.238	ND		0.921	0.238	ND		0.921	0.238	ND		0.921	0.238
Chloroethane	ND		0.528	0.212	ND		0.528	0.212	ND		0.528	0.212	1.5		0.528	0.212	1.18		0.528	0.212	ND		0.528	0.212	1.75		0.528	0.212	11.4		0.528	0.212	ND		0.528	0.212	ND		0.528	0.212	ND		0.528	0.171	0.961		0.528	0.171	2.88		0.528	0.171	0.575		0.528	0.171	ND		0.528	0.171	ND		0.528	0.171
Chloroform	ND		0.977	0.309	ND		0.977	0.309	ND		0.977	0.309

Table 4 Soil Vapor Sampling Results
Standard Motor Products, Inc.
Long Island, Queens, New York

SAMPLING EVENT:	BASELINE				QUARTER 1				QUARTER 2				QUARTER 3				QUARTER 4				QUARTER 5				QUARTER 6				QUARTER 7				QUARTER 8				QUARTER 9				QUARTER 10				QUARTER 11				QUARTER 12			
SAMPLE LOCATION	SG-4				SG-4				SG-4				SG-4				SG-4				SG-4				SG-4				SG-4				SG-4				SG-4				SG-4				SG-4				SG-4			
LAB ID:	L2053280-04				L2107146-04				L2126491-04				L2142630-04				L2161709-04				L2208290-03				L2227173-04				L2243181-04				L2266971-04				L2306777-04				L2327533-04				L2348799-04				L2367850-04			
COLLECTION DATE:	11/24/2020				02/12/2021				05/19/2021				08/09/2021				11/9/2021				02/16/2022				05/19/2022				08/09/2022				11/29/2022				02/07/2023				05/17/2023				08/22/2023				11/14/2023			
	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS IN AIR																																																			
1,1,1-Trichloroethane	687		3.90	0.977	2.41		1.09	0.273	126		4.2	1.05	21.8		1.09	0.273	20.5		1.09	0.273	1.16		1.09	0.273	1.33		1.09	0.273	14.7		1.09	0.273	13.1		1.09	0.273	14200		40.8	12.5	13400		49.0	15.1	1190		3.64	1.12	225		1.09	0.335
1,1,2,2-Tetrachloroethane	ND		4.90	1.50	ND		1.37	0.422	ND		5.28	1.62	ND		1.37	0.422	ND		1.37	0.422	ND		1.37	0.422	ND		1.37	0.422	ND		1.37	0.422	ND		1.37	0.422	ND		25.7	6.67	ND		61.7	16.0	ND		4.58	1.19	ND		1.37	0.357
1,1,2-Trichloro-1,2,2-Trifluoroethane	10.7		5.47	1.79	ND		1.53	0.503	ND		5.89	1.93	11.7		1.53	0.503	ND		1.53	0.503	ND		1.53	0.503	ND		1.53	0.503	ND		1.53	0.503	ND		1.53	0.503	82.8		28.7	7.25	241		68.8	17.4	156		5.11	1.30	31.0		1.53	0.388
1,1,2-Trichloroethane	ND		3.90	1.30	ND		1.09	0.366	ND		4.2	1.41	ND		1.09	0.366	ND		1.09	0.366	ND		1.09	0.366	ND		1.09	0.366	ND		1.09	0.366	1.67		1.09	0.366	ND		20.4	5.95	ND		49.0	14.2	ND		3.64	1.06	ND		1.09	0.318
1,1-Dichloroethane	826		2.89	0.907	1.66		0.809	0.254	83.4		3.11	0.979	19.1		0.809	0.254	15.1		0.809	0.254	0.809		0.809	0.254	3.47		0.809	0.254	10.2		0.809	0.254	30.4		0.809	0.254	1540		15.1	4.29	4490		36.3	10.3	911		2.70	0.765	166		0.809	0.230
1,1-Dichloroethene	ND		2.83	0.912	ND		0.793	0.255	ND		3.05	0.979	ND		0.793	0.255	ND		0.793	0.255	ND		0.793	0.255	ND		0.793	0.255	ND		0.793	0.255	ND		0.793	0.255	ND		14.8	4.20	ND		35.6	10.1	2.64		2.64	0.749	0.793		0.793	0.225
1,2,4-Trichlorobenzene	ND		5.30	1.79	ND		1.48	0.500	ND		5.71	1.92	ND		1.48	0.5	ND		1.48	0.5	ND		1.48	0.500	ND		1.48	0.500	ND		1.48	0.500	ND		1.48	0.500	ND		27.8	13.9	ND		66.7	33.3	ND		4.95	2.47	ND		1.48	0.742
1,2,4-Trimethylbenzene	ND		3.51	0.644	ND		0.983	0.181	ND		3.78	0.698	1.66		0.983	0.181	4.55		0.983	0.181	1.84		0.983	0.181	2.41		0.983	0.181	1.43		0.983	0.181	ND		0.983	0.181	ND		18.4	5.31	ND		44.1	12.7	ND		3.28	0.944	3.37		0.983	0.284
1,2-Dibromoethane (Ethylene Dibromide)	ND		5.49	1.54	ND		1.54	0.431	ND		5.91	1.66	ND		1.54	0.431	ND		1.54	0.431	ND		1.54	0.431	ND		1.54	0.431	ND		1.54	0.431	ND		1.54	0.431	ND		28.7	7.84	ND		69.0	18.8	ND		5.13	1.39	ND		1.54	0.418
1,2-Dichlorobenzene	ND		4.29	1.35	ND		1.20	0.378	ND		4.62	1.45	ND		1.2	0.378	ND		1.2	0.378	ND		1.20	0.378	ND		1.20	0.378	ND		1.20	0.378	ND		1.20	0.378	ND		22.5	6.97	ND		54.0	16.7	ND		4.01	1.24	ND		1.20	0.372
1,2-Dichloroethane	ND		2.89	0.870	ND		0.809	0.244	ND		3.11	0.939	ND		0.809	0.244	ND		0.809	0.244	ND		0.809	0.244	ND		0.809	0.244	ND		0.809	0.244	ND		0.809	0.244	ND		15.1	5.95	ND		36.3	14.3	ND		2.70	1.06	ND		0.809	0.319
1,2-Dichloropropane	ND		3.30	1.01	ND		0.924	0.282	ND		3.55	1.09	ND		0.924	0.282	ND		0.924	0.282	ND		0.924	0.282	ND		0.924	0.282	ND		0.924	0.282	ND		0.924	0.282	ND		17.3	5.45	ND		41.5	13.1	ND		3.08	0.971	ND		0.924	0.292
1,2-Dichlorotetrafluoroethane	ND		4.99	1.47	ND		1.40	0.413	ND		5.38	1.59	ND		1.4	0.413	ND		1.4	0.413	ND		1.40	0.413	ND		1.40	0.413	ND		1.40	0.413	ND		1.40	0.413	ND		26.1	6.58	ND		62.8	15.8	ND		4.66	1.17	ND		1.40	0.352
1,3,5-Trimethylbenzene (Mesitylene)	ND		3.51	1.18	ND		0.983	0.332	ND		3.78	1.28	ND		0.983	0.332	ND		0.983	0.332	ND		0.983	0.332	ND		0.983	0.332	ND		0.983	0.332	ND		0.983	0.332	ND		18.4	5.51	ND		44.1	13.2	ND		3.28	0.983	ND		0.983	0.295
1,3-Butadiene	ND		1.58	0.529	ND		0.442	0.148	ND		1.7	0.571	ND		0.442	0.148	ND		0.442	0.148	ND		0.442	0.148	ND		0.442	0.148	ND		0.442	0.148	ND		0.442	0.148	ND		8.27	2.57	ND		19.9	6.15	ND		1.48	0.456	ND		0.442	0.137
1,3-Dichlorobenzene	ND		4.29	1.35	ND		1.20	0.377	ND		4.62	1.45	5.5		1.2	0.377	ND		1.2	0.377	ND		1.20	0.377	ND		1.20	0.377	1.85		1.20	0.377	ND		1.20	0.377	ND		22.5	8.72	ND		54.0	21.0	ND		4.01	1.56	ND		1.20	0.467
1,4-Dichlorobenzene	ND		4.29	1.36	ND		1.20	0.382	ND		4.62	1.47	ND		1.2	0.382	ND		1.2	0.382	ND		1.20	0.382	ND		1.20	0.382	ND		1.20	0.382	ND		1.20	0.382	ND		22.5	9.26	ND		54.0	22.3	ND		4.01	1.65	ND		1.20	0.497
1,4-Dioxane	ND		2.57	1.03	ND		0.721	0.290	ND		2.77	1.12	ND		0.721	0.29	ND		0.721	0.29	ND		0.721	0.290	ND		0.721	0.290	ND		0.721	0.290	ND		0.721	0.290	ND		13.5	3.64	ND		32.4	8.68	ND		2.40	0.645	ND		0.721	0.194
2,2,4-Trimethylpentane	ND		3.33	0.603	ND		0.934	0.169	ND		3.59	0.649	ND		0.934	0.169	ND		0.934	0.169	ND		0.934	0.169	1.31		0.934	0.169	ND		0.934	0.169	ND		0.934	0.169	ND		17.5	6.03	ND		41.9	14.5	ND		3.12	1.08	ND		0.934	0.323
2-Hexanone	ND		2.93	0.947	ND		0.820	0.266	7.99		3.15	1.02	ND		0.82	0.266	0.996		0.82	0.266	ND		0.820	0.266	ND		0.820	0.266	1.09		0.820	0.266	ND		0.820	0.266	ND		15.3	6.97	ND		36.8	16.8	ND		2.73	1.25	ND		0.820	0.374
4-Ethyltoluene	ND		3.51	0.649	ND		0.983	0.182	ND		3.78	0.698	ND		0.983	0.182	ND		0.983	0.182	ND		0.983	0.182	ND		0.983	0.182	ND		0.983	0.182	ND		0.983	0.182	ND		18.4	5.11	ND		44.1	12.2	ND		3.28	0.909	ND		0.983	0.272
Acetone	60.1		8.48	5.84	44.7		2.38	1.64	423		9.15	6.29	11.2		2.38	1.64	78.2		2.38	1.64	8.65		2.38	1.64	16.3		2.38	1.64	134		2.38	1.64	14.1		2.38	1.64	ND		44.4	22.9	ND		107	54.9	52.3		7.91	4.09	5.37		2.38	1.22
Allyl Chloride (3-Chloropropene)	ND		2.23	0.654	ND		0.626	0.183	ND		2.41	0.704	ND		0.626	0.183	ND		0.626	0.183	ND		0.626	0.183	ND		0.626	0.183	ND		0.626	0.183	ND		0.626	0.183	ND		11.7	5.04	ND		28.1	12.1	ND		2.09	0.898	ND		0.626	0.269
Benzene	ND		2.28	0.556	ND		0.639	0.156	ND		2.46	0.597	ND		0.639	0.156	0.709		0.639	0.156	ND		0.639	0.156	0.968		0.639	0.156	1.03		0.639	0.156	ND		0.639	0.156	ND		11.9	3.83	ND		28.7	9.20	ND		2.13	0.684	ND		0.639	0.205
Benzyl Chloride	ND		3.70	0.891	ND		1.04	0.250	ND		3.98	0.958	ND		1.04	0.25	ND		1.04	0.25	ND		1.04	0.250	ND		1.04	0.250	ND		1.04	0.250	ND		1.04	0.250	ND		19.4	9.11	ND		46.5	21.8	ND		3.45	1.62	ND		1.04	0.486
Bromodichloromethane	ND		4.78	1.21	ND		1.34	0.338	ND		5.15	1.3	ND		1.34	0.338	ND		1.34	0.338	ND		1.34	0.338	ND		1.34	0.338	ND		1.34	0.338	ND		1.34	0.338	ND		1.34	0.338	ND		25.1	8.64	ND		60.2	20.7	ND		4.47	1.54	ND		1.34	0.462
Bromoform	ND		7.38	2.37	ND		2.07	0.663	ND		7.95	2.54	ND		2.07	0.663	ND		2.07	0.663	ND		2.07	0.663	ND		2.07	0.663	ND		2.07	0.663	ND		2.07	0.663	ND		2.07	0.663	ND		38.7	11.5	ND		92.8	27.6	ND		6.90	2.06	ND		2.07	0.616
Bromomethane	ND		2.77	1.07	ND		0.777	0.300	ND		2.99	1.15	ND		0.777	0.3	ND		0.777	0.3	ND		0.777	0.300	ND		0.777	0.300	ND		0.777	0.300	ND		0.777	0.300	ND		0.777	0.300	ND		14.5	3.96	ND		34.9	9.51	ND		2.59	0.707	ND		0.777	0.212
Carbon Disulfide	3.86		2.22	0.623	ND		0.623	0.174	ND		2.39	0.67	ND		0.623	0.174	ND		0.623	0.174	ND		0.623	0.174	ND		0.623	0.174	1.20		0.623	0.174	ND		0.623	0.174	ND		11.6	2.71	ND		28.0	6.51	ND		2.08	0.483	ND		0.623	0.145
Carbon Tetrachloride	ND		4.49	1.12	ND		1.26	0.314	ND		4.84	1.21	ND		1.26	0.314	ND		1.26	0.314	ND		1.26	0.314	ND		1.26	0.314	ND		1.26	0.314	ND		1.26	0.314	ND		1.26	0.314	ND		23.5	8.05	ND		56.5	19.4	ND		4.20	1.44	ND		1.26	0.432
Chlorobenzene	ND		3.29	1.03	ND		0.921	0.287	ND		3.54	1.11	ND		0.921	0.287	ND		0.921	0.287	ND		0.921	0.287	ND		0.921	0.287	ND		0.921	0.287	ND		0.921	0.287	ND		0.921	0.287	ND		17.2	4.44	ND		41.4	10.7	ND		3.07	0.792	ND		0.921	0.238
Chloroethane	28.5		1.88	0.757	ND		0.528	0.212	3.96		2.03	0.818	1.16		0.528	0.212	ND		0.528	0.212	ND		0.528	0.212	ND		0.528	0.212	ND		0.528	0.212	1.77		0.528	0.212	ND		0.528	0.212	42.7		9.87	3.19	215		23.7	7.68	158		1.76	0.570	81.8		0.528	0.171
Chloroform	ND		3.49	1.10	ND		0.977	0.309	ND		3.76	1.19	ND		0.977	0.309	ND		0.977	0.309	ND		0.977	0.309	ND		0.977	0.309	ND		0.977	0.309	ND		0.977	0.309	ND		0.977	0.309	ND		18.3	5.03	ND		43.9	12.1	ND		3.26	0.899	ND		0.977	0.270
Chloromethane	ND		1.47	0.508	ND		0.413	0.142	2.44		1.59	0.547	0.748		0.413	0.142	1.03		0.413	0.142	1.23		0.413	0.142	1.18		0.413	0.142	2.07		0.413	0.142	1.03		0.413	0.142	ND		7.72	2.23	ND		18.5	5.33	ND		1.38	0.396	0.566		0.413	0.119
Cis-1,2-Dichloroethylene	327		2.83	1.66	1.65		0.793	0.464	84.1		3.05	1.78	3.57		0.793	0.464	6.3		0.793	0.464	ND		0.793	0.464	1.57		0.793	0.464	5.31		0.793	0.464	15.5		0.793	0.464	112		14.8	4.40	535		35.6	10.6	218		2.64	0.785	35.2		0.793	0.236
Cis-1,3-Dichloropropene	ND		3.24	0.663	ND		0.908	0.186	ND		3.49	0.713	ND		0.908	0.186	ND		0.908	0.186	ND		0.908	0.186	ND		0.908	0.186	ND		0.908	0.186	ND		0.908	0.186	ND		0.908	0.186	ND		17.0	5.72	ND		40.8	13.7	ND		3.03	1.02	ND		0.908	0.306
Cyclohexane	ND		2.46	0.451	ND		0.688	0.127	61.6		2.65	0.489	ND		0.688	0.127	ND		0.688	0.127	ND		0.688	0.127	ND		0.688	0.127	ND		0.688	0.127	ND		0.688	0.127	ND		0.688	0.127	ND		12.9	4.68	ND		30.9	11.3	5.47		2.30	0.836	ND		0.688	0.251
Dibromochloromethane	ND		6.08	1.87	ND		1.70	0.523	ND		6.55	2.01	ND		1.7	0.523	ND		1.7	0.523	ND		1.70	0.523	ND		1.70	0.523	ND		1.70	0.523	ND		1.70	0.523	ND		1.70	0.523	ND		31.9	9.03	ND		76.5	21.6	ND		5.68	1.61	ND		1.70	0.482
Dichlorodifluoromethane	ND		3.53	1.03	2.07		0.989	0.288	ND		3.8	1.11	1.43		0.989	0.288	2.34		0.989	0.288	2.29		0.989	0.288	2.64		0.989	0.288	2.31		0.989	0.288	2.32		0.989	0.288	ND		18.5	7.02	ND		44.4	16.8	ND		3.30	1.25	2.30		0.989	0.374
Ethanol	ND		33.5	4.94	ND		9.42	1.38	66.7		36.2	5.31	21.5		9.42	1.38	28.5		9.42	1.38	ND		9.42	1.38	11.1		9.42	1.38	16.0		9.42	1.38	ND		9.42	1.38	ND		176	61.2	ND		422	147	124		31.5	10.9	ND		9.42	3.28
Ethyl Acetate	ND		6.41	1.57	ND		1.80	0.440	ND		6.92	1.69	ND		1.8	0.44	4.72		1.8	0.44	ND		1.80	0.440	ND		1.80	0.440	ND		1.80	0.440	ND		1.80	0.440	ND		1.80	0.440	ND		33.7	20.0	ND		80.7	47.9	ND		6.02	3.57	ND		1.80	1.07
Ethylbenzene	ND		3.10	0.669	ND		0.869	0.188	ND		3.34	0.721	ND		0.869	0.188	ND		0.869	0.188	ND		0.869	0.188	ND		0.869	0.188	ND		0.869	0.188	5.47		0.869	0.188	ND		0.869	0.188	ND		16.2	4.69	ND		39.0	11.2	ND		2.90	0.834	4.82		0.869	0.250
Hexachlorobutadiene	ND		7.62	2.02	ND		2.13	0.564	ND		8.2	2.17	ND		2.13	0.564	ND		2.13	0.564	ND		2.13	0.564	ND		2.13	0.564	ND		2.13	0.564	ND		2.13	0.564	ND		2.13	0.564	ND		39.9	12.2	ND		95.8	29.0	ND		7.11	2.15	ND		2.13	0.647
Isopropanol	ND		4.38	4.20	ND		1.23	1.17	12		4.72	4.52	ND		1.23	1.17	8.6		1.23	1.17	ND		1.23	1.17	ND		1.23	1.17	6.74		1.23	1.17	ND		1.23	1.17	ND		23.0	12.5	ND		55.1	30.0	7.89		4.10	2.23	ND		1.23	0.669
m,p-Xylene	ND		6.21	1.41	ND		1.74	0.395	ND		6.69	1.52	ND		1.74	0.395	2.94		1.74	0.395	ND		1.74	0.395	2.39		1.74	0.395	21.1		1.74	0.395	1.88		1.74	0.395	ND		32.5	10.2	ND		78.2	24.4	ND		5.78	1.81	18.5		1.74	0.543
Methyl Ethyl Ketone (2-Butanone)	ND		5.25	0.507	1.78		1.47	0.142	113		5.66	0.546	1.57		1.47	0.142	18.7		1.47	0.142	2.29		1.47	0.142	2.88		1.47	0.142	17.8		1.47	0.142	ND		1.47	0.142	ND		27.6	5.46	ND		66.1	13.1	ND		4.93	0.973	ND		1.47	0.292
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ND		7.29	0.615	ND		2.05	0.173	ND		7.87	0.664	ND		2.05	0.173	ND		2.05	0.173	ND		2.05	0.173	ND		2.05	0.173	ND		2.05	0.173	ND		2.05	0.173	ND		2.05	0.173	ND		38.3	14.5	ND		91.8	35.0	ND		6.84	2.59	ND		2.05	0.779
Methyl Methacrylate	ND		7.29	1.02	ND		2.05	0.285	ND		7.86	1.1	-		-	-	ND		2.05	0.285	ND		2.05	0.285	ND		2.05	0.285	ND		2.05	0.285	ND		2.05	0.285	ND		2.05	0.285	ND		38.3	17.3	ND		91.7	41.4	ND		6.84	3.08	-		-	-
Methylene Chloride	9.17		6.18	1.66	ND		1.74	0.466	ND		6.67	1.79	ND		1.74	0.466	ND		1.74	0.466	1.99		1.74	0.466	ND		1.74	0.466	ND		1.74	0.466	ND		1.74	0.466	3.21		1.74	0.466	ND		32.5	8.13	ND		77.8	19.5	6.29		5.80	1.45	3.47		1.74	0.434
Naphthalene	ND		3.74	1.66	ND		1.05	0.464	ND		4.03	1.78	-		-	-	3.65		1.05	0.464	ND		1.05	0.464	1.07		1.05	0.464	1.75		1.05	0.464	ND		1.05	0.464	ND		19.6	7.66	ND		47.1	18.4	ND		3.50	1.36	-		-	-
N-Heptane	-		-	-	-		-	-	-		-	-	ND		0.82	0.193	ND		0.82	0.193	ND		0.820	0.193	ND		0.820	0.193	3.49		0.820	0.193	ND		0.820	0.193	ND		15.3	6.35	ND		36.8	15.2	15.5		2.73	1.13	ND		0.820	0.339
N-Hexane	ND		2.52	0.458	ND		0.705	0.128	98		2.71	0.493	ND		0.705	0.128	1.03		0.705	0.128	ND		0.705	0.128	1.09		0.705	0.128	1.53		0.705	0.128	1.25		0.705	0.128	ND		13.2	4.90	ND		31.6	11.7	14.3		2.35	0.874	ND		0.705	0.262
o-Xylene (1,2-Dimethylbenzene)	ND		3.10	0.704	ND		0.869	0.197	ND		3.34	0.756	ND		0.869	0.197	0.895		0.869	0.197	ND		0.869	0.197	0.916		0.869	0.197	5.86		0.869	0.197	ND		0.869	0.197	ND		16.2	5.04	ND		39.0	12.1	ND		2.90	0.899	4.91		0.869	0.270
Propylene	ND		3.06	0.368	ND		0.861	0.103	6.08		3.3	0.396	-		-	-	1.15		0.861	0.103	ND		0.861	0.103	ND		0.861	0.103	ND		0.861	0.103	ND		0.861	0.103	ND		0.861	0.103	ND		16.1	4.34	ND		38.6	10.4	ND		2.87	0.774	-		-	-
Styrene	ND		3.04	0.660	ND		0.852	0.185	ND		3.27	0.711	ND		0.852	0.185	ND		0.852	0.185	ND		0.852	0.185	ND		0.852	0.185	ND		0.852	0.185	ND		0.852	0.185	ND		0.852	0.185	ND		15.9	4.73	ND		38.2	11.4	ND		2.84	0.847	ND		0.852	0.254
Tert-Butyl Alcohol	-		-	-	-		-	-	-		-	-	1.72		1.52	0.141	3.09		1.52	0.141	ND		1.52	0.141	2.39		1.52	0.141	3.40		1.52	0.141	ND		1.52	0.141	ND		28.3	7.49	ND		67.9	17.9	ND		5.06	1.33	ND		1.52	0.400
Tert-Butyl Methyl Ether	ND		2.57	0.674	ND		0.721	0.189	ND		2.77	0.728	ND		0.721	0.189	ND		0.721	0.189	ND		0.721	0.189	ND		0.721	0.189	ND		0.721	0.189	ND		0.721	0.189	ND		0.721	0.189	ND		13.5	3.04	ND		32.4	7.28	ND		2.40	0.541	ND		0.721	0.162
Tetrachloroethylene (PCE)	35.3		4.84	1.59	ND		1.36	0.444	10.3		5.21	1.71	ND		1.36	0.444	2.21		1.36	0.444	ND		1.36	0.444	ND		1.36	0.444	1.53		1.36	0.444	51.0		25.4	7.93	ND		60.9	19.1	53.4		4.52	1.42	2.60		1.36	0.425
Tetrahydrofuran	9.53		5.25	0.599	ND		1.47	0.168	ND		5.66	0.643	ND		1.47	0.168	ND		1.47	0.168	ND		1.47	0.168	ND		1.47	0.168	ND		1.47	0.168	ND		1.47	0.168	ND		1.47	0.168	ND		27.6	6.46	69.3		66.1	15.5	ND		4.93	1.15	1.58		1.47	0.345
Toluene	4.45		2.69	0.701	ND		0.754	0.196	1110		2.9	0.754	2.06		0.754	0.196	4.52		0.754	0.196	4.48		0.754	0.196	5.62		0.754	0.196	2.29		0.754	0.196	13.7		0.754	0.196	ND		14.1	6.10	ND		33.8	14.7	57.3		2.51	1.09	1.32		0.754	0.327
Trans-1,2-Dichloroethene	5.67		2.83	0.912	ND		0.793	0.255	ND		3.05	0.979	ND		0.793	0.255	ND		0.793	0.255	ND		0.793	0.255	ND		0.793	0.255	ND		0.793	0.255	ND		0.793	0.255	ND		0.793	0.255	ND		14.8	5.59	ND		35.6	13.4	3.38		2.64	0.999	ND		0.793	0.299
Trans-1,3-Dichloropropene	ND		3.24	0.708	ND		0.908	0.198	ND		3.49	0.763	ND		0.908	0.198	ND		0.908	0.198	ND		0.908	0.198	ND		0.908	0.198	ND		0.908	0.198	ND		0.908	0.198	ND		0.908	0.198	ND		17.0	6.63	ND		40.8	15.9	ND		3.03	1.18	ND		0.908	0.355
Trichloroethylene (TCE)	338		3.84	0.967	40.7		1.07	0.271	239		4.13	1.04	4.73		1.07	0.271	31.6		1.07	0.271	4.27		1.07	0.271	27.5		1.07	0.271	5.27		1.07	0.271	406		20.1	5.48	865		48.3	13.2	298		3.58	0.983	14.5		1.07	0.295
Trichlorofluoromethane	4.74		4.01	1.38	ND		1.12	0.386	ND		4.32	1.48	3.19		1.12	0.386	1.36		1.12	0.386	1.34		1.12	0.386	1.33		1.12	0.386	1.61		1.12	0.386	1.42		1.12	0.386	21.2		21.0	8.26	ND		50.5	19.8	71.4		3.

Table 4 Soil Vapor Sampling Results
Standard Motor Products, Inc.
Long Island, Queens, New York

SAMPLING EVENT:	BASELINE			QUARTER 1			QUARTER 2			QUARTER 3			QUARTER 4			QUARTER 5			QUARTER 6			QUARTER 7			QUARTER 8			QUARTER 9			QUARTER 10			QUARTER 10			QUARTER 11			QUARTER 12		
SAMPLE LOCATION	SG-5			SG-5			SG-5			SG-5			SG-5			SG-5			SG-5			SG-5			SG-5			SG-5			DUP SG-5			SG-5			SG-5			SG-5		
LAB ID:	L2053280-05			L2107146-05			L2126491-05			L2142630-05			L2161709-05			L2208290-04			L2227173-05			L2243181-05			L2266971-05			L2306777-02			L2327533-09			L2327533-03			L2348799-02			L2367850-03		
COLLECTION DATE:	11/24/2020			02/12/2021			05/19/2021			08/09/2021			11/09/2021			02/16/2022			05/19/2022			08/09/2022			11/29/2022			02/07/2023			05/17/2023			05/17/2023			08/22/2023			11/14/2023		
	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS IN AIR																																												
1,1,1-Trichloroethane	955		7.80	1.95	545		1.82	0.456	44300		132	33	198		1.09	0.273	20400		58.9	14.8	5570		23.1	5.78	1490		9.11	2.28	13000		104	26.1	4860		64.9	16.3	81800		196	60.0	59500		337	103	70400		401	123	12300		44.4	13.6	1390		4.63	1.42
1,1,2,2-Tetrachloroethane	ND		9.82	3.01	ND		2.29	0.700	ND		166	51	ND		1.37	0.422	ND		74.2	22.8	ND		29.1	8.93	ND		3.61	1.11	ND		131	40.2	ND		81.7	25.1	ND		247	64.2	ND		424	110	ND		505	131	ND		55.8	14.5	ND		5.82	1.51
1,1,2-Trichloro-1,2,2-Trifluoroethane	31.8		11.0	3.59	9.35		2.55	0.835	1190		185	60.7	3.79		1.53	0.503	634		82.8	27.2	248		32.5	10.7	139		4.03	1.33	592		146	48.0	244		91.2	30.0	5060		276	69.7	5760		473	120	6260		563	143	ND		62.3	15.8	ND		6.50	1.64
1,1,2-Trichloroethane	ND		7.80	2.61	ND		1.82	0.611	204		132	44.1	3.2		1.09	0.366	70.9		58.9	19.8	30.7		23.1	7.75	7.31		2.87	0.960	241		104	34.9	93.3		64.9	21.8	ND		196	57.3	ND		337	98.2	ND		401	117	ND		44.4	12.9	ND		4.63	1.35
1,1-Dichloroethane	1550		5.79	1.81	336		1.35	0.425	34400		97.9	30.7	234		0.809	0.254	19800		43.7	13.8	6390		17.2	5.38	1740		6.76	2.12	25700		77.3	24.2	15500		48.2	15.2	56300		146	41.3	76100		250	70.8	80100		297	84.6	3580		32.9	9.35	275		3.43	0.975
1,1-Dichloroethene	ND		5.67	1.82	ND		1.32	0.424	110		95.9	30.8	ND		0.793	0.255	ND		42.8	13.8	23.1		16.8	5.39	3.15		2.09	0.670	ND		75.7	24.3	ND		47.2	15.2	299		143	40.4	ND		245	69.4	ND		291	82.9	ND		32.2	9.16	ND		3.36	0.956
1,2,4-Trichlorobenzene	ND		10.6	3.57	ND		2.47	0.831	ND		180	60.4	ND		1.48	0.5	ND		80.2	27.1	ND		31.5	10.6	ND		3.90	1.31	ND		142	47.7	ND		88.3	29.8	ND		267	134	ND		458	229	ND		546	273	ND		60.4	30.1	ND		6.29	3.15
1,2,4-Trimethylbenzene	ND		7.03	1.29	ND		1.64	0.301	ND		119	21.8	1.03		0.983	0.181	ND		53.1	9.78	ND		20.8	3.83	2.95		2.59	0.476	ND		93.9	17.3	ND		58.5	10.8	ND		177	51.1	ND		303	87.5	ND		361	104	ND		40.0	11.5	ND		4.17	1.20
1,2-Dibromoethane (Ethylene Dibromide)	ND		11.0	3.08	ND		2.56	0.719	ND		186	52.1	ND		1.54	0.431	ND		83	23.4	ND		32.6	9.15	ND		4.04	1.14	ND		147	41.1	ND		91.5	25.7	ND		277	75.2	ND		474	129	ND		565	154	ND		62.5	17.0	ND		6.52	1.78
1,2-Dichlorobenzene	ND		8.60	2.69	ND		2.00	0.631	ND		145	45.6	ND		1.2	0.378	ND		64.9	20.4	ND		25.5	8.00	ND		3.16	0.992	ND		115	36.0	ND		71.5	22.5	ND		216	66.7	ND		371	115	ND		442	137	ND		48.9	15.2	ND		5.10	1.58
1,2-Dichloroethane	ND		5.79	1.74	ND		1.35	0.405	ND		97.9	29.4	0.809		0.809	0.244	ND		43.7	13.2	ND		17.2	5.18	ND		2.13	0.639	ND		77.3	23.2	ND		48.2	14.5	ND		146	57.5	ND		250	98.4	ND		297	117	ND		32.9	13.0	ND		3.43	1.35
1,2-Dichloropropane	ND		6.61	2.02	ND		1.54	0.471	ND		112	34.1	ND		0.924	0.282	ND		49.9	15.3	ND		19.6	5.96	ND		2.43	0.739	ND		88.3	26.9	ND		55.0	16.8	ND		166	52.2	ND		285	90.1	ND		340	107	ND		37.6	11.8	ND		3.92	1.23
1,2-Dichlorotetrafluoroethane	ND		10.0	2.95	ND		2.33	0.688	ND		169	49.9	ND		1.4	0.413	ND		75.5	22.4	ND		29.6	8.74	ND		3.68	1.09	ND		134	39.4	ND		83.2	24.6	ND		252	63.3	ND		431	109	ND		514	129	ND		56.8	14.3	ND		5.93	1.50
1,3,5-Trimethylbenzene (Mesitylene)	ND		7.03	2.37	ND		1.64	0.551	ND		119	40.1	ND		0.983	0.332	ND		53.1	17.9	ND		20.8	7.03	ND		2.59	0.875	ND		93.9	31.7	ND		58.5	19.8	ND		177	53.1	ND		303	90.9	ND		361	108	ND		40.0	12.0	ND		4.17	1.25
1,3-Butadiene	ND		3.16	1.06	ND		0.737	0.248	ND		53.5	17.9	ND		0.442	0.148	ND		23.9	8.01	ND		9.38	3.14	ND		1.16	0.389	ND		42.3	14.1	ND		26.3	8.85	ND		79.6	24.6	ND		136	42.3	ND		163	50.4	ND		18.0	5.57	ND		1.88	0.580
1,3-Dichlorobenzene	ND		8.60	2.69	ND		2.00	0.625	ND		145	45.5	4.41		1.2	0.377	ND		64.9	20.4	ND		25.5	8.00	ND		3.16	0.992	ND		115	36.0	ND		71.5	22.5	ND		216	84.2	ND		371	144	ND		442	172	ND		48.9	19.0	ND		5.10	1.98
1,4-Dichlorobenzene	ND		8.60	2.73	ND		2.00	0.637	ND		145	46.2	ND		1.2	0.382	ND		64.9	20.7	ND		25.5	8.12	ND		3.16	1.00	ND		115	36.5	ND		71.5	22.8	ND		216	89.0	ND		371	153	ND		442	183	ND		48.9	20.2	ND		5.10	2.10
1,4-Dioxane	ND		5.15	2.07	ND		1.20	0.483	ND		87.2	35	ND		0.721	0.29	ND		38.9	15.7	ND		15.3	6.13	ND		1.90	0.764	ND		68.8	27.7	ND		42.9	17.3	ND		130	34.8	ND		222	59.8	ND		265	71.4	ND		29.3	7.89	ND		3.06	0.822
2,2,4-Trimethylpentane	ND		6.68	1.21	ND		1.56	0.281	ND		113	20.4	ND		0.934	0.169	ND		50.4	9.11	ND		19.8	3.57	ND		2.46	0.444	ND		89.2	16.1	ND		55.6	10.0	ND		168	57.9	ND		288	100	ND		343	119	ND		38.0	13.1	ND		3.96	1.37
2-Hexanone	ND		5.86	1.90	ND		1.36	0.443	ND		99.2	32.1	ND		0.82	0.266	ND		44.3	14.4	ND		17.4	5.61	ND		2.16	0.697	ND		78.3	25.3	ND		48.8	15.8	ND		148	67.2	ND		253	115	ND		301	137	ND		33.3	15.2	ND		3.48	1.58
4-Ethyltoluene	ND		7.03	1.30	ND		1.64	0.303	ND		119	22	ND		0.983	0.182	ND		53.1	9.83	ND		20.8	3.85	ND		2.59	0.479	ND		93.9	17.4	ND		58.5	10.9	ND		177	49.0	ND		303	84.1	ND		361	100	ND		40.0	11.1	ND		4.17	1.16
Acetone	29.5		17.0	11.7	30.9		3.97	2.73	ND		287	198	16.2		2.38	1.64	213		129	88.6	ND		50.4	34.7	17.8		6.25	4.30	247		227	156	188		142	97.6	ND		428	220	ND		734	378	ND		874	449	378		96.4	49.6	11.9		10.1	5.18
Allyl Chloride (3-Chloropropene)	ND		4.48	1.31	ND		1.04	0.305	ND		75.7	22.1	ND		0.626	0.183	ND		33.8	9.89	ND		13.3	3.88	ND		1.65	0.482	ND		59.8	17.5	ND		37.2	10.9	ND		113	48.5	ND		193	82.9	ND		230	98.9	ND		25.4	11.0	ND		2.65	1.14
Benzene	ND		4.57	1.11	ND		1.06	0.259	ND		77.3	18.8	ND		0.639	0.156	ND		34.5	8.43	ND		13.5	3.29	ND		1.68	0.409	ND		61.0	14.9	ND		38.0	9.26	ND		115	37.1	ND		197	63.3	ND		235	75.4	ND		26.0	8.34	ND		2.71	0.869
Benzyl Chloride	ND		7.40	1.78	ND		1.72	0.416	ND		125	30.1	ND		1.04	0.25	ND		55.9	13.5	ND		22.0	5.28	ND		2.72	0.658	ND		98.9	23.8	ND		61.6	14.9	ND		186	87.5	ND		319	150	ND		381	179	ND		42.1	19.8	ND		4.39	2.06
Bromodichloromethane	ND		9.58	2.41	ND		2.23	0.563	ND		162	40.8	ND		1.34	0.338	ND		72.4	18.3	ND		28.4	7.17	ND		3.52	0.891	ND		128	32.2	ND		79.7	20.2	ND		241	83.1	ND		413	143	ND		492	169	ND		54.5	18.8	ND		5.68	1.96
Bromoform	ND		14.8	4.74	ND		3.44	1.11	ND		250	80	ND		2.07	0.663	ND		112	35.9	ND		43.8	14.1	ND		5.44	1.75	ND		197	63.3	ND		123	39.5	ND		372	111	ND		638	190	ND		760	226	ND		84.1	25.0	ND		8.77	2.62
Bromomethane	ND		5.55	2.14	ND		1.29	0.501	ND		94	36.3	ND		0.777	0.3	ND		41.9	16.2	ND		16.5	6.37	ND		2.04	0.788	ND		74.2	28.7	ND		46.2	17.9	ND		140	38.2	ND		240	65.6	ND		285	78.0	ND		31.6	8.62	ND		3.29	0.901
Carbon Disulfide	ND		4.45	1.24	ND		1.04	0.290	ND		75.4	21	ND		0.623	0.174	ND		33.6	9.4	ND		13.2	3.67	ND		1.64	0.458	ND		59.5	16.6	ND		37.1	10.4	ND		112	26.0	ND		192	44.5	ND		229	53.3	ND		25.3	5.89	ND		2.64	0.613
Carbon Tetrachloride	ND		9.00	2.24	ND		2.09	0.523	ND		152	37.9	ND		1.26	0.314	ND		67.9	17	ND		26.7	6.67	ND		3.31	0.824	ND		120	29.9	ND		74.9	18.7	ND		226	77.4	ND		388	133	ND		462	159	ND		51.1	17.6	ND		5.33	1.83
Chlorobenzene	ND		6.59	2.05	ND		1.53	0.479	ND		111	34.7	ND		0.921	0.287	ND		49.7	15.6	ND		19.5	6.08	ND		2.42	0.755	ND		88.0	27.4	ND		54.8	17.1	ND		166	42.7	ND		284	73.2	ND		338	87.5	ND		37.4	9.67	ND		3.91	1.01
Chloroethane	588		3.77	1.52	8.29		0.879	0.354	1650		63.9	25.6	6.04		0.528	0.212	844		28.5	11.5	647		11.2	4.49	102		1.39	0.559	1230		50.4	20.3	340		31.4	12.7	3510		95.0	30.9	3170		163	52.8	3510		194	62.8	71.0		21.5	6.97	ND		2.24	0.726
Chloroform	ND		6.98	2.21	ND		1.63	0.518	ND		118	37.4	ND		0.977	0.309	ND		52.7	16.7	ND		20.7	6.54	ND		2.57	0.816	ND		93.3	29.5	ND		58.1	18.5	ND		176	48.4	ND		301	83.0	ND		359	99.1	ND		39.7	10.9	ND		4.14	1.14
Chloromethane	ND		2.95	1.02	ND		0.688	0.237	ND		50	17.2	0.762		0.413	0.142	ND		22.3	7.7	ND		8.76	3.01	1.20		1.09	0.374	ND		39.4	13.6	ND		24.6	8.49	ND		74.3	21.5	ND		127	36.8	ND		152	43.8	ND		16.8	4.83	ND		1.75	0.504
Cis-1,2-Dichloroethylene	285		5.67	3.31	55.5		1.32	0.773	15400		95.9	55.9	125		0.793	0.464	7890		42.8	25.1	2800		16.8	9.83	504		2.09	1.22	11200		75.7	44.4	5510		47.2	27.7	12500		143	42.4	21900		245	73.0	21900		291	86.8	500		32.2	9.59	20.1		3.36	0.999
Cis-1,3-Dichloropropene	ND		6.49	1.33	ND		1.51	0.310	ND		110	22.4	ND		0.908	0.186	ND		49	10	ND		19.2	3.94	ND		2.39	0.490	ND		86.7	17.7	ND		54.0	11.1	ND		163	54.9	ND		280	94.4	ND		334	113	ND		36.9	12.4	ND		3.85	1.30
Cyclohexane	ND		4.92	0.905	ND		1.15	0.211	ND		83.3	15.3	ND		0.688	0.127	ND		37.2	6.85	ND		14.6	2.68	ND		1.81	0.333	ND		65.7	12.1	ND		41.0	7.57	ND		124	45.1	ND		212	77.4	ND		253	92.2	ND		28.0	10.2	ND		2.92	1.06
Dibromochloromethane	ND		12.2	3.73	ND		2.84	0.869	ND		206	63.2	ND		1.7	0.523	ND		92	28.3	ND		36.1	11.1	ND		4.48	1.38	ND		163	49.9	ND		101	31.2	ND		307	86.9	ND		526	149	ND		626	177	ND		69.3	19.6	ND		7.22	2.04
Dichlorodifluoromethane	ND		7.07	2.06	2.06		1.65	0.481	ND		120	34.8	1.43		0.989	0.288	ND		53.4	15.6	ND		21.0	6.13	2.76		2.60	0.757	ND		94.4	27.5	ND		58.8	17.2	ND		178	67.2	ND		305	116	ND		363	137	ND		40.2	15.2	ND		4.19	1.59
Ethanol	ND		67.3	9.87	ND		15.7	2.30	ND		1140	167	46.2		9.42	1.38	ND		509	74.8	ND		200	29.2	ND		24.9	3.64	ND		899	132	ND		562	82.3	ND		1690	590	ND		2900	1010	ND		3470	1210	5010		383	133	ND		39.9	13.9
Ethyl Acetate	ND		12.9	3.14	ND		3.01	0.732	ND		218	53	ND		1.8	0.44	ND		97.3	23.8	ND		38.2	9.30	ND		4.76	1.16	ND		172	41.8	ND		107	26.2	ND		324	192	ND		555	330	ND		663	393	ND		73.2	43.6	ND		7.64	4.54
Ethylbenzene	ND		6.21	1.34	ND		1.45	0.313	ND		105	22.7	ND		0.869	0.188	ND		46.9	10.2	ND		18.4	3.97	ND		2.28	0.495	129		83.0	17.9	ND		51.7	11.2	ND		156	44.7	ND		268	76.9	ND		319	91.6	ND		35.3	10.2	ND		3.68	1.06
Hexachlorobutadiene	ND		15.3	4.03	ND		3.55	0.941	ND		258	68.2	ND		2.13	0.564	ND		115	30.5	ND		45.2	11.9	ND		5.61	1.48	ND		204	53.9	ND		127	33.7	ND		384	116	ND		658	199	ND		784	238	ND		86.7	26.3	ND		9.05	2.74
Isopropanol	ND		8.78	8.38	ND		2.05	1.96	ND		148	142	3.64		1.23	1.17	ND		66.4	63.7	ND		26.1	24.8	3.32		3.24	3.10	ND		117	112	ND		73.3	70.1	ND		221	120	ND		379	206	ND		452	246	ND		49.9	27.0	ND		5.21	2.83
m,p-Xylene	ND		12.4	2.82	ND		2.90	0.660	ND		210	47.8	ND		1.74	0.395	ND		93.8	21.4	ND		36.8	8.38	ND		4.56	1.04	517		166	37.7	ND		104	23.6	ND		312	97.7	ND		534	168	ND		639	200	ND		70.8	22.1	ND		7.38	2.30
Methyl Ethyl Ketone (2-Butanone)	ND		10.5	1.01	3.45		2.46	0.237	ND		178	17.2	2.82		1.47	0.142	ND		79.6	7.7	ND		31.3	3.01	ND		3.89	0.375	ND		141	13.6	ND		87.9	8.49	ND		265	52.5	ND		454	90.2	ND		543	107	ND		59.9	11.9	ND		6.25	1.24
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ND		14.6	1.23	ND		3.42	0.288	ND		248	20.8	ND		2.05	0.173	ND		111	9.34	ND		43.4	3.66	ND		5.41	0.455	ND		195	16.5	ND		122	10.3	ND		368	140	ND		631	240	ND		754	286	ND		83.2	31.6	ND		8.69	3.30
Methyl Methacrylate	ND		14.6	2.04	ND		3.42	0.475	ND		247	34.5	-		-	-	ND		111	15.4	ND		43.4	6.06	ND		5.41	0.749	ND		195	27.2	ND		122	17.0	ND		368	166	ND		631	285	ND		753	340	ND		83.1	37.6	-		-	-
Methylene Chloride	22.4		12.4	3.32	ND		2.90	0.775	365		210	56.3	4.9		1.74	0.466	109		93.8	25.2	58.4		36.8	9.87	8.37		4.59	1.23	191		166	44.5	141		104	27.8	375		312	78.2	ND		535	134	ND		639	160	ND		70.5	17.6	ND		7.36	1.84
Naphthalene	ND		7.50	3.31	ND		1.75	0.776	ND		127	56.1	-		-	-	ND		56.6	25.1	ND		22.2	9.86	ND		2.76	1.22	ND		100	44.3	ND		62.4	27.7	ND		189	73.4	ND		324	126	ND		385	150	ND		42.6	16.6	-		-	-
N-Heptane	-		-	-	-		-	-	-		-	-	ND		0.82	0.193	ND		44.3	10.4	ND		17.4	4.08	ND		2.16	0.508	ND		78.3	18.4	ND		48.8	11.5	ND		148	61.1	ND		253	105	ND		301	125	ND		33.3	13.8	ND		3.48	1.44
N-Hexane	ND		5.04	0.916	ND		1.17	0.214	ND		85.3	15.5	3.11		0.705	0.128	ND		38.1	6.94	ND		14.9	2.72	ND		1.85	0.338	ND		67.3	12.2	57.4		41.9	7.65	ND		127	47.2	ND		217	80.7	ND		259	96.2	ND		28.7	10.6	ND		2.99	1.11
o-Xylene (1,2-Dimethylbenzene)	ND		6.21	1.41	ND		1.45	0.328	ND		105	23.8	ND		0.869	0.197	ND		46.9	10.6	ND		18.4	4.17	ND		2.28	0.517	157		83.0	18.8	ND		51.7	11.7	ND		156	48.6	ND		268	83.4	ND		319	99.0	ND		35.3	10.9	ND		3.68	1.14
Propylene	ND		6.14	0.737	ND		1.44	0.172	ND		104	12.5	-		-	-	ND		46.5	5.58	ND		18.2	2.19	ND		2.27	0.272	ND		82.1	9.84	ND		51.3	6.14	ND		155	41.8	ND		265	71.8	ND		317	85.4	ND		34.9	9.45	-		-	-
Styrene	ND		6.09	1.32	ND		1.42	0.308	ND		103	22.3	ND		0.852	0.185	ND		46	10	ND		18.1	3.92	ND		2.24	0.485	ND		81.3	17.6	ND		50.7	11.0	ND		153	45.6	ND		263	78.3	ND		313	93.2	ND		34.6	10.3	ND		3.61	1.08
Tert-Butyl Alcohol	-		-	-	-		-	-	-		-	-	ND		1.52	0.141	ND		81.9	7.64	ND		32.1	2.99	ND		4.00	0.373	ND		145	13.5	ND		90.3	8.43	ND		273	71.8	ND		467	123	ND		558	147	ND		61.5	16.2	ND		6.43	1.70
Tert-Butyl Methyl Ether	ND		5.16	1.35	ND		1.20	0.315	ND		87.2	22.9	ND		0.721	0.189	ND		38.9	10.2	ND		15.3	4.00	ND		1.90	0.498	ND		68.9	18.1	ND		42.9	11.3	ND		130	29.2	ND		222	50.1	ND		265	59.5	ND		29.3	6.60	ND		3.06	0.689
Tetrachloroethylene (PCE)	ND		9.70	3.17	4.41		2.26	0.739	382		164	53.6	6.78		1.36	0.444	146		73.2	24	87.5		28.8	9.43	18.3		3.57	1.17	262		130	42.4	94.9		80.7	26.5	315		244	76.6	473		418	131	ND		498	156	111		55.1	17.3	ND		5.75	1.80
Tetrahydrofuran	ND		10.5	1.20	ND		2.46	0.279	180		178	20.2	ND		1.47	0.168	ND		79.6	9.05	ND		31.3	3.54	ND		3.89	0.439	ND		141	16.0	ND		87.9	10.0	ND		265	61.9	ND		454	106	ND		543	127	404		59.9	14.0	ND		6.25	1.46
Toluene	6.14		5.39	1.40	ND		1.25	0.327	266		91.2	23.7	2.22		0.754	0.196	48.2		40.7	10.6	ND		16.0	4.15	3.72		1.98	0.516	ND		72.0	18.7	110		44.8	11.7	172		136	58.8	ND		233	101	ND		277	120	56.5		30.6	13.3	3.84		3.20	1.39
Trans-1,2-Dichloroethene	ND		5.67	1.82	1.82		1.32	0.424	99.5		95.9	30.8	ND		0.793	0.255	50		42.8	13.8	19.1		16.8	5.39	4.00		2.09	0.670	151		75.7	24.3	ND		47.2	15.2	ND		143	53.9	ND		245	92.4	ND		291	110	ND		32.2	12.2	ND		3.36	1.27
Trans-1,3-Dichloropropene	ND		6.49	1.41	ND		1.51	0.330	ND		110	23.9	ND		0.908	0.198	ND		49	10.7	ND		19.2	4.19	ND		2.39	0.522	ND		86.7	18.9	ND		54.0	11.8	ND		163	64.0	ND		280	110	ND		334	131	ND		36.9	14.4	ND		3.85	1.51
Trichloroethylene (TCE)	188		7.69	1.94	95.7		1.79	0.453	12500		130	32.8	129		1.07	0.271	2410		58	14.7	940		22.8	5.75	190		2.83	0.715	5910		103	25.9	812		64.0	16.2	12300		193	52.9	20400		332	90.8	21700		395	108	688		43.7	12.0	20.3		4.56	1.25
Trichlorofluoromethane	ND		8.04	2.75	4.93		1.87	0.641	209		136	46.6	1.48		1.12	0.386	142		60.7	20.8	57.3		23.8	8.15	23.5		2.96	1.01	ND		107	36.8	ND		66.9	23.0	1020		202	79.8	674		347	137	725		413	162	ND		45.7	18.0	ND		4.77	1.88
Vinyl Acetate	ND		25.1	1.20	ND		5.88	0.281	ND		426	20.4	-		-	-	ND		190	9.12	ND		74.6	3.59	ND		9.26	0.444	ND		336	16.1	ND		210	10.1	ND		634	205	ND		1090	351	ND		1300	419	ND		143	46.1	-		-	-
Vinyl Bromide	ND		6.25	2.24	ND		1.46	0.525	ND		106	37.9	ND		0.874	0.313	ND		47.2	17	ND		18.5

Table 4 Soil Vapor Sampling Results
Standard Motor Products, Inc.
Long Island, Queens, New York

SAMPLING EVENT:	BASELINE				BASELINE				QUARTER 1				QUARTER 1				QUARTER 2				QUARTER 2				QUARTER 3				QUARTER 3				QUARTER 4				QUARTER 4				QUARTER 5			
SAMPLE LOCATION	SG-6				DUP SG-6				SG-6				DUP SG-6				SG-6				DUP SG-6				SG-6				DUP SG-6				SG-6				DUP SG-6				SG-6			
LAB ID:	L2053280-06				L2053280-09				L2107146-06				L2107146-07				L2126491-06				L2126491-09				L2142630-06				L2142630-07				L2161709-06				L2161709-09				L2208290-05			
COLLECTION DATE:	11/24/2020				11/24/2020				02/12/2021				02/12/2021				05/19/2021				05/19/2021				08/09/2021				08/09/2021				11/09/2021				11/09/2021				02/16/2022			
	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS IN AIR																																												
1,1,1-Trichloroethane	379		6.82	1.71	365		6.82	1.71	63.8		1.09	0.273	164		2.73	0.682	ND		1.09	0.273	ND		1.09	0.273	481		7.8	1.95	431		6.06	1.52	1840		10.9	2.73	873		5.46	1.36	1150		6.82	1.71
1,1,2,2-Tetrachloroethane	ND		8.58	2.64	ND		8.58	2.64	ND		1.37	0.422	ND		3.43	1.06	ND		1.37	0.422	ND		1.37	0.422	ND		9.82	3.01	ND		7.62	2.34	ND		13.7	4.22	ND		6.87	2.11	ND		8.58	2.64
1,1,2-Trichloro-1,2,2-Trifluoroethane	13.7		9.58	3.14	12.3		9.58	3.14	2.07		1.53	0.503	6.17		3.83	1.26	ND		1.53	0.503	ND		1.53	0.503	35.9		11	3.59	29.8		8.51	2.79	53.7		15.3	5.03	25.9		7.66	2.51	21.4		9.58	3.14
1,1,2-Trichloroethane	ND		6.82	2.29	ND		6.82	2.29	ND		1.09	0.366	ND		2.73	0.917	ND		1.09	0.366	ND		1.09	0.366	ND		7.8	2.61	ND		6.06	2.03	ND		10.9	3.66	ND		5.46	1.83	ND		6.82	2.29
1,1-Dichloroethane	297		5.06	1.59	282		5.06	1.59	55.0		0.809	0.254	421		2.02	0.635	ND		0.809	0.254	ND		0.809	0.254	268		5.79	1.81	234		4.49	1.41	919		8.09	2.54	441		4.05	1.27	518		5.06	1.59
1,1-Dichloroethene	ND		4.96	1.59	ND		4.96	1.59	0.904		0.793	0.255	ND		1.98	0.638	ND		0.793	0.255	ND		0.793	0.255	ND		5.67	1.82	ND		4.4	1.42	ND		7.93	2.55	ND		3.96	1.28	ND		4.96	1.59
1,2,4-Trichlorobenzene	ND		9.28	3.13	ND		9.28	3.13	ND		1.48	0.500	ND		3.71	1.25	ND		1.48	0.5	ND		1.48	0.5	ND		10.6	3.57	ND		8.24	2.78	ND		14.8	5	ND		7.42	2.5	ND		9.28	3.13
1,2,4-Trimethylbenzene	109		6.15	1.13	97.3		6.15	1.13	1.68		0.983	0.181	ND		2.46	0.452	ND		0.983	0.181	ND		0.983	0.181	ND		7.03	1.29	5.65		5.46	1	ND		9.83	1.81	ND		4.92	0.905	ND		6.15	1.13
1,2-Dibromoethane (Ethylene Dibromide)	ND		9.61	2.70	ND		9.61	2.70	ND		1.54	0.431	ND		3.84	1.08	ND		1.54	0.431	ND		1.54	0.431	ND		11	3.08	ND		8.53	2.4	ND		15.4	4.31	ND		7.69	2.15	ND		9.61	2.70
1,2-Dichlorobenzene	ND		7.52	2.36	ND		7.52	2.36	ND		1.20	0.378	ND		3.01	0.944	ND		1.2	0.378	ND		1.2	0.378	ND		8.6	2.69	ND		6.67	2.1	ND		12	3.78	ND		6.01	1.89	ND		7.52	2.36
1,2-Dichloroethane	ND		5.06	1.52	ND		5.06	1.52	ND		0.809	0.244	ND		2.02	0.607	ND		0.809	0.244	ND		0.809	0.244	ND		5.79	1.74	ND		4.49	1.35	ND		8.09	2.44	ND		4.05	1.22	ND		5.06	1.52
1,2-Dichloropropane	ND		5.78	1.76	ND		5.78	1.76	ND		0.924	0.282	ND		2.31	0.702	ND		0.924	0.282	ND		0.924	0.282	ND		6.61	2.02	ND		5.13	1.57	ND		9.24	2.82	ND		4.62	1.41	ND		5.78	1.76
1,2-Dichlorotetrafluoroethane	ND		8.74	2.58	ND		8.74	2.58	ND		1.40	0.413	ND		3.49	1.03	ND		1.4	0.413	ND		1.4	0.413	ND		10	2.95	ND		7.76	2.29	ND		14	4.13	ND		6.99	2.07	ND		8.74	2.58
1,3,5-Trimethylbenzene (Mesitylene)	47.2		6.15	2.07	40.8		6.15	2.07	1.33		0.983	0.332	ND		2.46	0.831	ND		0.983	0.332	ND		0.983	0.332	ND		7.03	2.37	ND		5.46	1.84	ND		9.83	3.32	ND		4.92	1.66	ND		6.15	2.07
1,3-Butadiene	ND		2.77	0.927	ND		2.77	0.927	ND		0.442	0.148	ND		1.11	0.372	ND		0.442	0.148	ND		0.442	0.148	ND		3.16	1.06	ND		2.46	0.823	ND		4.42	1.48	ND		2.21	0.741	ND		2.77	0.927
1,3-Dichlorobenzene	ND		7.52	2.36	ND		7.52	2.36	ND		1.20	0.377	ND		3.01	0.944	ND		1.2	0.377	ND		1.2	0.377	ND		8.6	2.69	ND		6.67	2.09	ND		12	3.77	ND		6.01	1.89	ND		7.52	2.36
1,4-Dichlorobenzene	ND		7.52	2.39	ND		7.52	2.39	ND		1.20	0.382	ND		3.01	0.956	ND		1.2	0.382	ND		1.2	0.382	ND		8.6	2.73	ND		6.67	2.12	ND		12	3.82	ND		6.01	1.91	ND		7.52	2.39
1,4-Dioxane	ND		4.50	1.81	ND		4.50	1.81	ND		0.721	0.290	ND		1.80	0.724	ND		0.721	0.29	ND		0.721	0.29	ND		5.15	2.07	ND		4	1.61	ND		7.21	2.9	ND		3.6	1.45	ND		4.50	1.81
2,2,4-Trimethylpentane	ND		5.84	1.06	ND		5.84	1.06	ND		0.934	0.169	ND		2.34	0.421	ND		0.934	0.169	ND		0.934	0.169	ND		6.68	1.21	ND		5.18	0.934	ND		9.34	1.69	ND		4.67	0.841	ND		5.84	1.06
2-Hexanone	ND		5.12	1.66	ND		5.12	1.66	ND		0.820	0.266	ND		2.05	0.664	ND		0.82	0.266	ND		0.82	0.266	ND		5.86	1.9	ND		4.55	1.48	ND		8.2	2.66	ND		4.1	1.33	ND		5.12	1.66
4-Ethyltoluene	13.9		6.15	1.14	12.7		6.15	1.14	ND		0.983	0.182	ND		2.46	0.455	ND		0.983	0.182	ND		0.983	0.182	ND		7.03	1.3	ND		5.46	1.01	ND		9.83	1.82	ND		4.92	0.909	ND		6.15	1.14
Acetone	ND		14.8	10.2	ND		14.8	10.2	51.5		2.38	1.64	83.1		5.94	4.09	31.4		2.38	1.64	252		2.38	1.64	21.5		17	11.7	22.9		13.2	9.1	91.2		23.8	16.4	99.3		11.9	8.17	ND		14.8	10.2
Allyl Chloride (3-Chloropropene)	ND		3.91	1.15	ND		3.91	1.15	ND		0.626	0.183	ND		1.57	0.457	ND		0.626	0.183	ND		0.626	0.183	ND		4.48	1.31	ND		3.47	1.02	ND		6.26	1.83	ND		3.13	0.914	ND		3.91	1.15
Benzene	ND		3.99	0.971	ND		3.99	0.971	0.859		0.639	0.156	ND		1.60	0.390	ND		0.639	0.156	ND		0.639	0.156	ND		4.57	1.11	ND		3.55	0.863	ND		6.39	1.56	ND		3.19	0.78	ND		3.99	0.971
Benzyl Chloride	ND		6.47	1.56	ND		6.47	1.56	ND		1.04	0.250	ND		2.59	0.621	ND		1.04	0.25	ND		1.04	0.25	ND		7.4	1.78	ND		5.75	1.39	ND		10.4	2.5	ND		5.18	1.25	ND		6.47	1.56
Bromodichloromethane	ND		8.37	2.11	ND		8.37	2.11	ND		1.34	0.338	ND		3.35	0.844	ND		1.34	0.338	ND		1.34	0.338	ND		9.58	2.41	ND		7.44	1.88	ND		13.4	3.38	ND		6.7	1.69	ND		8.37	2.11
Bromoform	ND		12.9	4.15	ND		12.9	4.15	ND		2.07	0.663	ND		5.17	1.65	ND		2.07	0.663	ND		2.07	0.663	ND		14.8	4.74	ND		11.5	3.68	ND		20.7	6.63	ND		10.3	3.31	ND		12.9	4.15
Bromomethane	ND		4.85	1.88	ND		4.85	1.88	ND		0.777	0.300	ND		1.94	0.749	ND		0.777	0.3	ND		0.777	0.3	ND		5.55	2.14	ND		4.31	1.67	ND		7.77	3	ND		3.88	1.5	ND		4.85	1.88
Carbon Disulfide	ND		3.89	1.09	ND		3.89	1.09	ND		0.623	0.174	ND		1.56	0.436	ND		0.623	0.174	ND		0.623	0.174	ND		4.45	1.24	ND		3.46	0.965	ND		6.23	1.74	3.99		3.11	0.872	ND		3.89	1.09
Carbon Tetrachloride	ND		7.86	1.96	ND		7.86	1.96	ND		1.26	0.314	ND		3.15	0.786	ND		1.26	0.314	ND		1.26	0.314	ND		9	2.24	ND		6.98	1.74	ND		12.6	3.14	ND		6.29	1.57	ND		7.86	1.96
Chlorobenzene	ND		5.76	1.80	ND		5.76	1.80	ND		0.921	0.287	ND		2.30	0.718	ND		0.921	0.287	ND		0.921	0.287	ND		6.59	2.05	ND		5.11	1.6	ND		9.21	2.87	ND		4.61	1.44	ND		5.76	1.80
Chloroethane	17.0		3.30	1.33	14.1		3.30	1.33	4.62		0.528	0.212	155		1.32	0.530	ND		0.528	0.212	ND		0.528	0.212	ND		3.77	1.52	ND		2.93	1.18	8.39		5.28	2.12	3.96		2.64	1.06	4.12		3.30	1.33
Chloroform	ND		6.10	1.93	ND		6.10	1.93	ND		0.977	0.309	ND		2.44	0.772	ND		0.977	0.309	ND		0.977	0.309	ND		6.98	2.21	ND		5.42	1.72	ND		9.77	3.09	ND		4.88	1.54	ND		6.10	1.93
Chloromethane	ND		2.58	0.890	ND		2.58	0.890	0.781		0.413	0.142	ND		1.03	0.355	1.16		0.413	0.142	1.16		0.413	0.142	ND		2.95	1.02	ND		2.29	0.791	ND		4.13	1.42	ND		2.07	0.71	ND		2.58	0.890
Cis-1,2-Dichloroethylene	579		4.96	2.90	567		4.96	2.90	86.4		0.793	0.464	102		1.98	1.16	ND		0.793	0.464	ND		0.793	0.464	404		5.67	3.31	356		4.4	2.58	1240		7.93	4.64	607		3.96	2.32	599		4.96	2.90
Cis-1,3-Dichloropropene	ND		5.67	1.16	ND		5.67	1.16	ND		0.908	0.186	ND		2.27	0.463	ND		0.908	0.186	ND		0.908	0.186	ND		6.49	1.33	ND		5.04	1.03	ND		9.08	1.86	ND		4.54	0.926	ND		5.67	1.16
Cyclohexane	ND		4.30	0.792	ND		4.30	0.792	ND		0.688	0.127	ND		1.72	0.317	3.92		0.688	0.127	47.2		0.688	0.127	ND		4.92	0.905	ND		3.82	0.702	ND		6.88	1.27	ND		3.44	0.633	ND		4.30	0.792
Dibromochloromethane	ND		10.6	3.27	ND		10.6	3.27	ND		1.70	0.523	ND		4.26	1.31	ND		1.7	0.523	ND		1.7	0.523	ND		12.2	3.73	ND		9.46	2.91	ND		17	5.23	ND		8.52	2.62	ND		10.6	3.27
Dichlorodifluoromethane	ND		6.18	1.80	ND		6.18	1.80	2.04		0.989	0.288	ND		2.47	0.722	2.24		0.989	0.288	2.31		0.989	0.288	ND		7.07	2.06	ND		5.49	1.6	ND		9.89	2.88	ND		4.94	1.44	ND		6.18	1.80
Ethanol	ND		58.8	8.63	ND		58.8	8.63	ND		9.42	1.38	ND		23.6	3.45	10.8		9.42	1.38	12.8		9.42	1.38	ND		67.3	9.87	ND		52.4	7.67	ND		94.2	13.8	ND		47.1	6.9	ND		58.8	8.63
Ethyl Acetate	ND		11.2	2.75	ND		11.2	2.75	ND		1.80	0.440	ND		4.50	1.10	ND		1.8	0.44	ND		1.8	0.44	ND		12.9	3.14	ND		10	2.44	ND		18	4.4	ND		9.01	2.2	ND		11.2	2.75
Ethylbenzene	10.4		5.43	1.17	7.17		5.43	1.17	4.56		0.869	0.188	ND		2.17	0.469	ND		0.869	0.188	ND		0.869	0.188	ND		6.21	1.34	ND		4.82	1.04	ND		8.69	1.88	ND		4.34	0.938	ND		5.43	1.17
Hexachlorobutadiene	ND		13.3	3.53	ND		13.3	3.53	ND		2.13	0.564	ND		5.33	1.41	ND		2.13	0.564	ND		2.13	0.564	ND		15.3	4.03	ND		11.8	3.14	ND		21.3	5.64	ND		10.7	2.82	ND		13.3	3.53
Isopropanol	ND		7.67	7.35	ND		7.67	7.35	1.75		1.23	1.17	ND		3.07	2.95	1.64		1.23	1.17	2.58		1.23	1.17	ND		8.78	8.38	10.5		6.83	6.54	14.5		12.3	11.7	15.2		6.15	5.87	ND		7.67	7.35
m,p-Xylene	45.6		10.9	2.47	32.5		10.9	2.47	17.2		1.74	0.395	ND		4.34	0.990	ND		1.74	0.395	ND		1.74	0.395	ND		12.4	2.82	ND		9.64	2.2	ND		17.4	3.95	ND		8.69	1.98	ND		10.9	2.47
Methyl Ethyl Ketone (2-Butanone)	ND		9.20	0.888	ND		9.20	0.888	ND		1.47	0.142	5.49		3.69	0.354	ND		1.47	0.142	29		1.47	0.142	ND		10.5	1.01	ND		8.2	0.79	19.1		14.7	1.42	20.8		7.37	0.711	ND		9.20	0.888
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ND		12.8	1.08	ND		12.8	1.08	ND		2.05	0.173	ND		5.12	0.430	ND		2.05	0.173	ND		2.05	0.173	ND		14.6	1.23	ND		11.4	0.959	ND		20.5	1.73	ND		10.2	0.861	ND		12.8	1.08
Methyl Methacrylate	ND		12.8	1.79	ND		12.8	1.79	ND		2.05	0.285	ND		5.12	0.713	ND		2.05	0.285	ND		2.05	0.285	-		-	-	-		-	-	ND		20.5	2.85	ND		10.2	1.43	ND		12.8	1.79
Methylene Chloride	ND		10.8	2.91	ND		10.8	2.91	ND		1.74	0.466	5.56		4.34	1.16	ND		1.74	0.466	3.72		1.74	0.466	ND		12.4	3.32	ND		9.66	2.58	ND		17.4	4.66	ND		8.69	2.33	ND		10.8	2.91
Naphthalene	293		6.55	2.90	362		6.55	2.90	ND		1.05	0.464	ND		2.62	1.16	ND		1.05	0.464	ND		1.05	0.464	-		-	-	-		-	-	ND		10.5	4.64	ND		5.24	2.32	ND		6.55	2.90
N-Heptane	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND		5.86	1.38	ND		4.55	1.07	ND		8.2	1.93	ND		4.1	0.963	ND		5.12	1.20
N-Hexane	ND		4.41	0.804	ND		4.41	0.804	ND		0.705	0.128	ND		1.76	0.321	18.4		0.705	0.128	95.9		0.705	0.128	ND		5.04	0.916	ND		3.91	0.712	ND		7.05	1.28	7.12		3.52	0.641	ND		4.41	0.804
o-Xylene (1,2-Dimethylbenzene)	33.2		5.43	1.23	24.8		5.43	1.23	4.47		0.869	0.197	ND		2.17	0.491	ND		0.869	0.197	ND		0.869	0.197	ND		6.21	1.41	ND		4.82	1.09	ND		8.69	1.97	ND		4.34	0.982	ND		5.43	1.23
Propylene	ND		5.37	0.644	ND		5.37	0.644	ND		0.861	0.103	ND		2.15	0.258	ND		0.861	0.103	ND		0.861	0.103	-		-	-	-		-	-	ND		8.61	1.03	ND		4.3	0.516	ND		5.37	0.644
Styrene	ND		5.32	1.15	ND		5.32	1.15	ND		0.852	0.185	ND		2.13	0.460	ND		0.852	0.185	ND		0.852	0.185	ND		6.09	1.32	ND		4.73	1.03	ND		8.52	1.85	ND		4.26	0.924	ND		5.32	1.15
Tert-Butyl Alcohol	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND		10.8	1.01	ND		8.43	0.785	ND		15.2	1.41	ND		7.58	0.706	ND		9.46	0.882
Tert-Butyl Methyl Ether	ND		4.51	1.18	ND		4.51	1.18	ND		0.721	0.189	ND		1.80	0.472	ND		0.721	0.189	ND		0.721	0.189	ND		5.16	1.35	ND		4	1.05	ND		7.21	1.89	ND		3.61	0.945	ND		4.51	1.18
Tetrachloroethylene (PCE)	19.5		8.48	2.77	18.9		8.48	2.77	2.10		1.36	0.444	ND		3.39	1.11	ND		1.36	0.444	ND		1.36	0.444	10.6		9.7	3.17	9.7		7.53	2.47	38		13.6	4.44	19.8		6.78	2.22	21.1		8.48	2.77
Tetrahydrofuran	15.8		9.20	1.05	9.38		9.20	1.05	ND		1.47	0.168	ND		3.69	0.419	ND		1.47	0.168	ND		1.47	0.168	ND		10.5	1.2	ND		8.2	0.932	ND		14.7	1.68	ND		7.37	0.838	ND		9.20	1.05
Toluene	ND		4.71	1.22	ND		4.71	1.22	1.12		0.754	0.196	2.26		1.88	0.490	28.9		0.754	0.196	345		0.754	0.196	6.82		5.39	1.4	ND		4.18	1.09	7.73		7.54	1.96	13.8		3.77	0.98	ND		4.71	1.22
Trans-1,2-Dichloroethene	46.0		4.96	1.59	46.0		4.96	1.59	7.45		0.793	0.255	ND		1.98	0.638	ND		0.793	0.255	ND		0.793	0.255	39.4		5.67	1.82	35.4		4.4	1.42	133		7.93	2.55	63.8		3.96	1.28	67.0		4.96	1.59
Trans-1,3-Dichloropropene	ND		5.67	1.23	ND		5.67	1.23	ND		0.908	0.198	ND		2.27	0.495	ND		0.908	0.198	ND		0.908	0.198	ND		6.49	1.41	ND		5.04	1.1	ND		9.08	1.98	ND		4.54	0.99	ND		5.67	1.23
Trichloroethylene (TCE)	2280		6.72	1.70	2190		6.72	1.70	310		1.07	0.271	68.3		2.69	0.677	1.29		1.07	0.271	4.34		1.07	0.271	1640		7.69	1.94	1450		5.97	1.5	4280		10.7	2.71	2110		5.37	1.35	2370		6.72	1.70
Trichlorofluoromethane	ND		7.02	2.41	ND		7.02	2.41	1.76		1.12	0.386	ND		2.81	0.967	ND		1.12	0.386	1.24		1.12	0.386	10.2		8.04	2.75	8.88		6.24	2.14	20.6		11.2	3.86	10.4		5.62	1.93	9.22		7.02	2.41
Vinyl Acetate	ND		22.0	1.05	ND		22.0	1.05	ND		3.52	0.169	ND		8.80	0.423	ND		3.52	0.169	ND		3.52	0.169	-		-	-	-		-	-	ND		35.2	1.69	ND		17.6	0.845	ND		22.0	1.05
Vinyl Bromide	ND		5.47	1.96	ND		5.47	1.96	ND		0.874	0.313	ND		2.19	0.783	ND		0.874	0.313	ND		0.874	0.313	ND		6.25	2.24	ND		4.85	1.74	ND		8.74	3.13	ND		4.37	1.57	ND		5.47	1.96
Vinyl Chloride	ND		3.20	1.00	ND		3.20	1.00	ND		0.511	0.160	91.5		1.28	0.401	ND		0.511	0.16	ND		0.511	0.16	ND		3.66	1.15	ND		2.84	0.89	ND		5.11	1.6	ND		2.56	0.803	ND		3.20	1.00

NOTES:
Concentrations measured in micrograms per cubic meter

J - Data indicates the presence of a compound that meets the identification criteria, the result is less than the quantification

ND - Non-detectable

Table 4 Soil Vapor Sampling Results
Standard Motor Products, Inc.
Long Island, Queens, New York

SAMPLING EVENT:	QUARTER 5			QUARTER 6			QUARTER 7			QUARTER 7			QUARTER 8			QUARTER 8			QUARTER 9			QUARTER 9			QUARTER 10			QUARTER 11			QUARTER 12		
SAMPLE LOCATION	DUP SG-6			SG-6			DUP SG-6			SG-6			SG-6			DUP SG-6			DUP SG-6			SG-6			SG-6			SG-6			SG-6		
LAB ID:	L2208290-08			L2227173-06			L2243181-08			L2243181-06			L2266971-06			L2266971-09			L2306777-09			L2306777-01			L2327533-01			L2348799-01			L2367850-01		
COLLECTION DATE:	02/16/2022			05/20/2022			08/09/2022			08/09/2022			11/29/2022			11/29/2022			02/07/2023			02/07/2023			05/17/2023			08/22/2023			11/14/2023		
	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS IN AIR																																				
1,1,1-Trichloroethane	1240		7.80	1.95	526		3.90	0.977	1940		4.54	1.14	2320		19.4	4.86	10.5		1.09	0.273	15.1		1.09	0.273	1410		5.46	1.68	1360		9.11	2.79	2420		22.0	6.77	15.8		1.84	0.562	ND		1.09	0.335
1,1,2,2-Tetrachloroethane	ND		9.82	3.01	ND		4.90	1.50	ND		5.72	1.76	ND		24.4	7.49	ND		1.37	0.422	ND		1.37	0.422	ND		6.87	1.79	ND		11.5	2.97	ND		27.7	7.21	ND		2.31	0.601	ND		1.37	0.357
1,1,2-Trichloro-1,2,2-Trifluoroethane	18.4		11.0	3.59	15.8		5.47	1.79	75.5		6.38	2.09	88.1		27.3	8.97	ND		1.53	0.503	ND		1.53	0.503	25.8		7.66	1.94	27.1		12.8	3.23	75.3		30.9	7.82	ND		2.58	0.653	ND		1.53	0.388
1,1,2-Trichloroethane	ND		7.80	2.61	ND		3.90	1.30	ND		4.54	1.52	ND		19.4	6.49	ND		1.09	0.366	ND		1.09	0.366	ND		5.46	1.59	ND		9.11	2.65	ND		22.0	6.38	ND		1.84	0.535	ND		1.09	0.318
1,1-Dichloroethane	526		5.79	1.81	217		2.89	0.907	874		3.37	1.06	1010		14.4	4.53	4.41		0.809	0.254	6.15		0.809	0.254	639		4.05	1.15	619		6.76	1.91	1660		16.3	4.61	6.64		1.36	0.387	ND		0.809	0.230
1,1-Dichloroethene	ND		5.67	1.82	ND		2.83	0.912	5.87		3.30	1.06	ND		14.1	4.52	ND		0.793	0.255	ND		0.793	0.255	5.31		3.96	1.13	ND		6.62	1.88	ND		16.0	4.52	ND		1.34	0.379	ND		0.793	0.225
1,2,4-Trichlorobenzene	ND		10.6	3.57	ND		5.30	1.79	ND		6.18	2.09	ND		26.4	8.91	ND		1.48	0.500	ND		1.48	0.500	ND		7.42	3.71	ND		12.4	6.18	ND		29.9	14.9	ND		2.50	1.25	ND		1.48	0.742
1,2,4-Trimethylbenzene	ND		7.03	1.29	ND		3.51	0.644	4.48		4.10	0.752	ND		17.5	3.22	ND		0.983	0.181	ND		0.983	0.181	ND		4.92	1.42	ND		8.21	2.36	ND		19.8	5.70	4.33		1.66	0.477	1.65		0.983	0.284
1,2-Dibromoethane (Ethylene Dibromide)	ND		11.0	3.08	ND		5.49	1.54	ND		6.40	1.80	ND		27.4	7.67	ND		1.54	0.431	ND		1.54	0.431	ND		7.69	2.09	ND		12.8	3.48	ND		31.0	8.45	ND		2.59	0.704	ND		1.54	0.418
1,2-Dichlorobenzene	ND		8.60	2.69	ND		4.29	1.35	ND		5.01	1.58	ND		21.4	6.73	ND		1.20	0.378	ND		1.20	0.378	ND		6.01	1.86	ND		10.0	3.10	ND		24.2	7.52	ND		2.03	0.625	ND		1.20	0.372
1,2-Dichloroethane	ND		5.79	1.74	ND		2.89	0.870	ND		3.37	1.02	ND		14.4	4.33	ND		0.809	0.244	ND		0.809	0.244	ND		4.05	1.59	ND		6.76	2.66	ND		16.3	6.39	4.65		1.36	0.534	ND		0.809	0.319
1,2-Dichloropropane	ND		6.61	2.02	ND		3.30	1.01	ND		3.85	1.17	ND		16.5	4.99	ND		0.924	0.282	ND		0.924	0.282	ND		4.62	1.46	ND		7.72	2.43	ND		18.6	5.87	ND		1.56	0.490	ND		0.924	0.292
1,2-Dichlorotetrafluoroethane	ND		10.0	2.95	ND		4.99	1.47	ND		5.82	1.72	ND		24.9	7.34	ND		1.40	0.413	ND		1.40	0.413	ND		6.99	1.76	ND		11.7	2.94	ND		28.2	7.13	ND		2.36	0.593	ND		1.40	0.352
1,3,5-Trimethylbenzene (Mesitylene)	ND		7.03	2.37	ND		3.51	1.18	ND		4.10	1.38	ND		17.5	5.90	ND		0.983	0.332	ND		0.983	0.332	ND		4.92	1.47	ND		8.21	2.46	ND		19.8	5.95	ND		1.66	0.497	ND		0.983	0.295
1,3-Butadiene	ND		3.16	1.06	ND		1.58	0.529	ND		1.84	0.617	ND		7.88	2.63	ND		0.442	0.148	ND		0.442	0.148	ND		2.21	0.686	ND		3.69	1.14	ND		8.92	2.77	ND		0.746	0.230	ND		0.442	0.137
1,3-Dichlorobenzene	ND		8.60	2.69	ND		4.29	1.35	ND		5.01	1.57	ND		21.4	6.73	ND		1.20	0.377	ND		1.20	0.377	ND		6.01	2.33	ND		10.0	3.89	ND		24.2	9.38	3.60		2.03	0.788	ND		1.20	0.467
1,4-Dichlorobenzene	ND		8.60	2.73	ND		4.29	1.36	ND		5.01	1.59	ND		21.4	6.79	ND		1.20	0.382	ND		1.20	0.382	ND		6.01	2.48	ND		10.0	4.14	ND		24.2	9.98	ND		2.03	0.836	ND		1.20	0.497
1,4-Dioxane	ND		5.15	2.07	ND		2.57	1.03	ND		3.00	1.21	ND		12.8	5.15	ND		0.721	0.290	ND		0.721	0.290	ND		3.60	0.969	ND		6.02	1.61	ND		14.5	3.89	3.89		1.21	0.326	ND		0.721	0.194
2,2,4-Trimethylpentane	ND		6.68	1.21	ND		3.33	0.603	ND		3.89	0.701	ND		16.6	3.00	ND		0.934	0.169	ND		0.934	0.169	ND		4.67	1.62	ND		7.80	2.70	ND		18.8	6.49	ND		1.57	0.542	ND		0.934	0.323
2-Hexanone	ND		5.86	1.90	ND		2.93	0.947	4.43		3.41	1.11	ND		14.6	4.71	ND		0.820	0.266	ND		0.820	0.266	ND		4.10	1.87	ND		6.84	3.11	ND		16.5	7.54	ND		1.38	0.627	ND		0.820	0.374
4-Ethyltoluene	ND		7.03	1.30	ND		3.51	0.649	ND		4.10	0.757	ND		17.5	3.23	ND		0.983	0.182	ND		0.983	0.182	ND		4.92	1.36	ND		8.21	2.27	ND		19.8	5.51	ND		1.66	0.458	ND		0.983	0.272
Acetone	ND		17.0	11.7	14.2		8.48	5.84	278		9.91	6.82	325		42.3	29.0	77.4		2.38	1.64	234		2.38	1.64	ND		11.9	6.13	ND		19.8	10.2	ND		47.7	24.7	390		3.99	2.06	9.05		2.38	1.22
Allyl Chloride (3-Chloropropene)	ND		4.48	1.31	ND		2.23	0.654	ND		2.61	0.764	ND		11.1	3.26	ND		0.626	0.183	ND		0.626	0.183	ND		3.13	1.35	ND		5.23	2.24	ND		12.6	5.42	ND		1.05	0.454	ND		0.626	0.269
Benzene	ND		4.57	1.11	ND		2.28	0.556	5.49		2.66	0.649	ND		11.4	2.77	ND		0.639	0.156	ND		0.639	0.156	ND		3.19	1.03	ND		5.34	1.71	ND		12.9	4.15	1.84		1.08	0.345	ND		0.639	0.205
Benzyl Chloride	ND		7.40	1.78	ND		3.70	0.891	ND		4.31	1.04	ND		18.4	4.44	ND		1.04	0.250	ND		1.04	0.250	ND		5.18	2.43	ND		8.65	4.05	ND		20.9	9.79	ND		1.74	0.818	ND		1.04	0.486
Bromodichloromethane	ND		9.58	2.41	ND		4.78	1.21	ND		5.58	1.41	ND		23.8	6.01	ND		1.34	0.338	ND		1.34	0.338	ND		6.70	2.30	ND		11.2	3.85	ND		27.0	9.31	ND		2.26	0.777	ND		1.34	0.462
Bromoform	ND		14.8	4.74	ND		7.38	2.37	ND		8.61	2.76	ND		36.8	11.8	ND		2.07	0.663	ND		2.07	0.663	ND		10.3	3.08	ND		17.3	5.14	ND		41.7	12.4	ND		3.48	1.03	ND		2.07	0.616
Bromomethane	ND		5.55	2.14	ND		2.77	1.07	ND		3.23	1.25	ND		13.8	5.36	ND		0.777	0.300	ND		0.777	0.300	ND		3.88	1.06	ND		6.48	1.77	ND		15.6	4.27	ND		1.31	0.358	ND		0.777	0.212
Carbon Disulfide	ND		4.45	1.24	ND		2.22	0.623	3.80		2.59	0.726	ND		11.1	3.10	ND		0.623	0.174	ND		0.623	0.174	ND		3.11	0.722	ND		5.20	1.21	ND		12.5	2.91	4.98		1.05	0.244	ND		0.623	0.145
Carbon Tetrachloride	ND		9.00	2.24	ND		4.49	1.12	ND		5.24	1.31	ND		22.4	5.59	ND		1.26	0.314	ND		1.26	0.314	ND		6.29	2.16	ND		10.5	3.60	ND		25.4	8.68	ND		2.12	0.723	ND		1.26	0.432
Chlorobenzene	ND		6.59	2.05	ND		3.29	1.03	ND		3.84	1.20	ND		16.4	5.11	ND		0.921	0.287	ND		0.921	0.287	ND		4.61	1.19	ND		7.69	1.98	ND		18.6	4.79	ND		1.55	0.400	ND		0.921	0.238
Chloroethane	4.49		3.77	1.52	ND		1.88	0.757	9.97		2.20	0.884	11.0		9.39	3.77	ND		0.528	0.212	ND		0.528	0.212	19.2		2.64	0.855	19.6		4.41	1.43	57.0		10.6	3.46	ND		0.889	0.288	ND		0.528	0.171
Chloroform	ND		6.98	2.21	ND		3.49	1.10	8.45		4.07	1.29	ND		17.4	5.52	ND		0.977	0.309	ND		0.977	0.309	ND		4.88	1.35	ND		8.16	2.25	ND		19.7	5.42	ND		1.65	0.454	ND		0.977	0.270
Chloromethane	ND		2.95	1.02	ND		1.47	0.508	2.42		1.72	0.593	ND		7.35	2.52	1.05		0.413	0.142	1.02		0.413	0.142	ND		2.07	0.595	ND		3.45	0.991	ND		8.32	2.40	ND		0.696	0.200	0.737		0.413	0.119
Cis-1,2-Dichloroethylene	634		5.67	3.31	313		2.83	1.66	1340		3.30	1.93	1590		14.1	8.25	4.64		0.793	0.464	7.33		0.793	0.464	579		3.96	1.18	547		6.62	1.97	1880		16.0	4.76	7.10		1.34	0.396	ND		0.793	0.236
Cis-1,3-Dichloropropene	ND		6.49	1.33	ND		3.24	0.663	ND		3.78	0.772	ND		16.2	3.31	ND		0.908	0.186	ND		0.908	0.186	ND		4.54	1.53	ND		7.58	2.55	ND		18.3	6.17	ND		1.53	0.513	ND		0.908	0.306
Cyclohexane	ND		4.92	0.905	ND		2.46	0.451	ND		2.87	0.527	ND		12.3	2.25	4.44		0.688	0.127	24.0		0.688	0.127	ND		3.44	1.25	ND		5.75	2.09	ND		13.9	5.06	8.19		1.16	0.420	ND		0.688	0.251
Dibromochloromethane	ND		12.2	3.73	ND		6.08	1.87	ND		7.10	2.18	ND		30.3	9.29	ND		1.70	0.523	ND		1.70	0.523	ND		8.52	2.41	ND		14.2	4.02	ND		34.3	9.71	ND		2.87	0.811	ND		1.70	0.482
Dichlorodifluoromethane	ND		7.07	2.06	ND		3.53	1.03	ND		4.12	1.20	ND		17.6	5.14	2.38		0.989	0.288	2.39		0.989	0.288	ND		4.94	1.87	ND		8.26	3.12	ND		19.9	7.52	2.48		1.67	0.628	2.33		0.989	0.374
Ethanol	ND		67.3	9.87	ND		33.5	4.94	60.9		39.2	5.75	ND		168	24.5	19.8		9.42	1.38	30.0		9.42	1.38	ND		47.1	16.4	ND		78.6	27.3	ND		190	65.9	1090		15.9	5.52	ND		9.42	3.28
Ethyl Acetate	ND		12.9	3.14	ND		6.41	1.57	ND		7.50	1.83	ND		32.1	7.82	ND		1.80	0.440	ND		1.80	0.440	ND		9.01	5.33	ND		15.0	8.90	ND		36.4	21.6	ND		3.03	1.80	ND		1.80	1.07
Ethylbenzene	ND		6.21	1.34	75.6		3.10	0.669	ND		3.62	0.782	ND		15.5	3.34	ND		0.869	0.188	ND		0.869	0.188	ND		4.34	1.25	ND		7.25	2.08	ND		17.5	5.04	ND		1.46	0.420	ND		0.869	0.250
Hexachlorobutadiene	ND		15.3	4.03	ND		7.62	2.02	ND		8.89	2.35	ND		38.0	10.0	ND		2.13	0.564	ND		2.13	0.564	ND		10.7	3.24	ND		17.8	5.40	ND		43.0	13.0	ND		3.59	1.09	ND		2.13	0.647
Isopropanol	ND		8.78	8.38	ND		4.38	4.20	24.6		5.11	4.89	32.2		21.9	20.9	8.09		1.23	1.17	21.4		1.23	1.17	ND		6.15	3.34	ND		10.3	5.58	ND		24.8	13.5	21.6		2.07	1.13	5.46		1.23	0.669
m,p-Xylene	ND		12.4	2.82	304		6.21	1.41	8.34		7.25	1.65	ND		30.9	7.04	9.08		1.74	0.395	ND		1.74	0.395	ND		8.69	2.71	ND		14.5	4.52	ND		35.0	10.9	3.28		2.92	0.912	2.71		1.74	0.543
Methyl Ethyl Ketone (2-Butanone)	ND		10.5	1.01	ND		5.25	0.507	33.9		6.13	0.593	39.8		26.2	2.53	ND		1.47	0.142	ND		1.47	0.142	ND		7.37	1.46	ND		12.3	2.43	ND		29.8	5.87	24.2		2.48	0.493	5.52		1.47	0.292
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ND		14.6	1.23	ND		7.29	0.615	ND		8.52	0.717	ND		36.5	3.07	ND		2.05	0.173	ND		2.05	0.173	ND		10.2	3.89	ND		17.1	6.48	ND		41.4	15.7	ND		3.45	1.31	ND		2.05	0.779
Methyl Methacrylate	ND		14.6	2.04	ND		7.29	1.02	ND		8.52	1.19	ND		36.4	5.08	ND		2.05	0.285	ND		2.05	0.285	ND		10.2	4.63	ND		17.1	7.70	ND		41.4	18.6	ND		3.45	1.56	-		-	-
Methylene Chloride	ND		12.4	3.32	ND		6.18	1.66	10.1		7.23	1.94	ND		30.9	8.27	ND		1.74	0.466	ND		1.74	0.466	8.89		8.69	2.17	ND		14.5	3.61	ND		35.1	8.75	5.18		2.93	0.730	2.54		1.74	0.434
Naphthalene	ND		7.50	3.31	ND		3.74	1.66	ND		4.37	1.93	ND		18.7	8.23	ND		1.05	0.464	ND		1.05	0.464	ND		5.24	2.04	ND		8.76	3.41	ND		21.1	8.23	1.99		1.77	0.687	-		-	-
N-Heptane	ND		5.86	1.38	ND		2.93	0.688	ND		3.41	0.803	ND		14.6	3.43	1.98		0.820	0.193	1.78		0.820	0.193	ND		4.10	1.70	ND		6.84	2.83	ND		16.5	6.84	9.18		1.38	0.570	ND		0.820	0.339
N-Hexane	ND		5.04	0.916	ND		2.52	0.458	ND		2.94	0.536	ND		12.5	2.28	21.4		0.705	0.128	108		0.705	0.128	ND		3.52	1.31	ND		5.89	2.18	ND		14.2	5.29	15.0		1.19	0.441	ND		0.705	0.262
o-Xylene (1,2-Dimethylbenzene)	ND		6.21	1.41	83.4		3.10	0.704	ND		3.62	0.821	ND		15.5	3.50	3.54		0.869	0.197	ND		0.869	0.197	ND		4.34	1.35	ND		7.25	2.25	ND		17.5	5.43	1.49		1.46	0.452	ND		0.869	0.270
Propylene	ND		6.14	0.737	ND		3.06	0.368	5.20		3.58	0.430	ND		15.3	1.82	ND		0.861	0.103	ND		0.861	0.103	ND		4.30	1.16	ND		7.18	1.93	ND		17.4	4.68	2.12		1.45	0.391	-		-	-
Styrene	ND		6.09	1.32	ND		3.04	0.660	ND		3.55	0.771	ND		15.2	3.29	ND		0.852	0.185	ND		0.852	0.185	ND		4.26	1.27	ND		7.11	2.12	ND		17.2	5.11	ND		1.43	0.426	ND		0.852	0.254
Tert-Butyl Alcohol	ND		10.8	1.01	ND		5.40	0.503	8.82		6.31	0.588	ND		27.0	2.51	ND		1.52	0.141	ND		1.52	0.141	ND		7.58	2.00	ND		12.6	3.33	ND		30.6	8.06	40.9		2.55	0.673	ND		1.52	0.400
Tert-Butyl Methyl Ether	ND		5.16	1.35	ND		2.57	0.674	ND		3.00	0.790	ND		12.8	3.37	ND		0.721	0.189	ND		0.721	0.189	ND		3.61	0.811	ND		6.02	1.35	ND		14.5	3.27	ND		1.21	0.273	ND		0.721	0.162
Tetrachloroethylene (PCE)	21.6		9.70	3.17	13.3		4.84	1.59	31.7		5.65	1.85	38.2		24.1	7.87	1.94		1.36	0.444	ND		1.36	0.444	27.7		6.78	2.13	24.1		11.3	3.54	78.7		27.3	8.54	4.28		2.29	0.719	ND		1.36	0.425
Tetrahydrofuran	ND		10.5	1.20	ND		5.25	0.599	ND		6.13	0.699	ND		26.2	2.98	ND		1.47	0.168	ND		1.47	0.168	ND		7.37	1.73	ND		12.3	2.88	ND		29.8	6.96	5.46		2.48	0.581	2.22		1.47	0.345
Toluene	ND		5.39	1.40	ND		2.69	0.701	3.61		3.14	0.818	ND		13.4	3.49	60.7		0.754	0.196	198		0.754	0.196	ND		3.77	1.64	ND		6.29	2.72	ND		15.2	6.59	98.0		1.27	0.550	2.56		0.754	0.327
Trans-1,2-Dichloroethene	68.6		5.67	1.82	36.3		2.83	0.912	206		3.30	1.06	240		14.1	4.52	1.36		0.793	0.255	1.30		0.793	0.255	75.3		3.96	1.50	69.4		6.62	2.49	267		16.0	6.03	ND		1.34	0.504	ND		0.793	0.299
Trans-1,3-Dichloropropene	ND		6.49	1.41	ND		3.24	0.708	ND		3.78	0.826	ND		16.2	3.52	ND		0.908	0.198	ND		0.908	0.198	ND		4.54	1.78	ND		7.58	2.96	ND		18.3	7.17	ND		1.53	0.599	ND		0.908	0.355
Trichloroethylene (TCE)	2530		7.69	1.94	1700		3.84	0.967	6880		17.9	4.53	6990		19.1	4.83	22.4		1.07	0.271	40.1		1.07	0.271	2860		10.7	2.95	2990		8.97	2.46	10600		21.7	5.91	114		1.81	0.496	1.79		1.07	0.295
Trichlorofluoromethane	9.33		8.04	2.75	7.76		4.01	1.38	31.9		4.68	1.61	38.9		20.0	6.86	1.53		1.12	0.386	1.53		1.12	0.386	9.89		5.62	2.21	9.67		9.38	3.69	31.1		22.6	8.88	ND		1.89	0.742	1.16		1.12	0.442
Vinyl Acetate	ND		25.1	1.20	ND		12.6	0.602	ND		14.7	0.704	ND		62.7	3.00	ND		3.52	0.169	ND		3.52	0.169	ND		17.6	5.70	ND		29.3	9.47	ND		70.8	22.9	ND		5.92	1.92	-		-	-
Vinyl Bromide	ND		6.25	2.24	ND		3.12	1.12	ND		3.64	1.31	ND		15.6	5.60	ND		0.874	0.313	ND		0.874	0.313	ND		4.37	1.58	ND		7.30	2.63	ND		17.6	6.34	ND		1.47	0.533	ND		0.874	0.316
Vinyl Chloride	ND		3.66	1.15	ND		1.83	0.573	3.43		2.13	0.667	ND		9.10	2.86	ND		0.511	0.160	ND		0.511	0.160	ND		2.56	0.744	ND		4.27	1.24	ND		10.3	2.99	ND		0.861	0.251	ND		0.511	0.149

NOTES:
Concentrations measured in micrograms per cubic meter

J - Data indicates the presence of a compound that meets the identification criteria, the result is less than the quantification

ND - Non-detectable

Table 4 Soil Vapor Sampling Results
Standard Motor Products, Inc.
Long Island, Queens, New York

SAMPLING EVENT:	BASELINE			QUARTER 1			QUARTER 2			QUARTER 3			QUARTER 4			QUARTER 5			QUARTER 6			QUARTER 7			QUARTER 8			QUARTER 9			QUARTER 10			QUARTER 11			QUARTER 12		
SAMPLE LOCATION	SG-7			SG-7			SG-7			SG-7			SG-7			SG-7			SG-7			SG-7			SG-7			SG-7			SG-7			SG-7			SG-7		
LAB ID:	L2053280-07			L2107146-08			L2126491-07			L2142630-08			L2161709-07			L2208290-06			L2227173-07			L2244534-01			L2266971-07			L2306777-05			L2327533-05			L2348799-05			L2367850-05		
COLLECTION DATE:	11/24/2020			02/12/2021			05/19/2021			08/09/2021			11/09/2021			02/16/2022			05/20/2022			08/16/2022			11/29/2022			02/07/2023			05/17/2023			08/22/2023			11/14/2023		
	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS IN AIR																																								
1,1,1-Trichloroethane	58.9		1.09	0.273	150		2.20	0.551	196		2.73	0.682	72		1.09	0.273	44.8		1.09	0.273	4.18		1.09	0.273	38.6		1.09	0.273	4240		19.5	4.89	153		1.09	0.273	74.2		1.09	0.335	517		6.82	2.10	8.84		1.09	0.335	4.29		1.09	0.335
1,1,2,2-Tetrachloroethane	ND		1.37	0.422	ND		2.77	0.852	ND		3.43	1.06	ND		1.37	0.422	ND		1.37	0.422	ND		1.37	0.422	ND		1.37	0.422	ND		24.6	7.55	ND		1.37	0.422	ND		1.37	0.357	ND		8.58	2.23	ND		1.37	0.357	ND		1.37	0.357
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1.53	0.503	ND		3.10	1.01	ND		3.83	1.26	ND		1.53	0.503	ND		1.53	0.503	ND		1.53	0.503	127		27.4	8.97	1.88		1.53	0.503	ND		1.53	0.503	ND		1.53	0.388	ND		9.58	2.42	ND		1.53	0.388	ND		1.53	0.388
1,1,2-Trichloroethane	ND		1.09	0.366	ND		2.20	0.737	ND		2.73	0.917	ND		1.09	0.366	ND		1.09	0.366	ND		1.09	0.366	ND		1.09	0.366	ND		19.5	6.55	ND		1.09	0.366	ND		1.09	0.318	ND		6.82	1.99	ND		1.09	0.318	ND		1.09	0.318
1,1-Dichloroethane	14.2		0.809	0.254	39.5		1.64	0.514	77.3		2.02	0.635	18.7		0.809	0.254	12.2		0.809	0.254	1.16		0.809	0.254	7.85		0.809	0.254	822		14.5	4.53	55.9		0.809	0.254	28.3		0.809	0.230	204		5.06	1.44	3.93		0.809	0.230	2.31		0.809	0.230
1,1-Dichloroethene	1.15		0.793	0.255	2.62		1.60	0.515	ND		1.98	0.638	ND		0.793	0.255	ND		0.793	0.255	ND		0.793	0.255	18.9		14.2	4.56	ND		0.793	0.225	ND		4.96	1.41	ND		0.793	0.225	ND		0.793	0.225
1,2,4-Trichlorobenzene	ND		1.48	0.500	ND		3.00	1.01	ND		3.71	1.25	ND		1.48	0.5	ND		1.48	0.5	ND		1.48	0.500	ND		1.48	0.500	ND		26.6	8.91	ND		1.48	0.500	ND		1.48	0.742	ND		9.28	4.64	ND		1.48	0.742	ND		1.48	0.742
1,2,4-Trimethylbenzene	1.90		0.983	0.181	ND		1.99	0.365	ND		2.46	0.452	5.26		0.983	0.181	2.2		0.983	0.181	ND		0.983	0.181	3.24		0.983	0.181	ND		17.6	3.23	1.94		0.983	0.181	ND		0.983	0.284	ND		6.15	1.77	2.96		0.983	0.284	2.79		0.983	0.284
1,2-Dibromoethane (Ethylene Dibromide)	ND		1.54	0.431	ND		3.10	0.868	ND		3.84	1.08	ND		1.54	0.431	ND		1.54	0.431	ND		1.54	0.431	ND		1.54	0.431	ND		27.5	7.69	ND		1.54	0.431	ND		1.54	0.418	ND		9.61	2.61	ND		1.54	0.418	ND		1.54	0.418
1,2-Dichlorobenzene	ND		1.20	0.378	ND		2.43	0.764	ND		3.01	0.944	ND		1.2	0.378	ND		1.2	0.378	ND		1.20	0.378	ND		1.20	0.378	ND		21.5	6.73	ND		1.20	0.378	ND		1.20	0.372	ND		7.52	2.33	ND		1.20	0.372	ND		1.20	0.372
1,2-Dichloroethane	ND		0.809	0.244	ND		1.64	0.494	ND		2.02	0.607	ND		0.809	0.244	ND		0.809	0.244	ND		0.809	0.244	ND		0.809	0.244	ND		14.5	4.37	ND		0.809	0.244	ND		0.809	0.319	ND		5.06	1.99	ND		0.809	0.319	ND		0.809	0.319
1,2-Dichloropropane	ND		0.924	0.282	ND		1.87	0.568	ND		2.31	0.702	ND		0.924	0.282	ND		0.924	0.282	ND		0.924	0.282	ND		0.924	0.282	ND		16.5	5.04	ND		0.924	0.282	ND		0.924	0.292	ND		5.78	1.82	ND		0.924	0.292	ND		0.924	0.292
1,2-Dichlorotetrafluoroethane	ND		1.40	0.413	ND		2.82	0.832	ND		3.49	1.03	ND		1.4	0.413	ND		1.40	0.413	ND		1.40	0.413	ND		1.40	0.413	ND		25.0	7.41	ND		1.40	0.413	ND		1.40	0.352	ND		8.74	2.20	ND		1.40	0.352	ND		1.40	0.352
1,3,5-Trimethylbenzene (Mesitylene)	ND		0.983	0.332	ND		1.99	0.669	ND		2.46	0.831	ND		0.983	0.332	ND		0.983	0.332	ND		0.983	0.332	ND		0.983	0.332	ND		17.6	5.95	ND		0.983	0.332	ND		0.983	0.295	ND		6.15	1.84	ND		0.983	0.295	ND		0.983	0.295
1,3-Butadiene	ND		0.442	0.148	ND		0.894	0.299	ND		1.11	0.372	ND		0.442	0.148	ND		0.442	0.148	ND		0.442	0.148	ND		0.442	0.148	ND		7.92	2.65	ND		0.442	0.148	ND		0.442	0.137	ND		2.77	0.856	ND		0.442	0.137	ND		0.442	0.137
1,3-Dichlorobenzene	ND		1.20	0.377	ND		2.43	0.764	ND		3.01	0.944	4.39		1.2	0.377	ND		1.2	0.377	ND		1.20	0.377	ND		1.20	0.377	ND		21.5	6.73	ND		1.20	0.377	ND		1.20	0.467	ND		7.52	2.92	2.98		1.20	0.467	ND		1.20	0.467
1,4-Dichlorobenzene	ND		1.20	0.382	ND		2.43	0.770	ND		3.01	0.956	ND		1.2	0.382	ND		1.2	0.382	ND		1.20	0.382	ND		1.20	0.382	ND		21.5	6.85	ND		1.20	0.382	ND		1.20	0.497	ND		7.52	3.10	ND		1.20	0.497	ND		1.20	0.497
1,4-Dioxane	ND		0.721	0.290	ND		1.46	0.587	3.39		1.8	0.724	ND		0.721	0.29	ND		0.721	0.290	ND		0.721	0.290	ND		0.721	0.290	ND		12.9	5.19	ND		0.721	0.290	ND		0.721	0.194	ND		4.50	1.21	ND		0.721	0.194	ND		0.721	0.194
2,2,4-Trimethylpentane	ND		0.934	0.169	ND		1.89	0.340	ND		2.34	0.421	1.13		0.934	0.169	ND		0.934	0.169	1.12		0.934	0.169	0.986		0.934	0.169	ND		16.7	3.01	ND		0.934	0.169	ND		0.934	0.323	ND		5.84	2.02	ND		0.934	0.323	ND		0.934	0.323
2-Hexanone	ND		0.820	0.266	ND		1.66	0.537	ND		2.05	0.664	ND		0.82	0.266	ND		0.820	0.266	ND		0.820	0.266	ND		0.820	0.266	ND		14.7	4.75	ND		0.820	0.266	ND		0.820	0.374	ND		5.12	2.34	ND		0.820	0.374	ND		0.820	0.374
4-Ethyltoluene	ND		0.983	0.182	ND		1.99	0.367	ND		2.46	0.455	ND		0.983	0.182	ND		0.983	0.182	ND		0.983	0.182	ND		0.983	0.182	ND		17.6	3.25	ND		0.983	0.182	ND		0.983	0.272	ND		6.15	1.70	ND		0.983	0.272	ND		0.983	0.272
Acetone	28.3		2.38	1.64	134		4.80	3.30	91.7		5.94	4.09	15.4		2.38	1.64	5.15		2.38	1.64	4.85		2.38	1.64	19.3		2.38	1.64	406		42.5	29.2	4.99		2.38	1.64	2.64		2.38	1.22	ND		14.8	7.65	34.0		2.38	1.22	2.64		2.38	1.22
Allyl Chloride (3-Chloropropene)	ND		0.626	0.183	ND		1.26	0.369	ND		1.57	0.457	ND		0.626	0.183	ND		0.626	0.183	ND		0.626	0.183	ND		0.626	0.183	ND		11.2	3.26	ND		0.626	0.183	ND		0.626	0.269	ND		3.91	1.68	ND		0.626	0.269	ND		0.626	0.269
Benzene	ND		0.639	0.156	1.56		1.29	0.314	ND		1.6	0.39	1.73		0.639	0.156	0.783		0.639	0.156	ND		0.639	0.156	0.732		0.639	0.156	14.6		11.4	2.78	ND		0.639	0.156	ND		0.639	0.205	ND		3.99	1.28	2.21		0.639	0.205	ND		0.639	0.205
Benzyl Chloride	ND		1.04	0.250	ND		2.09	0.504	ND		2.59	0.621	ND		1.04	0.25	ND		1.04	0.250	ND		1.04	0.250	ND		1.04	0.250	ND		18.5	4.46	ND		1.04	0.250	ND		1.04	0.486	ND		6.47	3.04	ND		1.04	0.486	ND		1.04	0.486
Bromodichloromethane	ND		1.34	0.338	ND		2.71	0.683	ND		3.35	0.844	ND		1.34	0.338	ND		1.34	0.338	ND		1.34	0.338	ND		1.34	0.338	ND		24.0	6.04	ND		1.34	0.338	ND		1.34	0.462	ND		8.37	2.89	ND		1.34	0.462	ND		1.34	0.462
Bromoform	ND		2.07	0.663	ND		4.18	1.33	ND		5.17	1.65	ND		2.07	0.663	ND		2.07	0.663	ND		2.07	0.663	ND		2.07	0.663	ND		37.0	11.9	ND		2.07	0.663	ND		2.07	0.616	ND		12.9	3.85	ND		2.07	0.616	ND		2.07	0.616
Bromomethane	ND		0.777	0.300	ND		1.57	0.606	ND		1.94	0.749	ND		0.777	0.3	ND		0.777	0.3	ND		0.777	0.300	ND		0.777	0.300	ND		13.9	5.36	ND		0.777	0.300	ND		0.777	0.212	ND		4.85	1.33	ND		0.777	0.212	ND		0.777	0.212
Carbon Disulfide	ND		0.623	0.174	ND		1.26	0.352	3.83		1.56	0.436	2.3		0.623	0.174	0.916		0.623	0.174	ND		0.623	0.174	0.732		0.623	0.174	23.3		11.1	3.11	ND		0.623	0.174	ND		0.623	0.145	ND		3.89	0.906	ND		0.623	0.145	ND		0.623	0.145
Carbon Tetrachloride	ND		1.26	0.314	ND		2.54	0.635	ND		3.15	0.786	ND		1.26	0.314	ND		1.26	0.314	ND		1.26	0.314	ND		1.26	0.314	ND		22.5	5.61	ND		1.26	0.314	ND		1.26	0.432	ND		7.86	2.70	ND		1.26	0.432	ND		1.26	0.432
Chlorobenzene	ND		0.921	0.287	ND		1.86	0.580	ND		2.3	0.718	ND		0.921	0.287	ND		0.921	0.287	ND		0.921	0.287	ND		0.921	0.287	ND		16.5	5.16	ND		0.921	0.287	ND		0.921	0.238	ND		5.76	1.48	ND		0.921	0.238	ND		0.921	0.238
Chloroethane	ND		0.528	0.212	ND		1.07	0.430	7.28		1.32	0.53	2.13		0.528	0.212	ND		0.528	0.212	ND		0.528	0.212	ND		0.528	0.212	ND		9.45	3.80	ND		0.528	0.212	ND		0.528	0.171	ND		3.30	1.07	ND		0.528	0.171	ND		0.528	0.171
Chloroform	ND		0.977	0.309	ND		1.97	0.625	ND		2.44	0.772	ND		0.977	0.309	ND		0.977	0.309	ND		0.977	0.309	ND		0.977	0.309	ND		17.5	5.52	ND		0.977	0.309	ND		0.977	0.270	ND		6.10	1.68	ND		0.977	0.270	ND		0.977	0.270
Chloromethane	ND		0.413	0.142	1.08		0.834	0.287	3.76		1.03	0.355	0.622		0.413	0.142	0.485		0.413	0.142	1.02		0.413	0.142	0.754		0.413	0.142	ND		7.39	2.54	ND		0.413	0.142	ND		0.413	0.119	ND		2.58	0.743	0.979		0.413	0.119	ND		0.413	0.119
Cis-1,2-Dichloroethylene	8.29		0.793	0.464	58.3		1.60	0.936	56.3		1.98	1.16	10.4		0.793	0.464	7.18		0.793	0.464	0.908		0.793	0.464	3.26		0.793	0.464	247		14.2	8.29	18.8		0.793	0.464	11.0		0.793	0.236	73.7		4.96	1.47	2.34		0.793	0.236	1.78		0.793	0.236
Cis-1,3-Dichloropropene	ND		0.908	0.186	ND		1.83	0.375	ND		2.27	0.463	ND		0.908	0.186	ND		0.908	0.186	ND		0.908	0.186	ND		0.908	0.186	ND		16.3	3.32	ND		0.908	0.186	ND		0.908	0.306	ND		5.67	1.91	ND		0.908	0.306	ND		0.908	0.306
Cyclohexane	ND		0.688	0.127	ND		1.39	0.256	2.13		1.72	0.317	ND		0.688	0.127	ND		0.688	0.127	0.713		0.688	0.127	ND		0.688	0.127	14.2		12.3	2.26	ND		0.688	0.127	ND		0.688	0.251	ND		4.30	1.57	1.60		0.688	0.251	ND		0.688	0.251
Dibromochloromethane	ND		1.70	0.523	ND		3.44	1.06	ND		4.26	1.31	ND		1.7	0.523	ND		1.7	0.523	ND		1.70	0.523	ND		1.70	0.523	ND		30.5	9.37	ND		1.70	0.523	ND		1.70	0.482	ND		10.6	3.02	ND		1.70	0.482	ND		1.70	0.482
Dichlorodifluoromethane	1.97		0.989	0.288	2.00		2.00	0.583	ND		2.47	0.722	1.48		0.989	0.288	2.39		0.989	0.288	2.35		0.989	0.288	2.17		0.989	0.288	ND		17.7	5.14	2.41		0.989	0.288	2.15		0.989	0.374	ND		6.18	2.34	2.45		0.989	0.374	2.26		0.989	0.374
Ethanol	ND		9.42	1.38	ND		19.0	2.79	32.2		23.6	3.45	33.7		9.42	1.38	ND		9.42	1.38	19.6		9.42	1.38	ND		168	24.7	ND		9.42	1.38	ND		9.42	3.28	ND		58.8	20.5	77.3		9.42	3.28	ND		9.42	3.28
Ethyl Acetate	ND		1.80	0.440	ND		3.64	0.887	ND		4.5	1.1	ND		1.8	0.44	ND		1.8	0.44	ND		1.80	0.440	ND		1.80	0.440	ND		32.2	7.86	ND		1.80	0.440	ND		1.80	1.07	ND		11.2	6.70	ND		1.80	1.07	ND		1.80	1.07
Ethylbenzene	ND		0.869	0.188	ND		1.75	0.379	ND		2.17	0.469	1.78		0.869	0.188	ND		0.869	0.188	ND		0.869	0.188	113		0.869	0.188	ND		15.5	3.35	ND		0.869	0.188	ND		0.869	0.250	ND		5.43	1.56	ND		0.869	0.250	0.995		0.869	0.250
Hexachlorobutadiene	ND		2.13	0.564	ND		4.31	1.14	ND		5.33	1.41	ND		2.13	0.564	ND		2.13	0.564	ND		2.13	0.564	ND		2.13	0.564	ND		38.2	10.1	ND		2.13	0.564	ND		2.13	0.647	ND		13.3	4.04	ND		2.13	0.647	ND		2.13	0.647
Isopropanol	ND		1.23	1.17	ND		2.48	2.37	5.53		3.07	2.95	1.65		1.23	1.17	ND		1.23	1.17	2.51		1.23	1.17	23.9		22.0	21.0	ND		1.23	1.17	ND		1.23	0.669	ND		7.67	4.18	ND		1.23	0.669	ND		1.23	0.669
m,p-Xylene	ND		1.74	0.395	ND		3.51	0.799	ND		4.34	0.99	7.56		1.74	0.395	ND		1.74	0.395	377		1.74	0.395	ND		31.1	7.08	ND		1.74	0.395	ND		1.74	0.543	ND		10.9	3.39	2.65		1.74	0.543	4.34		1.74	0.543
Methyl Ethyl Ketone (2-Butanone)	ND		1.47	0.142	4.34		2.98	0.287	23.3		3.69	0.354	2.21		1.47	0.142	ND		1.47	0.142	2.65		1.47	0.142	6.11		1.47	0.142	69.0		26.4	2.54	ND		1.47	0.142	ND		1.47	0.292	ND		9.20	1.83	2.42		1.47	0.292	ND		1.47	0.292
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ND		2.05	0.173	ND		4.14	0.348	ND		5.12	0.43	ND		2.05	0.173	ND		2.05	0.173	ND		2.05	0.173	ND		2.05	0.173	ND		36.6	3.09	ND		2.05	0.173	ND		2.05	0.779	ND		12.8	4.88	ND		2.05	0.779	ND		2.05	0.779
Methyl Methacrylate	ND		2.05	0.285	ND		4.14	0.577	ND		5.12	0.713	-		-	-	ND		2.05	0.285	ND		2.05	0.285	ND		2.05	0.285	-		-	-	ND		2.05	0.285	ND		2.05	0.925	ND		12.8	5.77	ND		2.05	0.925	-		-	-
Methylene Chloride	2.36		1.74	0.466	ND		3.51	0.941	7.5		4.34	1.16	1.79		1.74	0.466	2.48		1.74	0.466	5.28		1.74	0.466	ND		1.74	0.466	80.3		31.1	8.34	2.85		1.74	0.466	ND		1.74	0.434	ND		10.8	2.71	ND		1.74	0.434	1.87		1.74	0.434
Naphthalene	1.57		1.05	0.464	ND		2.12	0.939	ND		2.62	1.16	-		-	-	3.09		1.05	0.464	ND		1.05	0.464	1.34		1.05	0.464	-		-	-	ND		1.05	0.464	ND		1.05	0.409	-		-	-	ND		1.05	0.409	-		-	-
N-Heptane	-		-	-	-		-	-	-		-	-	ND		0.82	0.193	ND		0.82	0.193	1.03		0.820	0.193	12.8		0.820	0.193	ND		14.7	3.44	ND		0.820	0.193	ND		0.820	0.339	ND		5.12	2.12	6.07		0.820	0.339	ND		0.820	0.339
N-Hexane	ND		0.705	0.128	1.64		1.42	0.259	4.58		1.76	0.321	0.853		0.705	0.128	ND		0.705	0.128	2.26		0.705	0.128	0.730		0.705	0.128	ND		12.6	2.29	0.930		0.705	0.128	ND		0.705	0.262	ND		4.41	1.64	3.42		0.705	0.262	ND		0.705	0.262
o-Xylene (1,2-Dimethylbenzene)	ND		0.869	0.197	ND		1.75	0.397	ND		2.17	0.491	2.67		0.869	0.197	ND		0.869	0.197	ND		0.869	0.197	96.0		0.869	0.197	17.5		15.5	3.52	ND		0.869	0.197	ND		0.869	0.270	ND		5.43	1.69	1.31		0.869	0.270	1.41		0.869	0.270
Propylene	ND		0.861	0.103	2.38		1.74	0.208	11.4		2.15	0.258	-		-	-	ND		0.861	0.103	ND		0.861	0.103	ND		0.861	0.103	-		-	-	ND		0.861	0.103	1.25		0.861	0.232	ND		5.37	1.45	1.14		0.861	0.232	-		-	-
Styrene	ND		0.852	0.185	ND		1.72	0.373	ND		2.13	0.46	ND		0.852	0.185	ND		0.852	0.185	ND		0.852	0.185	ND		0.852	0.185	ND		15.2	3.30	ND		0.852	0.185	ND		0.852	0.254	ND		5.32	1.58	ND		0.852	0.254	ND		0.852	0.254
Tert-Butyl Alcohol	-		-	-	-		-	-	-		-	-	2.85		1.52	0.141	ND		1.52	0.141	2.45		1.52	0.141	ND		27.1	2.53	ND		1.52	0.141	ND		1.52	0.400	ND		9.46	2.50	2.13		1.52	0.400	ND		1.52	0.400
Tert-Butyl Methyl Ether	ND		0.721	0.189	ND		1.46	0.382	ND		1.8	0.472	ND		0.721	0.189	ND		0.721	0.189	ND		0.721	0.189	ND		0.721	0.189	ND		12.9	3.39	ND		0.721	0.189	ND		0.721	0.162	ND		4.51	1.01	ND		0.721	0.162	ND		0.721	0.162
Tetrachloroethylene (PCE)	4.82		1.36	0.444	ND		2.74	0.895	11.7		3.39	1.11	5.13		1.36	0.444	3.65		1.36	0.444	ND		1.36	0.444	1.93		1.36	0.444	206		24.3	7.93	20.1		1.36	0.444	11.1		1.36	0.425	50.8		8.48	2.66	2.31		1.36	0.425	1.36		1.36	0.425
Tetrahydrofuran	1.62		1.47	0.168	ND		2.98	0.339	ND		3.69	0.419	1.5		1.47	0.168	ND		1.47	0.168	ND		1.47	0.168	ND		1.47	0.168	234		26.4	3.01	ND		1.47	0.168	ND		1.47	0.345	ND		9.20	2.16	ND		1.47	0.345	ND		1.47	0.345
Toluene	1.39		0.754	0.196	3.77		1.52	0.396	13.5		1.88	0.49	33.7		0.754	0.196	1.47		0.754	0.196	0.761		0.754	0.196	2.25		0.754	0.196	18.1		13.5	3.50	7.95		0.754	0.196	ND		0.754	0.327	4.71		2.04	50.9	0.754	0.327	0.848		0.754	0.327
Trans-1,2-Dichloroethene	ND		0.793	0.255	ND		1.60	0.515	ND		1.98	0.638	ND		0.793	0.255	ND		0.793	0.255	ND		0.793	0.255	ND		0.793	0.255	15.7		14.2	4.56	1.28		0.793	0.255	ND		0.793	0.299	ND		4.96	1.87	ND		0.793	0.299	ND		0.793	0.299
Trans-1,3-Dichloropropene	ND		0.908	0.198	ND		1.83	0.400	ND		2.27	0.495	ND		0.908	0.198	ND		0.908	0.198	ND		0.908	0.198	ND		0.908	0.198	ND		16.3	3.54	ND		0.908	0.198	ND		0.908	0.355	ND		5.67	2.22	ND		0.908	0.355	ND		0.908	0.355
Trichloroethylene (TCE)	379		1.07	0.271	458		2.17	0.548	914		2.69	0.677	247		1.07	0.271	167		1.07	0.271	18.5		1.07	0.271	117		1.07	0.271	6500		19.2	4.85	520		1.07	0.271	283		1.07	0.295	2220		6.72	1.84	35.4		1.07	0.295	18.6		1.07	0.295
Trichlorofluoromethane	1.47		1.12	0.386	ND		2.27	0.776	ND		2.81	0.967	1.4		1.12	0.386	1.85		1.12	0.386	1.65		1.12	0.386	1.43		1.12	0.386	33.4		20.1	6.91	2.62		1.12	0.386	1.67		1.12	0.442	7.02		7.02	2.76	1.34		1.12	0.442	1.17		1.12	0.442
Vinyl Acetate	ND		3.52	0.169	ND		7.11	0.341	ND		8.8	0.423	-		-	-	ND		3.52	0.169	ND		3.52	0.169	ND		3.52	0.169	-		-	-	ND		3.52	1.14	-		-	-	ND		22.0	7.11	ND		3.52	1.14	-		-	-
Vinyl Bromide	ND		0.874	0.313	ND		1.77	0.634	ND		2.19	0.783	ND		0.874	0.313	ND		0.874	0.313	ND		0.874	0.313	ND		0.874	0.313	ND		15.7	5.60	ND		0.874	0.313	ND		0.874	0.316	ND		5.47	1.97	ND		0.874	0.316	ND		0.874	0.316
Vinyl Chloride	ND		0.511	0.160	4.86		1.03	0.325	ND		1.28	0.401	ND		0.511	0.16	ND		0.511	0.16	ND

Table 4 Soil Vapor Sampling Results
Standard Motor Products, Inc.
Long Island, Queens, New York

SAMPLING EVENT:	BASELINE				QUARTER 1				QUARTER 2				QUARTER 3				QUARTER 4				QUARTER 5				QUARTER 6				QUARTER 7			
SAMPLE LOCATION	SG-8				SG-8				SG-8				SG-8				SG-8				SG-8				SG-8				SG-8			
LAB ID:	L2053280-08				L2107146-09				L2126491-08				L2142630-09				L2161709-08				L2208290-07				L2227173-08				L2243181-07			
COLLECTION DATE:	11/24/2020				02/12/2021				05/19/2021				08/09/2021				11/09/2021				02/16/2022				05/20/2022				08/10/2022			
	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS IN AIR																																
1,1,1-Trichloroethane	113		1.09	0.273	122		1.95	0.488	4600		42.6	10.7	14500		112	28.2	3770		13.6	3.42	818		3.41	0.851	380		2.28	0.567	6820		25.9	6.49
1,1,2,2-Tetrachloroethane	ND		1.37	0.422	ND		2.45	0.755	ND		53.6	16.5	ND		141	43.4	ND		17.2	5.27	ND		4.29	1.32	ND		2.86	0.879	ND		32.5	10.0
1,1,2-Trichloro-1,2,2-Trifluoroethane	3.92		1.53	0.503	3.92		2.74	0.897	145		59.9	19.6	233		158	51.7	96.6		19.2	6.28	17.6		4.79	1.57	12.8		3.20	1.05	307		36.3	12.0
1,1,2-Trichloroethane	ND		1.09	0.366	ND		1.95	0.655	ND		42.6	14.3	ND		112	37.6	ND		13.6	4.57	ND		3.41	1.14	ND		2.28	0.764	ND		25.9	8.68
1,1-Dichloroethane	76.9		0.809	0.254	106		1.44	0.453	1850		31.6	9.92	2870		83.4	26.1	1150		10.1	3.18	217		2.53	0.793	106		1.69	0.530	2200		19.2	6.03
1,1-Dichloroethene	1.89		0.793	0.255	1.42		1.42	0.456	60.3		31	9.95	137		81.7	26.2	15		9.91	3.19	ND		2.48	0.797	ND		1.65	0.531	20.7		18.8	6.03
1,2,4-Trichlorobenzene	ND		1.48	0.500	ND		2.65	0.891	ND		58	19.5	ND		153	51.5	ND		18.6	6.25	ND		4.64	1.57	ND		3.10	1.04	ND		35.2	11.9
1,2,4-Trimethylbenzene	1.71		0.983	0.181	2.81		1.76	0.323	ND		38.4	7.08	ND		101	18.6	ND		12.3	2.26	ND		3.07	0.565	2.35		2.05	0.377	ND		23.3	4.29
1,2-Dibromoethane (Ethylene Dibromide)	ND		1.54	0.431	ND		2.74	0.769	ND		60	16.8	ND		158	44.3	ND		19.2	5.39	ND		4.80	1.34	ND		3.20	0.899	ND		36.4	10.2
1,2-Dichlorobenzene	ND		1.20	0.378	ND		2.15	0.673	ND		47	14.7	ND		124	38.8	ND		15	4.72	ND		3.76	1.18	ND		2.51	0.788	ND		28.5	8.96
1,2-Dichloroethane	ND		0.809	0.244	ND		1.44	0.437	ND		31.6	9.51	ND		83.4	25.1	ND		10.1	3.04	ND		2.53	0.761	ND		1.69	0.506	ND		19.2	5.79
1,2-Dichloropropane	ND		0.924	0.282	ND		1.65	0.504	ND		36.1	11	ND		95.2	29	ND		11.6	3.52	ND		2.89	0.883	ND		1.93	0.587	ND		21.9	6.70
1,2-Dichlorotetrafluoroethane	ND		1.40	0.413	ND		2.50	0.741	ND		54.6	16.1	ND		144	42.5	ND		17.5	5.17	ND		4.37	1.29	ND		2.91	0.860	ND		33.1	9.79
1,3,5-Trimethylbenzene (Mesitylene)	ND		0.983	0.332	2.45		1.76	0.590	ND		38.4	13	ND		101	34.1	ND		12.3	4.15	ND		3.07	1.04	ND		2.05	0.693	ND		23.3	7.87
1,3-Butadiene	ND		0.442	0.148	ND		0.790	0.265	ND		17.3	5.8	ND		45.6	15.2	ND		5.53	1.85	ND		1.38	0.462	ND		0.923	0.310	ND		10.5	3.52
1,3-Dichlorobenzene	ND		1.20	0.377	ND		2.15	0.673	ND		47	14.7	ND		124	38.8	ND		15	4.71	ND		3.76	1.18	ND		2.51	0.788	ND		28.5	8.96
1,4-Dichlorobenzene	ND		1.20	0.382	ND		2.15	0.685	ND		47	14.9	ND		124	39.3	ND		15	4.78	ND		3.76	1.20	ND		2.51	0.794	ND		28.5	9.08
1,4-Dioxane	ND		0.721	0.290	ND		1.29	0.519	ND		28.1	11.3	ND		74.2	29.8	ND		9.01	3.64	ND		2.25	0.908	ND		1.50	0.605	ND		17.1	6.88
2,2,4-Trimethylpentane	ND		0.934	0.169	ND		1.67	0.301	ND		36.5	6.59	ND		96.2	17.3	ND		11.7	2.11	ND		2.92	0.528	ND		1.95	0.351	ND		22.1	4.00
2-Hexanone	ND		0.820	0.266	ND		1.46	0.475	ND		32	10.4	ND		84.4	27.3	ND		10.2	3.32	ND		2.56	0.828	ND		1.71	0.553	ND		19.4	6.31
4-Ethyltoluene	ND		0.983	0.182	ND		1.76	0.325	ND		38.4	7.08	ND		101	18.7	ND		12.3	2.27	ND		3.07	0.570	ND		2.05	0.379	ND		23.3	4.32
Acetone	15.3		2.38	1.64	ND		4.25	2.92	ND		92.9	63.9	ND		245	168	ND		29.7	20.5	ND		7.41	5.11	35.4		4.94	3.42	66.0		56.3	38.7
Allyl Chloride (3-Chloropropene)	ND		0.626	0.183	ND		1.12	0.326	ND		24.4	7.14	ND		64.5	18.8	ND		7.83	2.29	ND		1.96	0.573	ND		1.31	0.382	ND		14.8	4.35
Benzene	ND		0.639	0.156	ND		1.14	0.278	ND		25	6.07	ND		65.8	16	ND		7.99	1.95	ND		2.00	0.486	ND		1.33	0.323	ND		15.1	3.71
Benzyl Chloride	ND		1.04	0.250	ND		1.85	0.446	ND		40.4	9.73	ND		107	25.7	ND		12.9	3.12	ND		3.24	0.782	ND		2.16	0.518	ND		24.5	5.90
Bromodichloromethane	ND		1.34	0.338	ND		2.39	0.603	ND		52.3	13.2	ND		138	34.8	ND		16.7	4.22	ND		4.19	1.06	ND		2.79	0.703	ND		31.8	8.04
Bromoform	ND		2.07	0.663	ND		3.69	1.18	ND		80.8	25.8	ND		213	68.2	ND		25.8	8.28	ND		6.46	2.07	ND		4.31	1.39	ND		49.0	15.7
Bromomethane	ND		0.777	0.300	ND		1.39	0.536	ND		30.3	11.7	ND		80	30.9	ND		9.71	3.75	ND		2.43	0.940	ND		1.62	0.625	ND		18.4	7.11
Carbon Disulfide	ND		0.623	0.174	ND		1.11	0.311	ND		24.3	6.79	ND		64.2	17.9	ND		7.79	2.18	ND		1.95	0.545	ND		1.30	0.361	ND		14.8	4.11
Carbon Tetrachloride	ND		1.26	0.314	ND		2.25	0.560	ND		49.1	12.3	ND		130	32.3	ND		15.7	3.93	ND		3.93	0.981	ND		2.62	0.654	ND		29.8	7.42
Chlorobenzene	ND		0.921	0.287	ND		1.64	0.511	ND		36	11.2	ND		94.9	29.6	ND		11.5	3.59	ND		2.88	0.898	ND		1.92	0.599	ND		21.8	6.82
Chloroethane	ND		0.528	0.212	5.99		0.942	0.380	ND		20.6	8.29	ND		54.4	21.8	ND		6.6	2.67	1.86		1.65	0.665	ND		1.10	0.443	ND		12.5	5.04
Chloroform	ND		0.977	0.309	ND		1.74	0.552	ND		38.1	12.1	ND		101	31.8	ND		12.2	3.86	ND		3.05	0.967	ND		2.04	0.645	ND		23.1	7.33
Chloromethane	ND		0.413	0.142	ND		0.737	0.254	ND		16.1	5.55	ND		42.5	14.6	ND		5.16	1.78	ND		1.29	0.444	1.04		0.861	0.297	ND		9.79	3.37
Cis-1,2-Dichloroethylene	118		0.793	0.464	193		1.42	0.829	3290		31	18.1	3490		81.7	47.6	1030		9.91	5.79	115		2.48	1.45	57.1		1.65	0.967	1240		18.8	11.0
Cis-1,3-Dichloropropene	ND		0.908	0.186	ND		1.62	0.331	ND		35.5	7.26	ND		93.5	19.1	ND		11.3	2.32	ND		2.84	0.581	ND		1.89	0.387	ND		21.5	4.40
Cyclohexane	ND		0.688	0.127	ND		1.23	0.226	ND		26.9	4.96	ND		70.9	13	ND		8.61	1.58	ND		2.15	0.396	ND		1.44	0.264	ND		16.3	3.00
Dibromochloromethane	ND		1.70	0.523	ND		3.04	0.937	ND		66.5	20.4	ND		176	53.8	ND		21.3	6.54	ND		5.32	1.64	ND		3.55	1.09	ND		40.4	12.4
Dichlorodifluoromethane	1.94		0.989	0.288	1.98		1.77	0.514	ND		38.6	11.3	ND		102	29.7	ND		12.4	3.6	ND		3.09	0.900	2.57		2.06	0.598	ND		23.4	6.82
Ethanol	ND		9.42	1.38	ND		16.8	2.47	ND		367	53.9	ND		969	142	ND		118	17.3	ND		29.4	4.31	ND		19.6	2.88	ND		224	32.8
Ethyl Acetate	ND		1.80	0.440	ND		3.22	0.786	ND		70.3	17.2	ND		185	45.4	ND		22.5	5.48	ND		5.62	1.37	ND		3.75	0.915	ND		42.9	10.4
Ethylbenzene	ND		0.869	0.188	3.93		1.55	0.335	ND		33.9	7.34	ND		89.5	19.3	ND		10.9	2.35	ND		2.71	0.586	222		1.81	0.391	43.3		20.6	4.43
Hexachlorobutadiene	ND		2.13	0.564	ND		3.81	1.01	ND		83.3	22.1	ND		220	58	ND		26.7	7.05	ND		6.67	1.76	ND		4.45	1.17	ND		50.6	13.3
Isopropanol	ND		1.23	1.17	ND		2.20	2.10	ND		47.9	46	ND		126	121	ND		15.4	14.7	ND		3.83	3.66	ND		2.56	2.45	ND		29.3	27.8
m,p-Xylene	ND		1.74	0.395	14.6		3.10	0.704	ND		67.8	15.4	ND		179	40.7	ND		21.7	4.95	ND		5.43	1.23	673		3.62	0.825	176		41.2	9.38
Methyl Ethyl Ketone (2-Butanone)	ND		1.47	0.142	ND		2.63	0.254	ND		57.5	5.54	ND		152	14.6	ND		18.4	1.78	ND		4.60	0.445	6.75		3.07	0.295	ND		35.1	3.36
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ND		2.05	0.173	ND		3.66	0.308	ND		79.9	6.72	ND		211	17.7	ND		25.6	2.16	ND		6.39	0.541	ND		4.26	0.359	ND		48.8	4.09
Methyl Methacrylate	ND		2.05	0.285	ND		3.66	0.508	ND		79.9	11.1	-		-	-	ND		25.6	3.57	ND		6.39	0.893	ND		4.26	0.594	ND		48.7	6.76
Methylene Chloride	1.85		1.74	0.466	ND		3.10	0.830	ND		67.7	18.2	ND		179	47.9	ND		21.7	5.84	ND		5.42	1.46	ND		3.61	0.969	ND		41.3	11.0
Naphthalene	ND		1.05	0.464	ND		1.87	0.828	ND		41	18.1	-		-	-	ND		13.1	5.82	ND		3.28	1.45	ND		2.19	0.965	ND		24.9	11.0
N-Heptane	-		-	-	-		-	-	-		-	-	ND		84.4	19.8	ND		10.2	2.41	ND		2.56	0.602	229		1.71	0.401	ND		19.4	4.55
N-Hexane	ND		0.705	0.128	ND		1.26	0.229	ND		27.5	5	ND		72.6	13.2	ND		8.81	1.6	ND		2.20	0.402	ND		1.47	0.267	ND		16.7	3.04
o-Xylene (1,2-Dimethylbenzene)	ND		0.869	0.197	4.20		1.55	0.351	ND		33.9	7.69	ND		89.5	20.2	ND		10.9	2.46	ND		2.71	0.617	165		1.81	0.410	54.7		20.6	4.65
Propylene	0.960		0.861	0.103	ND		1.54	0.184	39.8		33.6	4.03	-		-	-	ND		10.8	1.29	6.64		2.68	0.322	ND		1.79	0.215	ND		20.5	2.44
Styrene	ND		0.852	0.185	ND		1.52	0.330	ND		33.3	7.24	ND		87.7	19	ND		10.6	2.31	ND		2.66	0.579	ND		1.78	0.385	ND		20.2	4.39
Tert-Butyl Alcohol	-		-	-	-		-	-	-		-	-	ND		156	14.6	ND		18.9	1.76	ND		4.73	0.443	5.24		3.15	0.294	ND		36.1	3.33
Tert-Butyl Methyl Ether	ND		0.721	0.189	ND		1.29	0.338	ND		28.2	7.39	ND		74.3	19.5	ND		9.01	2.37	ND		2.25	0.591	ND		1.50	0.393	ND		17.1	4.47
Tetrachloroethylene (PCE)	7.05		1.36	0.444	4.35		2.42	0.793	149		53	17.4	302		140	45.7	109		17	5.55	34.7		4.24	1.39	14.2		2.83	0.922	191		32.1	10.5
Tetrahydrofuran	ND		1.47	0.168	ND		2.63	0.298	ND		57.5	6.55	ND		152	17.2	ND		18.4	2.09	ND		4.60	0.525	ND		3.07	0.348	ND		35.1	3.98
Toluene	1.22		0.754	0.196	ND		1.35	0.350	ND		29.4	7.65	ND		77.6	20.2	ND		9.42	2.45	ND		2.36	0.610	2.91		1.57	0.407	ND		17.9	4.64
Trans-1,2-Dichloroethene	2.36		0.793	0.255	17.0		1.42	0.456	74.9		31	9.95	83.3		81.7	26.2	33		9.91	3.19	5.39		2.48	0.797	3.35		1.65	0.531	79.7		18.8	6.03
Trans-1,3-Dichloropropene	ND		0.908	0.198	ND		1.62	0.354	ND		35.5	7.72	ND		93.5	20.4	ND		11.3	2.47	ND		2.84	0.617	ND		1.89	0.412	ND		21.5	4.68
Trichloroethylene (TCE)	456		1.07	0.271	645		1.92	0.485	15400		42	10.6	27500		111	27.9	5050		13.4	3.39	1210		3.36	0.849	892		2.24	0.564	12100		25.5	6.45
Trichlorofluoromethane	2.56		1.12	0.386	2.36		2.01	0.686	61.8		43.9	15.1	ND		116	39.7	38.7		14	4.82	8.26		3.51	1.20	7.92		2.34	0.804	134		26.6	9.16
Vinyl Acetate	ND		3.52	0.169	ND		6.30	0.301	ND		138	6.58	-		-	-	ND		44	2.11	ND		11.0	0.528	ND		7.32	0.351	ND		83.4	4.01
Vinyl Bromide	ND		0.874	0.313	ND		1.56	0.560	ND		34.1	12.2	ND		90.1	32.3	ND		10.9	3.92	ND		2.73	0.979	ND		1.82	0.651	ND		20.7	7.43
Vinyl Chloride	2.41		0.511	0.160	ND		0.913	0.286	51.4		20	6.26	62.4		52.7	16.5	19.9		6.39	2	9.74		1.60	0.501	2.76		1.07	0.335	58.8		12.1	3.81

NOTES:
Concentrations measured in micrograms per cubic meter

J - Data indicates the presence of a compound that meets the identification criteria, the result is less than the quanitfication

ND - Non-detectable

Table 4 Soil Vapor Sampling Results
Standard Motor Products, Inc.
Long Island, Queens, New York

SAMPLING EVENT:	QUARTER 8			QUARTER 9			QUARTER 10			QUARTER 11			QUARTER 11			QUARTER 12			QUARTER 12		
SAMPLE LOCATION	SG-8			SG-8			SG-8			SG-8			SG-8 DUP			SG-8			SG-8 DUP		
LAB ID:	L2266971-08			L2306777-03			L2327533-02			L2348799-03			L2348799-09			L2367850-02			L2367850-09		
COLLECTION DATE:	11/29/2022			02/07/2023			05/17/2023			08/22/2023			08/22/2023			11/14/2023			11/14/2023		
	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS IN AIR																								
1,1,1-Trichloroethane	321		1.09	0.273	1160		5.46	1.68	3440		49.3	15.2	14500		178	54.6	10400		125	38.6	1090		15.9	4.87	1060		3.41	1.05
1,1,2,2-Tetrachloroethane	ND		1.37	0.422	ND		6.87	1.79	ND		62.1	16.1	ND		225	58.4	ND		158	41.1	ND		20.0	5.19	ND		4.29	1.11
1,1,2-Trichloro-1,2,2-Trifluoroethane	14.5		1.53	0.503	36.2		7.66	1.94	199		69.3	17.6	ND		251	63.4	ND		176	44.7	ND		22.3	5.63	ND		4.79	1.21
1,1,2-Trichloroethane	ND		1.09	0.366	ND		5.46	1.59	ND		49.3	14.3	ND		178	51.9	ND		125	36.6	ND		15.9	4.62	ND		3.41	0.993
1,1-Dichloroethane	81.4		0.809	0.254	429		4.05	1.15	4570		36.6	10.4	2440		132	37.6	1720		93.1	26.5	222		11.8	3.34	213		2.53	0.720
1,1-Dichloroethene	ND		0.793	0.255	5.95		3.96	1.13	50.0		35.8	10.2	160		130	36.8	114		91.2	25.9	21.6		11.5	3.27	19.7		2.48	0.706
1,2,4-Trichlorobenzene	ND		1.48	0.500	ND		7.42	3.71	ND		67.1	33.6	ND		243	121	ND		171	85.4	ND		21.6	10.8	ND		4.64	2.32
1,2,4-Trimethylbenzene	ND		0.983	0.181	ND		4.92	1.42	ND		44.4	12.8	ND		161	46.4	ND		113	32.7	ND		14.3	4.12	ND		3.07	0.885
1,2-Dibromoethane (Ethylene Dibromide)	ND		1.54	0.431	ND		7.69	2.09	ND		69.5	18.9	ND		251	68.3	ND		177	48.2	ND		22.4	6.07	ND		4.80	1.31
1,2-Dichlorobenzene	ND		1.20	0.378	ND		6.01	1.86	ND		54.4	16.8	ND		197	60.7	ND		138	42.9	ND		17.5	5.41	ND		3.76	1.16
1,2-Dichloroethane	ND		0.809	0.244	ND		4.05	1.59	ND		36.6	14.4	ND		132	51.8	ND		93.1	36.7	ND		11.8	4.61	ND		2.53	0.996
1,2-Dichloropropane	ND		0.924	0.282	ND		4.62	1.46	ND		41.8	13.2	ND		151	47.6	ND		106	33.6	ND		13.4	4.24	ND		2.89	0.910
1,2-Dichlorotetrafluoroethane	ND		1.40	0.413	ND		6.99	1.76	ND		63.2	15.9	ND		229	57.6	ND		161	40.6	ND		20.3	5.12	ND		4.37	1.10
1,3,5-Trimethylbenzene (Mesitylene)	ND		0.983	0.332	ND		4.92	1.47	ND		44.4	13.3	ND		161	48.2	ND		113	34.0	ND		14.3	4.29	ND		3.07	0.924
1,3-Butadiene	ND		0.442	0.148	ND		2.21	0.686	ND		20.0	6.19	ND		72.3	22.3	ND		50.9	15.8	ND		6.44	1.99	ND		1.38	0.427
1,3-Dichlorobenzene	ND		1.20	0.377	ND		6.01	2.33	ND		54.4	21.1	ND		197	76.4	ND		138	53.8	ND		17.5	6.79	ND		3.76	1.46
1,4-Dichlorobenzene	ND		1.20	0.382	ND		6.01	2.48	ND		54.4	22.4	ND		197	81.2	ND		138	57.2	ND		17.5	7.21	ND		3.76	1.55
1,4-Dioxane	ND		0.721	0.290	ND		3.60	0.969	ND		32.6	8.76	ND		118	31.7	ND		82.9	22.3	ND		10.5	2.82	ND		2.25	0.605
2,2,4-Trimethylpentane	ND		0.934	0.169	ND		4.67	1.62	ND		42.2	14.6	ND		153	52.8	ND		107	37.2	ND		13.6	4.67	ND		2.92	1.01
2-Hexanone	ND		0.820	0.266	ND		4.10	1.87	ND		37.0	16.9	ND		134	61.1	ND		94.3	43.0	ND		11.9	5.41	ND		2.56	1.17
4-Ethyltoluene	ND		0.983	0.182	ND		4.92	1.36	ND		44.4	12.3	ND		161	44.5	ND		113	31.4	ND		14.3	3.96	ND		3.07	0.850
Acetone	81.2		2.38	1.64	ND		11.9	6.13	ND		107	55.3	ND		387	200	ND		273	141	ND		34.4	17.8	ND		7.41	3.82
Allyl Chloride (3-Chloropropene)	ND		0.626	0.183	ND		3.13	1.35	ND		28.3	12.2	ND		102	43.8	ND		72.0	31.0	ND		9.11	3.91	ND		1.96	0.842
Benzene	0.770		0.639	0.156	ND		3.19	1.03	ND		28.9	9.30	ND		104	33.5	ND		73.5	23.7	ND		9.30	2.98	ND		2.00	0.642
Benzyl Chloride	ND		1.04	0.250	ND		5.18	2.43	ND		46.8	22.0	ND		169	79.2	ND		119	55.9	ND		15.1	7.04	ND		3.24	1.52
Bromodichloromethane	ND		1.34	0.338	ND		6.70	2.30	ND		60.6	20.8	ND		219	75.0	ND		154	53.2	ND		19.5	6.70	ND		4.19	1.44
Bromoform	ND		2.07	0.663	ND		10.3	3.08	ND		93.5	27.8	ND		338	101	ND		238	70.9	ND		30.1	8.95	ND		6.46	1.92
Bromomethane	ND		0.777	0.300	ND		3.88	1.06	ND		35.1	9.59	ND		127	34.7	ND		89.3	24.5	ND		11.3	3.09	ND		2.43	0.664
Carbon Disulfide	ND		0.623	0.174	ND		3.11	0.722	ND		28.2	6.54	ND		102	23.7	ND		71.6	16.7	ND		9.06	2.11	ND		1.95	0.452
Carbon Tetrachloride	ND		1.26	0.314	ND		6.29	2.16	ND		56.9	19.5	ND		206	70.5	ND		145	49.7	ND		18.3	6.27	ND		3.93	1.35
Chlorobenzene	ND		0.921	0.287	ND		4.61	1.19	ND		41.6	10.7	ND		151	38.8	ND		106	27.4	ND		13.4	3.45	ND		2.88	0.741
Chloroethane	ND		0.528	0.212	ND		2.64	0.855	ND		23.9	7.73	ND		86.3	28.0	ND		60.7	19.7	ND		7.68	2.49	ND		1.65	0.536
Chloroform	ND		0.977	0.309	ND		4.88	1.35	ND		44.1	12.2	ND		160	44.0	ND		112	31.1	ND		14.2	3.92	4.23		3.05	0.840
Chloromethane	0.931		0.413	0.142	ND		2.07	0.595	ND		18.7	5.37	ND		67.5	19.4	ND		47.5	13.7	ND		6.01	1.73	ND		1.29	0.372
Cis-1,2-Dichloroethylene	27.0		0.793	0.464	167		3.96	1.18	952		35.8	10.7	1700		130	38.5	1300		91.2	27.2	121		11.5	3.43	126		2.48	0.737
Cis-1,3-Dichloropropene	ND		0.908	0.186	ND		4.54	1.53	ND		41.0	13.8	ND		148	49.9	ND		104	35.2	ND		13.2	4.44	ND		2.84	0.958
Cyclohexane	4.30		0.688	0.127	ND		3.44	1.25	ND		31.1	11.3	ND		113	41.0	ND		79.2	28.9	ND		10.0	3.65	ND		2.15	0.785
Dibromochloromethane	ND		1.70	0.523	ND		8.52	2.41	ND		77.0	21.8	ND		279	78.8	ND		196	55.5	ND		24.8	7.00	ND		5.32	1.51
Dichlorodifluoromethane	2.46		0.989	0.288	ND		4.94	1.87	ND		44.7	16.9	ND		162	61.3	ND		114	43.1	ND		14.4	5.44	ND		3.09	1.17
Ethanol	14.9		9.42	1.38	ND		47.1	16.4	ND		426	148	ND		1540	535	ND		1090	377	ND		137	47.7	ND		29.4	10.3
Ethyl Acetate	ND		1.80	0.440	ND		9.01	5.33	ND		81.4	48.3	ND		294	175	ND		208	123	ND		26.2	15.6	ND		5.62	3.34
Ethylbenzene	ND		0.869	0.188	ND		4.34	1.25	ND		39.3	11.3	ND		142	40.8	ND		99.9	28.8	ND		12.6	3.63	ND		2.71	0.782
Hexachlorobutadiene	ND		2.13	0.564	ND		10.7	3.24	ND		96.4	29.2	ND		349	106	ND		245	74.6	ND		31.0	9.41	ND		6.67	2.03
Isopropanol	4.77		1.23	1.17	ND		6.15	3.34	ND		55.6	30.2	ND		201	109	ND		142	76.9	ND		17.8	9.71	ND		3.83	2.09
m,p-Xylene	ND		1.74	0.395	ND		8.69	2.71	ND		78.6	24.5	ND		284	88.6	ND		200	62.5	ND		25.2	7.91	ND		5.43	1.70
Methyl Ethyl Ketone (2-Butanone)	3.30		1.47	0.142	ND		7.37	1.46	ND		66.7	13.2	ND		241	47.8	ND		170	33.6	ND		21.4	4.25	ND		4.60	0.911
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ND		2.05	0.173	ND		10.2	3.89	ND		92.6	35.2	ND		335	127	ND		236	89.7	ND		29.8	11.3	ND		6.39	2.43
Methyl Methacrylate	ND		2.05	0.285	ND		10.2	4.63	ND		92.5	41.8	ND		335	151	ND		236	106	-		-	-	-		-	-
Methylene Chloride	ND		1.74	0.466	ND		8.69	2.17	ND		78.5	19.6	ND		284	70.9	ND		200	50.0	ND		25.2	6.32	ND		5.42	1.36
Naphthalene	ND		1.05	0.464	ND		5.24	2.04	ND		47.4	18.5	ND		171	66.6	ND		121	47.1	-		-	-	-		-	-
N-Heptane	5.82		0.820	0.193	ND		4.10	1.70	ND		37.0	15.3	ND		134	55.3	ND		94.3	39.1	ND		11.9	4.92	ND		2.56	1.06
N-Hexane	19.6		0.705	0.128	ND		3.52	1.31	ND		31.9	11.8	ND		115	42.6	ND		81.1	30.2	ND		10.3	3.81	ND		2.20	0.818
o-Xylene (1,2-Dimethylbenzene)	ND		0.869	0.197	ND		4.34	1.35	ND		39.3	12.2	ND		142	43.9	ND		99.9	31.1	ND		12.6	3.92	ND		2.71	0.843
Propylene	0.983		0.861	0.103	5.89		4.30	1.16	ND		38.9	10.5	ND		141	37.9	ND		99.1	26.8	-		-	-	-		-	-
Styrene	ND		0.852	0.185	ND		4.26	1.27	ND		38.5	11.5	ND		139	41.5	ND		97.9	29.2	ND		12.4	3.69	ND		2.66	0.792
Tert-Butyl Alcohol	ND		1.52	0.141	ND		7.58	2.00	ND		68.5	18.1	ND		248	65.5	ND		175	46.1	ND		22.0	5.82	ND		4.73	1.25
Tert-Butyl Methyl Ether	ND		0.721	0.189	ND		3.61	0.811	ND		32.6	7.32	ND		118	26.5	ND		82.9	18.7	ND		10.5	2.36	ND		2.25	0.508
Tetrachloroethylene (PCE)	7.59		1.36	0.444	49.2		6.78	2.13	246		61.3	19.2	285		222	69.2	209		156	49.0	ND		19.7	6.18	15.3		4.24	1.33
Tetrahydrofuran	ND		1.47	0.168	ND		7.37	1.73	ND		66.7	15.6	ND		241	56.3	ND		170	39.8	ND		21.4	5.01	ND		4.60	1.08
Toluene	65.6		0.754	0.196	ND		3.77	1.64	ND		34.1	14.8	ND		123	53.5	ND		86.7	37.6	ND		11.0	4.75	ND		2.36	1.02
Trans-1,2-Dichloroethene	2.49		0.793	0.255	10.4		3.96	1.50	101		35.8	13.5	ND		130	48.8	ND		91.2	34.5	ND		11.5	4.36	4.60		2.48	0.936
Trans-1,3-Dichloropropene	ND		0.908	0.198	ND		4.54	1.78	ND		41.0	16.1	ND		148	58.1	ND		104	40.9	ND		13.2	5.18	ND		2.84	1.11
Trichloroethylene (TCE)	344		1.07	0.271	1920		5.37	1.47	12500		48.6	13.3	69300		176	48.1	51900		124	33.9	4690		15.6	4.28	4260		13.4	3.68
Trichlorofluoromethane	6.35		1.12	0.386	11.5		5.62	2.21	56.8		50.8	20.0	ND		184	71.9	ND		129	51.0	ND		16.4	6.41	4.41		3.51	1.38
Vinyl Acetate	ND		3.52	0.169	ND		17.6	5.70	ND		159	51.4	ND		574	186	ND		405	131	-		-	-	-		-	-
Vinyl Bromide	ND		0.874	0.313	ND		4.37	1.58	ND		39.5	14.3	ND		143	51.6	ND		101	36.4	ND		12.7	4.59	ND		2.73	0.988
Vinyl Chloride	1.20		0.511	0.160	161		2.56	0.744	450		23.1	6.72	ND		83.6	24.3	ND		58.8	17.1	ND		7.44	2.16	ND		1.60	0.465

NOTES:
Concentrations measured in micrograms per cubic meter

J - Data indicates the presence of a compound that meets the identification criteria, the result is less than the quanitfication

ND - Non-detectable

Table 4 - Soil Vapor Analytical Results
Standard Motor Products, Inc.
Long Island City, Queens, New York
NYSDEC BCP Site No. 241016

SAMPLE LOCATION:		SG-01				SG-01 (DUP)				SG-01				SG-01 (DUP)				SG-01			
LAB ID:		L2408841-01				L2408841-09				L2425675-01				L2425675-09				L2449467-01			
COLLECTION DATE:		2/16/2024				2/16/2024				5/8/2024				5/8/2024				8/28/2024			
SAMPLE MATRIX:		SOIL_VAPOR				SOIL_VAPOR				SOIL_VAPOR				SOIL_VAPOR				SOIL_VAPOR			
ANALYTE	**CAS**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
VOLATILE ORGANICS IN AIR																					
1,1,1-Trichloroethane	71-55-6	ND		1.09	-	ND		1.09	-	7.53		1.09	-	7.75		1.09	-	4.29		1.09	-
1,1,2,2-Tetrachloroethane	79-34-5	ND		1.37	-	ND		1.37	-	ND		1.37	-	ND		1.37	-	ND		1.37	-
1,1,2-Trichloroethane	79-00-5	ND		1.09	-	ND		1.09	-	ND		1.09	-	ND		1.09	-	ND		1.09	-
1,1-Dichloroethane	75-34-3	ND		0.809	-	ND		0.809	-	2.61		0.809	-	2.6		0.809	-	1.58		0.809	-
1,1-Dichloroethene	75-35-4	ND		0.793	-	ND		0.793	-	ND		0.793	-	ND		0.793	-	ND		0.793	-
1,2,4-Trichlorobenzene	120-82-1	ND		1.48	-	ND		1.48	-	ND		1.48	-	ND		1.48	-	ND		1.48	-
1,2,4-Trimethylbenzene	95-63-6	1.32		0.983	-	1.06		0.983	-	2.64		0.983	-	ND		0.983	-	ND		0.983	-
1,2-Dibromoethane	106-93-4	ND		1.54	-	ND		1.54	-	ND		1.54	-	ND		1.54	-	ND		1.54	-
1,2-Dichlorobenzene	95-50-1	ND		1.2	-	ND		1.2	-	ND		1.2	-	ND		1.2	-	ND		1.2	-
1,2-Dichloroethane	107-06-2	ND		0.809	-	ND		0.809	-	ND		0.809	-	ND		0.809	-	ND		0.809	-
1,2-Dichloropropane	78-87-5	ND		0.924	-	ND		0.924	-	ND		0.924	-	ND		0.924	-	ND		0.924	-
1,3,5-Trimethylbenzene	108-67-8	ND		0.983	-	ND		0.983	-	ND		0.983	-	ND		0.983	-	ND		0.983	-
1,3-Butadiene	106-99-0	ND		0.442	-	ND		0.442	-	ND		0.442	-	ND		0.442	-	ND		0.442	-
1,3-Dichlorobenzene	541-73-1	ND		1.2	-	1.96		1.2	-	2.77		1.2	-	1.22		1.2	-	ND		1.2	-
1,4-Dichlorobenzene	106-46-7	ND		1.2	-	ND		1.2	-	ND		1.2	-	ND		1.2	-	ND		1.2	-
1,4-Dioxane	123-91-1	ND		0.721	-	ND		0.721	-	ND		0.721	-	ND		0.721	-	ND		0.721	-
2,2,4-Trimethylpentane	540-84-1	ND		0.934	-	ND		0.934	-	ND		0.934	-	1.26		0.934	-	1.16		0.934	-
2-Butanone	78-93-3	ND		1.47	-	ND		1.47	-	3.75		1.47	-	2.18		1.47	-	ND		1.47	-
2-Hexanone	591-78-6	ND		0.82	-	ND		0.82	-	ND		0.82	-	ND		0.82	-	ND		0.82	-
3-Chloropropene	107-05-1	ND		0.626	-	ND		0.626	-	ND		0.626	-	ND		0.626	-	ND		0.626	-
4-Ethyltoluene	622-96-8	ND		0.983	-	ND		0.983	-	ND		0.983	-	ND		0.983	-	ND		0.983	-
4-Methyl-2-pentanone	108-10-1	ND		2.05	-	ND		2.05	-	ND		2.05	-	ND		2.05	-	ND		2.05	-
Acetone	67-64-1	6.27		2.38	-	12.9		2.38	-	40.9		2.38	-	18.6		2.38	-	7.41		2.38	-
Benzene	71-43-2	ND		0.639	-	ND		0.639	-	2.29		0.639	-	ND		0.639	-	ND		0.639	-
Benzyl chloride	100-44-7	ND		1.04	-	ND		1.04	-	ND		1.04	-	ND		1.04	-	ND		1.04	-
Bromodichloromethane	75-27-4	ND		1.34	-	ND		1.34	-	ND		1.34	-	ND		1.34	-	ND		1.34	-
Bromoform	75-25-2	ND		2.07	-	ND		2.07	-	ND		2.07	-	ND		2.07	-	ND		2.07	-
Bromomethane	74-83-9	ND		0.777	-	ND		0.777	-	ND		0.777	-	ND		0.777	-	ND		0.777	-
Carbon disulfide	75-15-0	ND		0.623	-	ND		0.623	-	0.903		0.623	-	0.747		0.623	-	ND		0.623	-
Carbon tetrachloride	56-23-5	ND		1.26	-	ND		1.26	-	ND		1.26	-	ND		1.26	-	ND		1.26	-
Chlorobenzene	108-90-7	ND		0.921	-	ND		0.921	-	ND		0.921	-	ND		0.921	-	ND		0.921	-
Chloroethane	75-00-3	ND		0.528	-	ND		0.528	-	1.86		0.528	-	1.79		0.528	-	ND		0.528	-
Chloroform	67-66-3	ND		0.977	-	ND		0.977	-	ND		0.977	-	ND		0.977	-	ND		0.977	-
Chloromethane	74-87-3	ND		0.413	-	ND		0.413	-	ND		0.413	-	0.502		0.413	-	ND		0.413	-
cis-1,2-Dichloroethene	156-59-2	ND		0.793	-	ND		0.793	-	1.69		0.793	-	1.78		0.793	-	1.91		0.793	-
cis-1,3-Dichloropropene	10061-01-5	ND		0.908	-	ND		0.908	-	ND		0.908	-	ND		0.908	-	ND		0.908	-
Cyclohexane	110-82-7	ND		0.688	-	ND		0.688	-	1.19		0.688	-	ND		0.688	-	ND		0.688	-
Dibromochloromethane	124-48-1	ND		1.7	-	ND		1.7	-	ND		1.7	-	ND		1.7	-	ND		1.7	-
Dichlorodifluoromethane	75-71-8	2.65		0.989	-	2.1		0.989	-	2.32		0.989	-	2.18		0.989	-	2.25		0.989	-
Ethanol	64-17-5	ND		9.42	-	ND		9.42	-	17.3		9.42	-	15.5		9.42	-	ND		9.42	-
Ethyl Acetate	141-78-6	ND		1.8	-	ND		1.8	-	ND		1.8	-	ND		1.8	-	ND		1.8	-
Ethylbenzene	100-41-4	ND		0.869	-	ND		0.869	-	1.36		0.869	-	ND		0.869	-	ND		0.869	-
Freon-113	76-13-1	ND		1.53	-	ND		1.53	-	ND		1.53	-	ND		1.53	-	ND		1.53	-
Freon-114	76-14-2	ND		1.4	-	ND		1.4	-	ND		1.4	-	ND		1.4	-	ND		1.4	-
Heptane	142-82-5	ND		0.82	-	ND		0.82	-	1.71		0.82	-	ND		0.82	-	ND		0.82	-
Hexachlorobutadiene	87-68-3	ND		2.13	-	ND		2.13	-	ND		2.13	-	ND		2.13	-	ND		2.13	-
Isopropanol	67-63-0	ND		1.23	-	ND		1.23	-	1.9		1.23	-	ND		1.23	-	ND		1.23	-
Methyl tert butyl ether	1634-04-4	ND		0.721	-	ND		0.721	-	ND		0.721	-	ND		0.721	-	ND		0.721	-
Methylene chloride	75-09-2	ND		1.74	-	ND		1.74	-	3.51		1.74	-	10.8		1.74	-	2.57		1.74	-
n-Hexane	110-54-3	ND		0.705	-	ND		0.705	-	1.29		0.705	-	ND		0.705	-	ND		0.705	-
Naphthalene	91-20-3	ND		1.05	-	ND		1.05	-	1.7		1.05	-	ND		1.05	-	ND		1.05	-
o-Xylene	95-47-6	ND		0.869	-	ND		0.869	-	2.09		0.869	-	ND		0.869	-	ND		0.869	-
p/m-Xylene	179601-23-1	ND		1.74	-	ND		1.74	-	5.52		1.74	-	1.97		1.74	-	ND		1.74	-
Styrene	100-42-5	ND		0.852	-	ND		0.852	-	ND		0.852	-	ND		0.852	-	ND		0.852	-
Tertiary butyl Alcohol	75-65-0	ND		1.52	-	3.06		1.52	-	5.31		1.52	-	4.03		1.52	-	ND		1.52	-
Tetrachloroethene	127-18-4	ND		1.36	-	ND		1.36	-	ND		1.36	-	ND		1.36	-	ND		1.36	-
Tetrahydrofuran	109-99-9	ND		1.47	-	ND		1.47	-	ND		1.47	-	ND		1.47	-	ND		1.47	-
Toluene	108-88-3	ND		0.754	-	ND		0.754	-	8.93		0.754	-	3.77		0.754	-	ND		0.754	-
trans-1,2-Dichloroethene	156-60-5	ND		0.793	-	ND		0.793	-	ND		0.793	-	ND		0.793	-	ND		0.793	-
trans-1,3-Dichloropropene	10061-02-6	ND		0.908	-	ND		0.908	-	ND		0.908	-	ND		0.908	-	ND		0.908	-
Trichloroethene	79-01-6	1.62		1.07	-	3		1.07	-	32.1		1.07	-	34.7		1.07	-	29.9		1.07	-
Trichlorofluoromethane	75-69-4	1.55		1.12	-	1.17		1.12	-	1.56		1.12	-	1.38		1.12	-	1.35		1.12	-
Vinyl bromide	593-60-2	ND		0.874	-	ND		0.874	-	ND		0.874	-	ND		0.874	-	ND		0.874	-
Vinyl chloride	75-01-4	ND		0.511	-	ND		0.511	-	ND		0.511	-	ND		0.511	-	ND		0.511	-
VOLATILE ORGANICS IN AIR BY SIM																					
1,3-Butadiene	106-99-0	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-

* Comparison is not performed on parameters with non-numeric criteria.

Table 4 - Soil Vapor Analytical Results
Standard Motor Products, Inc.
Long Island City, Queens, New York
NYSDEC BCP Site No. 241016

SAMPLE LOCATION:		SG-01 (DUP)				SG-01				SG-02				SG-02			
LAB ID:		L2449467-09				L2464558-08				L2408841-02				L2425675-02			
COLLECTION DATE:		8/28/2024				11/5/2024				2/16/2024				5/8/2024			
SAMPLE MATRIX:		SOIL_VAPOR				SOIL_VAPOR				SOIL_VAPOR				SOIL_VAPOR			
ANALYTE	**CAS**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
VOLATILE ORGANICS IN AIR																	
1,1,1-Trichloroethane	71-55-6	5.89		1.09	-	1.16		1.09	-	ND		1.09	-	ND		1.09	-
1,1,2,2-Tetrachloroethane	79-34-5	ND		1.37	-	ND		1.37	-	ND		1.37	-	ND		1.37	-
1,1,2-Trichloroethane	79-00-5	ND		1.09	-	ND		1.09	-	ND		1.09	-	ND		1.09	-
1,1-Dichloroethane	75-34-3	1.98		0.809	-	ND		0.809	-	ND		0.809	-	ND		0.809	-
1,1-Dichloroethene	75-35-4	ND		0.793	-	ND		0.793	-	ND		0.793	-	ND		0.793	-
1,2,4-Trichlorobenzene	120-82-1	ND		1.48	-	ND		1.48	-	ND		1.48	-	ND		1.48	-
1,2,4-Trimethylbenzene	95-63-6	ND		0.983	-	ND		0.983	-	1.79		0.983	-	ND		0.983	-
1,2-Dibromoethane	106-93-4	ND		1.54	-	ND		1.54	-	ND		1.54	-	ND		1.54	-
1,2-Dichlorobenzene	95-50-1	ND		1.2	-	ND		1.2	-	ND		1.2	-	ND		1.2	-
1,2-Dichloroethane	107-06-2	ND		0.809	-	ND		0.809	-	ND		0.809	-	ND		0.809	-
1,2-Dichloropropane	78-87-5	ND		0.924	-	ND		0.924	-	ND		0.924	-	ND		0.924	-
1,3,5-Trimethylbenzene	108-67-8	ND		0.983	-	ND		0.983	-	ND		0.983	-	ND		0.983	-
1,3-Butadiene	106-99-0	ND		0.442	-	-		-	-	ND		0.442	-	ND		0.442	-
1,3-Dichlorobenzene	541-73-1	ND		1.2	-	ND		1.2	-	1.48		1.2	-	1.74		1.2	-
1,4-Dichlorobenzene	106-46-7	ND		1.2	-	ND		1.2	-	ND		1.2	-	ND		1.2	-
1,4-Dioxane	123-91-1	ND		0.721	-	ND		0.721	-	ND		0.721	-	ND		0.721	-
2,2,4-Trimethylpentane	540-84-1	ND		0.934	-	ND		0.934	-	2.59		0.934	-	ND		0.934	-
2-Butanone	78-93-3	ND		1.47	-	ND		1.47	-	2.9		1.47	-	4.57		1.47	-
2-Hexanone	591-78-6	ND		0.82	-	ND		0.82	-	ND		0.82	-	ND		0.82	-
3-Chloropropene	107-05-1	ND		0.626	-	ND		0.626	-	ND		0.626	-	ND		0.626	-
4-Ethyltoluene	622-96-8	ND		0.983	-	ND		0.983	-	ND		0.983	-	ND		0.983	-
4-Methyl-2-pentanone	108-10-1	ND		2.05	-	ND		2.05	-	ND		2.05	-	ND		2.05	-
Acetone	67-64-1	7.29		2.38	-	7.7		2.38	-	13.2		2.38	-	31.4		2.38	-
Benzene	71-43-2	ND		0.639	-	ND		0.639	-	0.674		0.639	-	3.58		0.639	-
Benzyl chloride	100-44-7	ND		1.04	-	ND		1.04	-	ND		1.04	-	ND		1.04	-
Bromodichloromethane	75-27-4	ND		1.34	-	ND		1.34	-	ND		1.34	-	ND		1.34	-
Bromoform	75-25-2	ND		2.07	-	ND		2.07	-	ND		2.07	-	ND		2.07	-
Bromomethane	74-83-9	ND		0.777	-	ND		0.777	-	ND		0.777	-	ND		0.777	-
Carbon disulfide	75-15-0	0.906		0.623	-	ND		0.623	-	ND		0.623	-	3.74		0.623	-
Carbon tetrachloride	56-23-5	ND		1.26	-	ND		1.26	-	ND		1.26	-	ND		1.26	-
Chlorobenzene	108-90-7	ND		0.921	-	ND		0.921	-	ND		0.921	-	ND		0.921	-
Chloroethane	75-00-3	0.683		0.528	-	ND		0.528	-	ND		0.528	-	1.78		0.528	-
Chloroform	67-66-3	ND		0.977	-	ND		0.977	-	ND		0.977	-	ND		0.977	-
Chloromethane	74-87-3	ND		0.413	-	ND		0.413	-	0.739		0.413	-	1.33		0.413	-
cis-1,2-Dichloroethene	156-59-2	2.04		0.793	-	ND		0.793	-	ND		0.793	-	ND		0.793	-
cis-1,3-Dichloropropene	10061-01-5	ND		0.908	-	ND		0.908	-	ND		0.908	-	ND		0.908	-
Cyclohexane	110-82-7	ND		0.688	-	ND		0.688	-	ND		0.688	-	ND		0.688	-
Dibromochloromethane	124-48-1	ND		1.7	-	ND		1.7	-	ND		1.7	-	ND		1.7	-
Dichlorodifluoromethane	75-71-8	2.41		0.989	-	2.22		0.989	-	2.56		0.989	-	2.32		0.989	-
Ethanol	64-17-5	ND		9.42	-	ND		9.42	-	ND		9.42	-	17.2		9.42	-
Ethyl Acetate	141-78-6	ND		1.8	-	ND		1.8	-	ND		1.8	-	ND		1.8	-
Ethylbenzene	100-41-4	ND		0.869	-	ND		0.869	-	ND		0.869	-	ND		0.869	-
Freon-113	76-13-1	ND		1.53	-	ND		1.53	-	ND		1.53	-	ND		1.53	-
Freon-114	76-14-2	ND		1.4	-	ND		1.4	-	ND		1.4	-	ND		1.4	-
Heptane	142-82-5	ND		0.82	-	ND		0.82	-	ND		0.82	-	ND		0.82	-
Hexachlorobutadiene	87-68-3	ND		2.13	-	ND		2.13	-	ND		2.13	-	ND		2.13	-
Isopropanol	67-63-0	ND		1.23	-	ND		1.23	-	2.2		1.23	-	1.52		1.23	-
Methyl tert butyl ether	1634-04-4	ND		0.721	-	ND		0.721	-	ND		0.721	-	ND		0.721	-
Methylene chloride	75-09-2	ND		1.74	-	ND		1.74	-	2.08		1.74	-	8.41		1.74	-
n-Hexane	110-54-3	ND		0.705	-	ND		0.705	-	0.804		0.705	-	ND		0.705	-
Naphthalene	91-20-3	ND		1.05	-	ND		1.05	-	ND		1.05	-	2.81		1.05	-
o-Xylene	95-47-6	ND		0.869	-	ND		0.869	-	ND		0.869	-	ND		0.869	-
p/m-Xylene	179601-23-1	ND		1.74	-	ND		1.74	-	ND		1.74	-	ND		1.74	-
Styrene	100-42-5	ND		0.852	-	ND		0.852	-	ND		0.852	-	ND		0.852	-
Tertiary butyl Alcohol	75-65-0	ND		1.52	-	ND		1.52	-	5.43		1.52	-	3.82		1.52	-
Tetrachloroethene	127-18-4	1.5		1.36	-	ND		1.36	-	ND		1.36	-	ND		1.36	-
Tetrahydrofuran	109-99-9	ND		1.47	-	ND		1.47	-	ND		1.47	-	ND		1.47	-
Toluene	108-88-3	1.18		0.754	-	ND		0.754	-	1.9		0.754	-	2.21		0.754	-
trans-1,2-Dichloroethene	156-60-5	ND		0.793	-	ND		0.793	-	ND		0.793	-	ND		0.793	-
trans-1,3-Dichloropropene	10061-02-6	ND		0.908	-	ND		0.908	-	ND		0.908	-	ND		0.908	-
Trichloroethene	79-01-6	37.6		1.07	-	6.07		1.07	-	ND		1.07	-	1.32		1.07	-
Trichlorofluoromethane	75-69-4	1.26		1.12	-	ND		1.12	-	1.46		1.12	-	1.33		1.12	-
Vinyl bromide	593-60-2	ND		0.874	-	ND		0.874	-	ND		0.874	-	ND		0.874	-
Vinyl chloride	75-01-4	ND		0.511	-	ND		0.511	-	ND		0.511	-	ND		0.511	-
VOLATILE ORGANICS IN AIR BY SIM																	
1,3-Butadiene	106-99-0	-		-	-	ND		0.044	-	-		-	-	-		-	-

* Comparison is not performed on parameters with non-numeric criteria.

Table 4 - Soil Vapor Analytical Results
Standard Motor Products, Inc.
Long Island City, Queens, New York
NYSDEC BCP Site No. 241016

SAMPLE LOCATION:		SG-02				SG-02				SG-03			
LAB ID:		L2449467-02				L2464558-07				L2408841-03			
COLLECTION DATE:		8/28/2024				11/5/2024				2/16/2024			
SAMPLE MATRIX:		SOIL_VAPOR				SOIL_VAPOR				SOIL_VAPOR			
ANALYTE	**CAS**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
VOLATILE ORGANICS IN AIR													
1,1,1-Trichloroethane	71-55-6	1.19		1.09	-	6.11		1.09	-	6.82		1.09	-
1,1,2,2-Tetrachloroethane	79-34-5	ND		1.37	-	ND		1.37	-	ND		1.37	-
1,1,2-Trichloroethane	79-00-5	ND		1.09	-	ND		1.09	-	ND		1.09	-
1,1-Dichloroethane	75-34-3	ND		0.809	-	1.81		0.809	-	7.12		0.809	-
1,1-Dichloroethene	75-35-4	ND		0.793	-	ND		0.793	-	ND		0.793	-
1,2,4-Trichlorobenzene	120-82-1	ND		1.48	-	ND		1.48	-	ND		1.48	-
1,2,4-Trimethylbenzene	95-63-6	ND		0.983	-	ND		0.983	-	1.47		0.983	-
1,2-Dibromoethane	106-93-4	ND		1.54	-	ND		1.54	-	ND		1.54	-
1,2-Dichlorobenzene	95-50-1	ND		1.2	-	ND		1.2	-	ND		1.2	-
1,2-Dichloroethane	107-06-2	ND		0.809	-	ND		0.809	-	ND		0.809	-
1,2-Dichloropropane	78-87-5	ND		0.924	-	ND		0.924	-	ND		0.924	-
1,3,5-Trimethylbenzene	108-67-8	ND		0.983	-	ND		0.983	-	ND		0.983	-
1,3-Butadiene	106-99-0	ND		0.442	-	-		-	-	ND		0.442	-
1,3-Dichlorobenzene	541-73-1	ND		1.2	-	ND		1.2	-	ND		1.2	-
1,4-Dichlorobenzene	106-46-7	ND		1.2	-	ND		1.2	-	ND		1.2	-
1,4-Dioxane	123-91-1	ND		0.721	-	ND		0.721	-	ND		0.721	-
2,2,4-Trimethylpentane	540-84-1	ND		0.934	-	ND		0.934	-	ND		0.934	-
2-Butanone	78-93-3	2.17		1.47	-	1.7		1.47	-	ND		1.47	-
2-Hexanone	591-78-6	ND		0.82	-	ND		0.82	-	ND		0.82	-
3-Chloropropene	107-05-1	ND		0.626	-	ND		0.626	-	ND		0.626	-
4-Ethyltoluene	622-96-8	ND		0.983	-	ND		0.983	-	ND		0.983	-
4-Methyl-2-pentanone	108-10-1	ND		2.05	-	ND		2.05	-	ND		2.05	-
Acetone	67-64-1	11.4		2.38	-	12		2.38	-	13.8		2.38	-
Benzene	71-43-2	0.837		0.639	-	ND		0.639	-	ND		0.639	-
Benzyl chloride	100-44-7	ND		1.04	-	ND		1.04	-	ND		1.04	-
Bromodichloromethane	75-27-4	ND		1.34	-	ND		1.34	-	ND		1.34	-
Bromoform	75-25-2	ND		2.07	-	ND		2.07	-	ND		2.07	-
Bromomethane	74-83-9	ND		0.777	-	ND		0.777	-	ND		0.777	-
Carbon disulfide	75-15-0	ND		0.623	-	ND		0.623	-	ND		0.623	-
Carbon tetrachloride	56-23-5	ND		1.26	-	ND		1.26	-	ND		1.26	-
Chlorobenzene	108-90-7	ND		0.921	-	ND		0.921	-	ND		0.921	-
Chloroethane	75-00-3	0.697		0.528	-	ND		0.528	-	ND		0.528	-
Chloroform	67-66-3	ND		0.977	-	ND		0.977	-	ND		0.977	-
Chloromethane	74-87-3	1.23		0.413	-	0.702		0.413	-	0.727		0.413	-
cis-1,2-Dichloroethene	156-59-2	ND		0.793	-	ND		0.793	-	2.51		0.793	-
cis-1,3-Dichloropropene	10061-01-5	ND		0.908	-	ND		0.908	-	ND		0.908	-
Cyclohexane	110-82-7	ND		0.688	-	ND		0.688	-	ND		0.688	-
Dibromochloromethane	124-48-1	ND		1.7	-	ND		1.7	-	ND		1.7	-
Dichlorodifluoromethane	75-71-8	2.49		0.989	-	2.16		0.989	-	2.63		0.989	-
Ethanol	64-17-5	ND		9.42	-	ND		9.42	-	ND		9.42	-
Ethyl Acetate	141-78-6	ND		1.8	-	ND		1.8	-	ND		1.8	-
Ethylbenzene	100-41-4	ND		0.869	-	ND		0.869	-	ND		0.869	-
Freon-113	76-13-1	ND		1.53	-	1.63		1.53	-	ND		1.53	-
Freon-114	76-14-2	ND		1.4	-	ND		1.4	-	ND		1.4	-
Heptane	142-82-5	ND		0.82	-	ND		0.82	-	ND		0.82	-
Hexachlorobutadiene	87-68-3	ND		2.13	-	ND		2.13	-	ND		2.13	-
Isopropanol	67-63-0	ND		1.23	-	3.29		1.23	-	5.36		1.23	-
Methyl tert butyl ether	1634-04-4	ND		0.721	-	ND		0.721	-	ND		0.721	-
Methylene chloride	75-09-2	ND		1.74	-	ND		1.74	-	ND		1.74	-
n-Hexane	110-54-3	2.14		0.705	-	ND		0.705	-	ND		0.705	-
Naphthalene	91-20-3	ND		1.05	-	ND		1.05	-	ND		1.05	-
o-Xylene	95-47-6	ND		0.869	-	ND		0.869	-	ND		0.869	-
p/m-Xylene	179601-23-1	ND		1.74	-	ND		1.74	-	ND		1.74	-
Styrene	100-42-5	ND		0.852	-	ND		0.852	-	ND		0.852	-
Tertiary butyl Alcohol	75-65-0	ND		1.52	-	ND		1.52	-	1.63		1.52	-
Tetrachloroethene	127-18-4	ND		1.36	-	ND		1.36	-	ND		1.36	-
Tetrahydrofuran	109-99-9	ND		1.47	-	ND		1.47	-	1.83		1.47	-
Toluene	108-88-3	4.71		0.754	-	1.19		0.754	-	2.59		0.754	-
trans-1,2-Dichloroethene	156-60-5	ND		0.793	-	ND		0.793	-	ND		0.793	-
trans-1,3-Dichloropropene	10061-02-6	ND		0.908	-	ND		0.908	-	ND		0.908	-
Trichloroethene	79-01-6	1.56		1.07	-	ND		1.07	-	40		1.07	-
Trichlorofluoromethane	75-69-4	1.33		1.12	-	ND		1.12	-	1.44		1.12	-
Vinyl bromide	593-60-2	ND		0.874	-	ND		0.874	-	ND		0.874	-
Vinyl chloride	75-01-4	ND		0.511	-	ND		0.511	-	ND		0.511	-
VOLATILE ORGANICS IN AIR BY SIM													
1,3-Butadiene	106-99-0	-		-	-	ND		0.044	-	-		-	-

* Comparison is not performed on parameters with non-numeric criteria.

Table 4 - Soil Vapor Analytical Results
Standard Motor Products, Inc.
Long Island City, Queens, New York
NYSDEC BCP Site No. 241016

SAMPLE LOCATION:		SG-03				SG-03				SG-03			
LAB ID:		L2425675-03				L2425675-03 R1				L2449467-03			
COLLECTION DATE:		5/8/2024				5/8/2024				8/28/2024			
SAMPLE MATRIX:		SOIL_VAPOR				SOIL_VAPOR				SOIL_VAPOR			
ANALYTE	**CAS**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
VOLATILE ORGANICS IN AIR													
1,1,1-Trichloroethane	71-55-6	163		1.09	-	-		-	-	249		1.09	-
1,1,2,2-Tetrachloroethane	79-34-5	ND		1.37	-	-		-	-	ND		1.37	-
1,1,2-Trichloroethane	79-00-5	ND		1.09	-	-		-	-	1.57		1.09	-
1,1-Dichloroethane	75-34-3	136		0.809	-	-		-	-	116		0.809	-
1,1-Dichloroethene	75-35-4	1.27		0.793	-	-		-	-	2.74		0.793	-
1,2,4-Trichlorobenzene	120-82-1	ND		1.48	-	-		-	-	ND		1.48	-
1,2,4-Trimethylbenzene	95-63-6	1.06		0.983	-	-		-	-	2.69		0.983	-
1,2-Dibromoethane	106-93-4	ND		1.54	-	-		-	-	ND		1.54	-
1,2-Dichlorobenzene	95-50-1	ND		1.2	-	-		-	-	1.71		1.2	-
1,2-Dichloroethane	107-06-2	ND		0.809	-	-		-	-	ND		0.809	-
1,2-Dichloropropane	78-87-5	ND		0.924	-	-		-	-	ND		0.924	-
1,3,5-Trimethylbenzene	108-67-8	ND		0.983	-	-		-	-	ND		0.983	-
1,3-Butadiene	106-99-0	ND		0.442	-	-		-	-	ND		0.442	-
1,3-Dichlorobenzene	541-73-1	3.91		1.2	-	-		-	-	ND		1.2	-
1,4-Dichlorobenzene	106-46-7	ND		1.2	-	-		-	-	ND		1.2	-
1,4-Dioxane	123-91-1	ND		0.721	-	-		-	-	ND		0.721	-
2,2,4-Trimethylpentane	540-84-1	ND		0.934	-	-		-	-	ND		0.934	-
2-Butanone	78-93-3	2.73		1.47	-	-		-	-	6.13		1.47	-
2-Hexanone	591-78-6	ND		0.82	-	-		-	-	0.861		0.82	-
3-Chloropropene	107-05-1	ND		0.626	-	-		-	-	ND		0.626	-
4-Ethyltoluene	622-96-8	ND		0.983	-	-		-	-	ND		0.983	-
4-Methyl-2-pentanone	108-10-1	ND		2.05	-	-		-	-	ND		2.05	-
Acetone	67-64-1	28.5		2.38	-	-		-	-	16.7		2.38	-
Benzene	71-43-2	1.12		0.639	-	-		-	-	1.3		0.639	-
Benzyl chloride	100-44-7	ND		1.04	-	-		-	-	ND		1.04	-
Bromodichloromethane	75-27-4	ND		1.34	-	-		-	-	ND		1.34	-
Bromoform	75-25-2	ND		2.07	-	-		-	-	ND		2.07	-
Bromomethane	74-83-9	ND		0.777	-	-		-	-	ND		0.777	-
Carbon disulfide	75-15-0	1.19		0.623	-	-		-	-	1.28		0.623	-
Carbon tetrachloride	56-23-5	ND		1.26	-	-		-	-	ND		1.26	-
Chlorobenzene	108-90-7	ND		0.921	-	-		-	-	ND		0.921	-
Chloroethane	75-00-3	3.8		0.528	-	-		-	-	3.06		0.528	-
Chloroform	67-66-3	ND		0.977	-	-		-	-	1.11		0.977	-
Chloromethane	74-87-3	ND		0.413	-	-		-	-	0.56		0.413	-
cis-1,2-Dichloroethene	156-59-2	40.8		0.793	-	-		-	-	62.6		0.793	-
cis-1,3-Dichloropropene	10061-01-5	ND		0.908	-	-		-	-	ND		0.908	-
Cyclohexane	110-82-7	ND		0.688	-	-		-	-	ND		0.688	-
Dibromochloromethane	124-48-1	ND		1.7	-	-		-	-	ND		1.7	-
Dichlorodifluoromethane	75-71-8	2.31		0.989	-	-		-	-	2.4		0.989	-
Ethanol	64-17-5	19.2		9.42	-	-		-	-	ND		9.42	-
Ethyl Acetate	141-78-6	ND		1.8	-	-		-	-	ND		1.8	-
Ethylbenzene	100-41-4	ND		0.869	-	-		-	-	ND		0.869	-
Freon-113	76-13-1	8.05		1.53	-	-		-	-	23.3		1.53	-
Freon-114	76-14-2	ND		1.4	-	-		-	-	ND		1.4	-
Heptane	142-82-5	ND		0.82	-	-		-	-	1.74		0.82	-
Hexachlorobutadiene	87-68-3	ND		2.13	-	-		-	-	ND		2.13	-
Isopropanol	67-63-0	1.58		1.23	-	-		-	-	ND		1.23	-
Methyl tert butyl ether	1634-04-4	ND		0.721	-	-		-	-	ND		0.721	-
Methylene chloride	75-09-2	5.77		1.74	-	-		-	-	5.7		1.74	-
n-Hexane	110-54-3	ND		0.705	-	-		-	-	ND		0.705	-
Naphthalene	91-20-3	1.81		1.05	-	-		-	-	ND		1.05	-
o-Xylene	95-47-6	ND		0.869	-	-		-	-	ND		0.869	-
p/m-Xylene	179601-23-1	ND		1.74	-	-		-	-	ND		1.74	-
Styrene	100-42-5	ND		0.852	-	-		-	-	ND		0.852	-
Tertiary butyl Alcohol	75-65-0	6.28		1.52	-	-		-	-	ND		1.52	-
Tetrachloroethene	127-18-4	18		1.36	-	-		-	-	50.8		1.36	-
Tetrahydrofuran	109-99-9	7.34		1.47	-	-		-	-	ND		1.47	-
Toluene	108-88-3	1.3		0.754	-	-		-	-	0.867		0.754	-
trans-1,2-Dichloroethene	156-60-5	2.16		0.793	-	-		-	-	2.61		0.793	-
trans-1,3-Dichloropropene	10061-02-6	ND		0.908	-	-		-	-	ND		0.908	-
Trichloroethene	79-01-6	634	E	1.07	-	688		5.37	-	1220	E	1.07	-
Trichlorofluoromethane	75-69-4	2.21		1.12	-	-		-	-	2.43		1.12	-
Vinyl bromide	593-60-2	ND		0.874	-	-		-	-	ND		0.874	-
Vinyl chloride	75-01-4	0.66		0.511	-	-		-	-	1.06		0.511	-
VOLATILE ORGANICS IN AIR BY SIM													
1,3-Butadiene	106-99-0	-		-	-	-		-	-	-		-	-

* Comparison is not performed on parameters with non-numeric criteria.

Table 4 - Soil Vapor Analytical Results
Standard Motor Products, Inc.
Long Island City, Queens, New York
NYSDEC BCP Site No. 241016

SAMPLE LOCATION:		SG-03				SG-03				SG-04			
LAB ID:		L2449467-03 R1				L2464558-06				L2408841-04			
COLLECTION DATE:		8/28/2024				11/5/2024				2/16/2024			
SAMPLE MATRIX:		SOIL_VAPOR				SOIL_VAPOR				SOIL_VAPOR			
ANALYTE	**CAS**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
VOLATILE ORGANICS IN AIR													
1,1,1-Trichloroethane	71-55-6	-		-	-	50.7		1.09	-	231		1.09	-
1,1,2,2-Tetrachloroethane	79-34-5	-		-	-	ND		1.37	-	ND		1.37	-
1,1,2-Trichloroethane	79-00-5	-		-	-	ND		1.09	-	ND		1.09	-
1,1-Dichloroethane	75-34-3	-		-	-	33.9		0.809	-	145		0.809	-
1,1-Dichloroethene	75-35-4	-		-	-	ND		0.793	-	ND		0.793	-
1,2,4-Trichlorobenzene	120-82-1	-		-	-	ND		1.48	-	ND		1.48	-
1,2,4-Trimethylbenzene	95-63-6	-		-	-	ND		0.983	-	1.09		0.983	-
1,2-Dibromoethane	106-93-4	-		-	-	ND		1.54	-	ND		1.54	-
1,2-Dichlorobenzene	95-50-1	-		-	-	ND		1.2	-	ND		1.2	-
1,2-Dichloroethane	107-06-2	-		-	-	ND		0.809	-	ND		0.809	-
1,2-Dichloropropane	78-87-5	-		-	-	ND		0.924	-	ND		0.924	-
1,3,5-Trimethylbenzene	108-67-8	-		-	-	ND		0.983	-	ND		0.983	-
1,3-Butadiene	106-99-0	-		-	-	-		-	-	ND		0.442	-
1,3-Dichlorobenzene	541-73-1	-		-	-	ND		1.2	-	ND		1.2	-
1,4-Dichlorobenzene	106-46-7	-		-	-	ND		1.2	-	ND		1.2	-
1,4-Dioxane	123-91-1	-		-	-	ND		0.721	-	ND		0.721	-
2,2,4-Trimethylpentane	540-84-1	-		-	-	ND		0.934	-	ND		0.934	-
2-Butanone	78-93-3	-		-	-	3.54		1.47	-	ND		1.47	-
2-Hexanone	591-78-6	-		-	-	0.836		0.82	-	ND		0.82	-
3-Chloropropene	107-05-1	-		-	-	ND		0.626	-	ND		0.626	-
4-Ethyltoluene	622-96-8	-		-	-	ND		0.983	-	ND		0.983	-
4-Methyl-2-pentanone	108-10-1	-		-	-	ND		2.05	-	ND		2.05	-
Acetone	67-64-1	-		-	-	13.8		2.38	-	9.29		2.38	-
Benzene	71-43-2	-		-	-	ND		0.639	-	ND		0.639	-
Benzyl chloride	100-44-7	-		-	-	ND		1.04	-	ND		1.04	-
Bromodichloromethane	75-27-4	-		-	-	ND		1.34	-	ND		1.34	-
Bromoform	75-25-2	-		-	-	ND		2.07	-	ND		2.07	-
Bromomethane	74-83-9	-		-	-	ND		0.777	-	ND		0.777	-
Carbon disulfide	75-15-0	-		-	-	ND		0.623	-	ND		0.623	-
Carbon tetrachloride	56-23-5	-		-	-	ND		1.26	-	ND		1.26	-
Chlorobenzene	108-90-7	-		-	-	ND		0.921	-	ND		0.921	-
Chloroethane	75-00-3	-		-	-	ND		0.528	-	14.4		0.528	-
Chloroform	67-66-3	-		-	-	ND		0.977	-	ND		0.977	-
Chloromethane	74-87-3	-		-	-	ND		0.413	-	ND		0.413	-
cis-1,2-Dichloroethene	156-59-2	-		-	-	9.71		0.793	-	38.5		0.793	-
cis-1,3-Dichloropropene	10061-01-5	-		-	-	ND		0.908	-	ND		0.908	-
Cyclohexane	110-82-7	-		-	-	ND		0.688	-	ND		0.688	-
Dibromochloromethane	124-48-1	-		-	-	ND		1.7	-	ND		1.7	-
Dichlorodifluoromethane	75-71-8	-		-	-	2.25		0.989	-	2.52		0.989	-
Ethanol	64-17-5	-		-	-	ND		9.42	-	ND		9.42	-
Ethyl Acetate	141-78-6	-		-	-	ND		1.8	-	ND		1.8	-
Ethylbenzene	100-41-4	-		-	-	ND		0.869	-	ND		0.869	-
Freon-113	76-13-1	-		-	-	93.5		1.53	-	8.89		1.53	-
Freon-114	76-14-2	-		-	-	ND		1.4	-	ND		1.4	-
Heptane	142-82-5	-		-	-	0.861		0.82	-	ND		0.82	-
Hexachlorobutadiene	87-68-3	-		-	-	ND		2.13	-	ND		2.13	-
Isopropanol	67-63-0	-		-	-	1.62		1.23	-	ND		1.23	-
Methyl tert butyl ether	1634-04-4	-		-	-	ND		0.721	-	ND		0.721	-
Methylene chloride	75-09-2	-		-	-	1.96		1.74	-	ND		1.74	-
n-Hexane	110-54-3	-		-	-	ND		0.705	-	ND		0.705	-
Naphthalene	91-20-3	-		-	-	ND		1.05	-	1.56		1.05	-
o-Xylene	95-47-6	-		-	-	ND		0.869	-	ND		0.869	-
p/m-Xylene	179601-23-1	-		-	-	ND		1.74	-	ND		1.74	-
Styrene	100-42-5	-		-	-	ND		0.852	-	ND		0.852	-
Tertiary butyl Alcohol	75-65-0	-		-	-	ND		1.52	-	ND		1.52	-
Tetrachloroethene	127-18-4	-		-	-	5.35		1.36	-	3.38		1.36	-
Tetrahydrofuran	109-99-9	-		-	-	ND		1.47	-	ND		1.47	-
Toluene	108-88-3	-		-	-	ND		0.754	-	ND		0.754	-
trans-1,2-Dichloroethene	156-60-5	-		-	-	ND		0.793	-	ND		0.793	-
trans-1,3-Dichloropropene	10061-02-6	-		-	-	ND		0.908	-	ND		0.908	-
Trichloroethene	79-01-6	1060		10.7	-	275		1.07	-	18.8		1.07	-
Trichlorofluoromethane	75-69-4	-		-	-	1.16		1.12	-	6.63		1.12	-
Vinyl bromide	593-60-2	-		-	-	ND		0.874	-	ND		0.874	-
Vinyl chloride	75-01-4	-		-	-	ND		0.511	-	0.792		0.511	-
VOLATILE ORGANICS IN AIR BY SIM													
1,3-Butadiene	106-99-0	-		-	-	ND		0.044	-	-		-	-

* Comparison is not performed on parameters with non-numeric criteria.

Table 4 - Soil Vapor Analytical Results
Standard Motor Products, Inc.
Long Island City, Queens, New York
NYSDEC BCP Site No. 241016

SAMPLE LOCATION:		SG-04				SG-04				SG-04				SG-04				SG-05			
LAB ID:		L2425675-04				L2425675-04 R1				L2449467-04				L2464558-05				L2418319-02			
COLLECTION DATE:		5/8/2024				5/8/2024				8/28/2024				11/5/2024				4/3/2024			
SAMPLE MATRIX:		SOIL_VAPOR				SOIL_VAPOR				SOIL_VAPOR				SOIL_VAPOR				SOIL_VAPOR			
ANALYTE	**CAS**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
VOLATILE ORGANICS IN AIR																					
1,1,1-Trichloroethane	71-55-6	1070	E	1.09	-	1050		10.9	-	1740		4.54	-	4510		10.9	-	17400		78.6	-
1,1,2,2-Tetrachloroethane	79-34-5	ND		1.37	-	-		-	-	ND		5.72	-	ND		13.7	-	ND		98.9	-
1,1,2-Trichloroethane	79-00-5	ND		1.09	-	-		-	-	ND		4.54	-	ND		10.9	-	ND		78.6	-
1,1-Dichloroethane	75-34-3	591	E	0.809	-	563		8.09	-	1240		3.37	-	1380		8.09	-	22200		58.3	-
1,1-Dichloroethene	75-35-4	1.03		0.793	-	-		-	-	ND		3.3	-	ND		7.93	-	ND		57.1	-
1,2,4-Trichlorobenzene	120-82-1	ND		1.48	-	-		-	-	ND		6.18	-	ND		14.8	-	ND		107	-
1,2,4-Trimethylbenzene	95-63-6	2.29		0.983	-	-		-	-	ND		4.1	-	ND		9.83	-	ND		70.8	-
1,2-Dibromoethane	106-93-4	ND		1.54	-	-		-	-	ND		6.4	-	ND		15.4	-	ND		111	-
1,2-Dichlorobenzene	95-50-1	ND		1.2	-	-		-	-	ND		5.01	-	ND		12	-	ND		86.6	-
1,2-Dichloroethane	107-06-2	ND		0.809	-	-		-	-	ND		3.37	-	ND		8.09	-	ND		58.3	-
1,2-Dichloropropane	78-87-5	ND		0.924	-	-		-	-	ND		3.85	-	ND		9.24	-	ND		66.6	-
1,3,5-Trimethylbenzene	108-67-8	ND		0.983	-	-		-	-	ND		4.1	-	ND		9.83	-	ND		70.8	-
1,3-Butadiene	106-99-0	ND		0.442	-	-		-	-	ND		1.84	-	-		-	-	ND		31.9	-
1,3-Dichlorobenzene	541-73-1	2.87		1.2	-	-		-	-	ND		5.01	-	ND		12	-	ND		86.6	-
1,4-Dichlorobenzene	106-46-7	ND		1.2	-	-		-	-	ND		5.01	-	ND		12	-	ND		86.6	-
1,4-Dioxane	123-91-1	ND		0.721	-	-		-	-	ND		3	-	ND		7.21	-	ND		51.9	-
2,2,4-Trimethylpentane	540-84-1	ND		0.934	-	-		-	-	ND		3.89	-	ND		9.34	-	ND		67.3	-
2-Butanone	78-93-3	3.24		1.47	-	-		-	-	ND		6.13	-	ND		14.7	-	ND		106	-
2-Hexanone	591-78-6	ND		0.82	-	-		-	-	ND		3.41	-	ND		8.2	-	ND		59	-
3-Chloropropene	107-05-1	ND		0.626	-	-		-	-	ND		2.61	-	ND		6.26	-	ND		45.1	-
4-Ethyltoluene	622-96-8	ND		0.983	-	-		-	-	ND		4.1	-	ND		9.83	-	ND		70.8	-
4-Methyl-2-pentanone	108-10-1	ND		2.05	-	-		-	-	ND		8.52	-	ND		20.5	-	ND		148	-
Acetone	67-64-1	36.6		2.38	-	-		-	-	10.5		9.91	-	ND		23.8	-	193		172	-
Benzene	71-43-2	1.05		0.639	-	-		-	-	ND		2.66	-	ND		6.39	-	ND		46	-
Benzyl chloride	100-44-7	ND		1.04	-	-		-	-	ND		4.31	-	ND		10.4	-	ND		74.6	-
Bromodichloromethane	75-27-4	ND		1.34	-	-		-	-	ND		5.58	-	ND		13.4	-	ND		96.5	-
Bromoform	75-25-2	ND		2.07	-	-		-	-	ND		8.61	-	ND		20.7	-	ND		149	-
Bromomethane	74-83-9	ND		0.777	-	-		-	-	ND		3.23	-	ND		7.77	-	ND		55.9	-
Carbon disulfide	75-15-0	1.21		0.623	-	-		-	-	ND		2.59	-	ND		6.23	-	ND		44.8	-
Carbon tetrachloride	56-23-5	ND		1.26	-	-		-	-	ND		5.24	-	ND		12.6	-	ND		90.6	-
Chlorobenzene	108-90-7	ND		0.921	-	-		-	-	ND		3.84	-	ND		9.21	-	ND		66.3	-
Chloroethane	75-00-3	8.02		0.528	-	-		-	-	96.8		2.2	-	95		5.28	-	509		38	-
Chloroform	67-66-3	ND		0.977	-	-		-	-	ND		4.07	-	ND		9.77	-	ND		70.3	-
Chloromethane	74-87-3	0.745		0.413	-	-		-	-	ND		1.72	-	ND		4.13	-	ND		29.7	-
cis-1,2-Dichloroethene	156-59-2	218		0.793	-	-		-	-	237		3.3	-	237		7.93	-	5590		57.1	-
cis-1,3-Dichloropropene	10061-01-5	ND		0.908	-	-		-	-	ND		3.78	-	ND		9.08	-	ND		65.4	-
Cyclohexane	110-82-7	ND		0.688	-	-		-	-	ND		2.87	-	ND		6.88	-	ND		49.6	-
Dibromochloromethane	124-48-1	ND		1.7	-	-		-	-	ND		7.1	-	ND		17	-	ND		123	-
Dichlorodifluoromethane	75-71-8	2.36		0.989	-	-		-	-	ND		4.12	-	ND		9.89	-	ND		71.2	-
Ethanol	64-17-5	26.2		9.42	-	-		-	-	ND		39.2	-	ND		94.2	-	ND		680	-
Ethyl Acetate	141-78-6	ND		1.8	-	-		-	-	ND		7.5	-	ND		18	-	ND		130	-
Ethylbenzene	100-41-4	ND		0.869	-	-		-	-	ND		3.62	-	ND		8.69	-	ND		62.5	-
Freon-113	76-13-1	35.5		1.53	-	-		-	-	204		6.38	-	459		15.3	-	ND		110	-
Freon-114	76-14-2	ND		1.4	-	-		-	-	ND		5.82	-	ND		14	-	ND		101	-
Heptane	142-82-5	ND		0.82	-	-		-	-	ND		3.41	-	ND		8.2	-	ND		59	-
Hexachlorobutadiene	87-68-3	ND		2.13	-	-		-	-	ND		8.89	-	ND		21.3	-	ND		154	-
Isopropanol	67-63-0	3.17		1.23	-	-		-	-	ND		5.11	-	ND		12.3	-	ND		88.7	-
Methyl tert butyl ether	1634-04-4	ND		0.721	-	-		-	-	ND		3	-	ND		7.21	-	ND		51.9	-
Methylene chloride	75-09-2	3.75		1.74	-	-		-	-	ND		7.23	-	ND		17.4	-	ND		125	-
n-Hexane	110-54-3	ND		0.705	-	-		-	-	3.45		2.94	-	ND		7.05	-	ND		50.8	-
Naphthalene	91-20-3	1.72		1.05	-	-		-	-	ND		4.37	-	ND		10.5	-	ND		75.5	-
o-Xylene	95-47-6	ND		0.869	-	-		-	-	ND		3.62	-	ND		8.69	-	ND		62.5	-
p/m-Xylene	179601-23-1	2.89		1.74	-	-		-	-	ND		7.25	-	ND		17.4	-	ND		126	-
Styrene	100-42-5	ND		0.852	-	-		-	-	ND		3.55	-	ND		8.52	-	ND		61.3	-
Tertiary butyl Alcohol	75-65-0	6.73		1.52	-	-		-	-	ND		6.31	-	ND		15.2	-	ND		109	-
Tetrachloroethene	127-18-4	20.6		1.36	-	-		-	-	41.4		5.65	-	16.8		13.6	-	158		97.6	-
Tetrahydrofuran	109-99-9	ND		1.47	-	-		-	-	ND		6.13	-	ND		14.7	-	ND		106	-
Toluene	108-88-3	3.59		0.754	-	-		-	-	ND		3.14	-	ND		7.54	-	64.4		54.3	-
trans-1,2-Dichloroethene	156-60-5	3.44		0.793	-	-		-	-	4.68		3.3	-	ND		7.93	-	ND		57.1	-
trans-1,3-Dichloropropene	10061-02-6	ND		0.908	-	-		-	-	ND		3.78	-	ND		9.08	-	ND		65.4	-
Trichloroethene	79-01-6	124		1.07	-	-		-	-	182		4.48	-	123		10.7	-	514		77.4	-
Trichlorofluoromethane	75-69-4	20.1		1.12	-	-		-	-	88.8		4.68	-	215		11.2	-	ND		80.9	-
Vinyl bromide	593-60-2	ND		0.874	-	-		-	-	ND		3.64	-	ND		8.74	-	ND		63	-
Vinyl chloride	75-01-4	ND		0.511	-	-		-	-	15.1		2.13	-	7.36		5.11	-	83.6		36.8	-
VOLATILE ORGANICS IN AIR BY SIM																					
1,3-Butadiene	106-99-0	-		-	-	-		-	-	-		-	-	ND		0.442	-	-		-	-

* Comparison is not performed on parameters with non-numeric criteria.

Table 4 - Soil Vapor Analytical Results
Standard Motor Products, Inc.
Long Island City, Queens, New York
NYSDEC BCP Site No. 241016

SAMPLE LOCATION:		SG-05				SG-05				SG-05				SG-05				SG-05			
LAB ID:		L2425675-05				L2425675-05 R1				L2449467-05				L2449467-05 R2				L2464558-03			
COLLECTION DATE:		5/8/2024				5/8/2024				8/28/2024				8/28/2024				11/5/2024			
SAMPLE MATRIX:		SOIL_VAPOR				SOIL_VAPOR				SOIL_VAPOR				SOIL_VAPOR				SOIL_VAPOR			
ANALYTE	**CAS**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
VOLATILE ORGANICS IN AIR																					
1,1,1-Trichloroethane	71-55-6	23700	E	28.2	-	21400		141	-	9820		24.8	-	-		-	-	9770		51.1	-
1,1,2,2-Tetrachloroethane	79-34-5	ND		35.4	-	-		-	-	ND		31.2	-	-		-	-	ND		64.3	-
1,1,2-Trichloroethane	79-00-5	ND		28.2	-	-		-	-	ND		24.8	-	-		-	-	ND		51.1	-
1,1-Dichloroethane	75-34-3	24400	E	20.9	-	23600		105	-	11200	E	18.4	-	6920		30.6	-	9350		37.9	-
1,1-Dichloroethene	75-35-4	36		20.5	-	-		-	-	ND		18	-	-		-	-	ND		37.1	-
1,2,4-Trichlorobenzene	120-82-1	ND		38.3	-	-		-	-	ND		33.7	-	-		-	-	ND		69.5	-
1,2,4-Trimethylbenzene	95-63-6	ND		25.4	-	-		-	-	ND		22.3	-	-		-	-	ND		46	-
1,2-Dibromoethane	106-93-4	ND		39.7	-	-		-	-	ND		34.9	-	-		-	-	ND		71.9	-
1,2-Dichlorobenzene	95-50-1	ND		31	-	-		-	-	ND		27.3	-	-		-	-	ND		56.3	-
1,2-Dichloroethane	107-06-2	ND		20.9	-	-		-	-	ND		18.4	-	-		-	-	ND		37.9	-
1,2-Dichloropropane	78-87-5	ND		23.8	-	-		-	-	ND		21	-	-		-	-	ND		43.3	-
1,3,5-Trimethylbenzene	108-67-8	ND		25.4	-	-		-	-	ND		22.3	-	-		-	-	ND		46	-
1,3-Butadiene	106-99-0	ND		11.4	-	-		-	-	ND		10	-	-		-	-	-		-	-
1,3-Dichlorobenzene	541-73-1	ND		31	-	-		-	-	ND		27.3	-	-		-	-	ND		56.3	-
1,4-Dichlorobenzene	106-46-7	ND		31	-	-		-	-	ND		27.3	-	-		-	-	ND		56.3	-
1,4-Dioxane	123-91-1	ND		18.6	-	-		-	-	ND		16.4	-	-		-	-	ND		33.7	-
2,2,4-Trimethylpentane	540-84-1	ND		24.1	-	-		-	-	ND		21.2	-	-		-	-	ND		43.7	-
2-Butanone	78-93-3	ND		38	-	-		-	-	ND		33.3	-	-		-	-	ND		69	-
2-Hexanone	591-78-6	ND		21.1	-	-		-	-	ND		18.6	-	-		-	-	ND		38.4	-
3-Chloropropene	107-05-1	ND		16.2	-	-		-	-	ND		14.2	-	-		-	-	ND		29.3	-
4-Ethyltoluene	622-96-8	ND		25.4	-	-		-	-	ND		22.3	-	-		-	-	ND		46	-
4-Methyl-2-pentanone	108-10-1	ND		52.9	-	-		-	-	ND		46.3	-	-		-	-	ND		95.9	-
Acetone	67-64-1	ND		61.3	-	-		-	-	ND		53.9	-	-		-	-	176		111	-
Benzene	71-43-2	ND		16.5	-	-		-	-	ND		14.5	-	-		-	-	ND		29.9	-
Benzyl chloride	100-44-7	ND		26.7	-	-		-	-	ND		23.5	-	-		-	-	ND		48.5	-
Bromodichloromethane	75-27-4	ND		34.6	-	-		-	-	ND		30.4	-	-		-	-	ND		62.7	-
Bromoform	75-25-2	ND		53.4	-	-		-	-	ND		46.9	-	-		-	-	ND		96.8	-
Bromomethane	74-83-9	ND		20	-	-		-	-	ND		17.6	-	-		-	-	ND		36.3	-
Carbon disulfide	75-15-0	ND		16.1	-	-		-	-	ND		14.1	-	-		-	-	ND		29.1	-
Carbon tetrachloride	56-23-5	ND		32.5	-	-		-	-	ND		28.6	-	-		-	-	ND		58.9	-
Chlorobenzene	108-90-7	ND		23.8	-	-		-	-	ND		20.9	-	-		-	-	ND		43.1	-
Chloroethane	75-00-3	884		13.6	-	-		-	-	430		12	-	-		-	-	446		24.7	-
Chloroform	67-66-3	ND		25.2	-	-		-	-	ND		22.2	-	-		-	-	ND		45.7	-
Chloromethane	74-87-3	ND		10.7	-	-		-	-	ND		9.38	-	-		-	-	ND		19.3	-
cis-1,2-Dichloroethene	156-59-2	8050		20.5	-	-		-	-	3000		18	-	-		-	-	2040		37.1	-
cis-1,3-Dichloropropene	10061-01-5	ND		23.4	-	-		-	-	ND		20.6	-	-		-	-	ND		42.5	-
Cyclohexane	110-82-7	ND		17.8	-	-		-	-	ND		15.6	-	-		-	-	ND		32.2	-
Dibromochloromethane	124-48-1	ND		44	-	-		-	-	ND		38.7	-	-		-	-	ND		79.7	-
Dichlorodifluoromethane	75-71-8	ND		25.5	-	-		-	-	ND		22.4	-	-		-	-	ND		46.3	-
Ethanol	64-17-5	ND		243	-	-		-	-	ND		213	-	-		-	-	ND		441	-
Ethyl Acetate	141-78-6	ND		46.5	-	-		-	-	ND		40.7	-	-		-	-	ND		84.3	-
Ethylbenzene	100-41-4	ND		22.4	-	-		-	-	ND		19.7	-	-		-	-	ND		40.7	-
Freon-113	76-13-1	261		39.5	-	-		-	-	313		34.8	-	-		-	-	592		71.7	-
Freon-114	76-14-2	ND		36.1	-	-		-	-	ND		31.7	-	-		-	-	ND		65.4	-
Heptane	142-82-5	ND		21.1	-	-		-	-	ND		18.6	-	-		-	-	ND		38.4	-
Hexachlorobutadiene	87-68-3	ND		55	-	-		-	-	ND		48.4	-	-		-	-	ND		99.8	-
Isopropanol	67-63-0	ND		31.7	-	-		-	-	ND		27.8	-	-		-	-	ND		57.5	-
Methyl tert butyl ether	1634-04-4	ND		18.6	-	-		-	-	ND		16.4	-	-		-	-	ND		33.7	-
Methylene chloride	75-09-2	57		44.8	-	-		-	-	ND		39.3	-	-		-	-	ND		81.3	-
n-Hexane	110-54-3	ND		18.2	-	-		-	-	ND		16	-	-		-	-	ND		33	-
Naphthalene	91-20-3	ND		27.1	-	-		-	-	ND		23.8	-	-		-	-	ND		49.1	-
o-Xylene	95-47-6	ND		22.4	-	-		-	-	ND		19.7	-	-		-	-	ND		40.7	-
p/m-Xylene	179601-23-1	ND		44.7	-	-		-	-	ND		39.4	-	-		-	-	ND		81.2	-
Styrene	100-42-5	ND		22	-	-		-	-	ND		19.3	-	-		-	-	ND		39.9	-
Tertiary butyl Alcohol	75-65-0	ND		39.1	-	-		-	-	ND		34.3	-	-		-	-	ND		70.9	-
Tetrachloroethene	127-18-4	365		35	-	-		-	-	127		30.8	-	-		-	-	ND		63.5	-
Tetrahydrofuran	109-99-9	ND		38	-	-		-	-	ND		33.3	-	-		-	-	ND		69	-
Toluene	108-88-3	ND		19.4	-	-		-	-	17.9		17.1	-	-		-	-	ND		35.3	-
trans-1,2-Dichloroethene	156-60-5	61.9		20.5	-	-		-	-	32.2		18	-	-		-	-	ND		37.1	-
trans-1,3-Dichloropropene	10061-02-6	ND		23.4	-	-		-	-	ND		20.6	-	-		-	-	ND		42.5	-
Trichloroethene	79-01-6	2490		27.7	-	-		-	-	1170		24.4	-	-		-	-	822		50.3	-
Trichlorofluoromethane	75-69-4	ND		29	-	-		-	-	ND		25.5	-	-		-	-	ND		52.6	-
Vinyl bromide	593-60-2	ND		22.6	-	-		-	-	ND		19.8	-	-		-	-	ND		40.9	-
Vinyl chloride	75-01-4	48.6		13.2	-	-		-	-	ND		11.6	-	-		-	-	29.1		23.9	-
VOLATILE ORGANICS IN AIR BY SIM																					
1,3-Butadiene	106-99-0	-		-	-	-		-	-	-		-	-	-		-	-	ND		2.07	-

* Comparison is not performed on parameters with non-numeric criteria.

Table 4 - Soil Vapor Analytical Results
Standard Motor Products, Inc.
Long Island City, Queens, New York
NYSDEC BCP Site No. 241016

SAMPLE LOCATION:		SG-06				SG-06				SG-06				SG-06				SG-06			
LAB ID:		L2418319-01				L2425675-06				L2449467-06				L2449467-06 R2				L2464558-01			
COLLECTION DATE:		4/3/2024				5/8/2024				8/28/2024				8/28/2024				11/5/2024			
SAMPLE MATRIX:		SOIL_VAPOR				SOIL_VAPOR				SOIL_VAPOR				SOIL_VAPOR				SOIL_VAPOR			
ANALYTE	**CAS**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
VOLATILE ORGANICS IN AIR																					
1,1,1-Trichloroethane	71-55-6	26.6		1.09	-	62.7		1.09	-	98.8		1.09	-	-		-	-	17.7		1.09	-
1,1,2,2-Tetrachloroethane	79-34-5	ND		1.37	-	ND		1.37	-	ND		1.37	-	-		-	-	ND		1.37	-
1,1,2-Trichloroethane	79-00-5	ND		1.09	-	ND		1.09	-	ND		1.09	-	-		-	-	ND		1.09	-
1,1-Dichloroethane	75-34-3	20.8		0.809	-	89		0.809	-	109		0.809	-	-		-	-	15.2		0.809	-
1,1-Dichloroethene	75-35-4	ND		0.793	-	ND		0.793	-	ND		0.793	-	-		-	-	ND		0.793	-
1,2,4-Trichlorobenzene	120-82-1	ND		1.48	-	ND		1.48	-	ND		1.48	-	-		-	-	ND		1.48	-
1,2,4-Trimethylbenzene	95-63-6	32.2		0.983	-	4.4		0.983	-	ND		0.983	-	-		-	-	ND		0.983	-
1,2-Dibromoethane	106-93-4	ND		1.54	-	ND		1.54	-	ND		1.54	-	-		-	-	ND		1.54	-
1,2-Dichlorobenzene	95-50-1	ND		1.2	-	ND		1.2	-	ND		1.2	-	-		-	-	ND		1.2	-
1,2-Dichloroethane	107-06-2	ND		0.809	-	ND		0.809	-	ND		0.809	-	-		-	-	ND		0.809	-
1,2-Dichloropropane	78-87-5	ND		0.924	-	ND		0.924	-	ND		0.924	-	-		-	-	ND		0.924	-
1,3,5-Trimethylbenzene	108-67-8	8.6		0.983	-	1.41		0.983	-	ND		0.983	-	-		-	-	ND		0.983	-
1,3-Butadiene	106-99-0	8.01		0.442	-	ND		0.442	-	ND		0.442	-	-		-	-	-		-	-
1,3-Dichlorobenzene	541-73-1	ND		1.2	-	5.29		1.2	-	ND		1.2	-	-		-	-	ND		1.2	-
1,4-Dichlorobenzene	106-46-7	ND		1.2	-	ND		1.2	-	ND		1.2	-	-		-	-	ND		1.2	-
1,4-Dioxane	123-91-1	ND		0.721	-	ND		0.721	-	ND		0.721	-	-		-	-	ND		0.721	-
2,2,4-Trimethylpentane	540-84-1	15.6		0.934	-	27.7		0.934	-	ND		0.934	-	-		-	-	ND		0.934	-
2-Butanone	78-93-3	4.78		1.47	-	9.02		1.47	-	7.37		1.47	-	-		-	-	ND		1.47	-
2-Hexanone	591-78-6	ND		0.82	-	ND		0.82	-	1.71		0.82	-	-		-	-	ND		0.82	-
3-Chloropropene	107-05-1	ND		0.626	-	ND		0.626	-	ND		0.626	-	-		-	-	ND		0.626	-
4-Ethyltoluene	622-96-8	7.13		0.983	-	ND		0.983	-	ND		0.983	-	-		-	-	ND		0.983	-
4-Methyl-2-pentanone	108-10-1	ND		2.05	-	ND		2.05	-	ND		2.05	-	-		-	-	ND		2.05	-
Acetone	67-64-1	102		2.38	-	61		2.38	-	36.1		2.38	-	-		-	-	5.2		2.38	-
Benzene	71-43-2	53		0.639	-	13		0.639	-	0.68		0.639	-	-		-	-	ND		0.639	-
Benzyl chloride	100-44-7	ND		1.04	-	ND		1.04	-	ND		1.04	-	-		-	-	ND		1.04	-
Bromodichloromethane	75-27-4	ND		1.34	-	ND		1.34	-	ND		1.34	-	-		-	-	ND		1.34	-
Bromoform	75-25-2	ND		2.07	-	ND		2.07	-	ND		2.07	-	-		-	-	ND		2.07	-
Bromomethane	74-83-9	ND		0.777	-	ND		0.777	-	ND		0.777	-	-		-	-	ND		0.777	-
Carbon disulfide	75-15-0	3.11		0.623	-	1.59		0.623	-	2.21		0.623	-	-		-	-	ND		0.623	-
Carbon tetrachloride	56-23-5	ND		1.26	-	ND		1.26	-	ND		1.26	-	-		-	-	ND		1.26	-
Chlorobenzene	108-90-7	ND		0.921	-	ND		0.921	-	ND		0.921	-	-		-	-	ND		0.921	-
Chloroethane	75-00-3	0.715		0.528	-	1.73		0.528	-	2.43		0.528	-	-		-	-	ND		0.528	-
Chloroform	67-66-3	ND		0.977	-	1.06		0.977	-	5.18		0.977	-	-		-	-	ND		0.977	-
Chloromethane	74-87-3	ND		0.413	-	0.562		0.413	-	0.522		0.413	-	-		-	-	ND		0.413	-
cis-1,2-Dichloroethene	156-59-2	7.22		0.793	-	31.7		0.793	-	46.8		0.793	-	-		-	-	6.62		0.793	-
cis-1,3-Dichloropropene	10061-01-5	ND		0.908	-	ND		0.908	-	ND		0.908	-	-		-	-	ND		0.908	-
Cyclohexane	110-82-7	7.95		0.688	-	31.4		0.688	-	6.13		0.688	-	-		-	-	ND		0.688	-
Dibromochloromethane	124-48-1	ND		1.7	-	ND		1.7	-	ND		1.7	-	-		-	-	ND		1.7	-
Dichlorodifluoromethane	75-71-8	2.61		0.989	-	2.37		0.989	-	2.4		0.989	-	-		-	-	2.21		0.989	-
Ethanol	64-17-5	837		9.42	-	28.3		9.42	-	ND		9.42	-	-		-	-	ND		9.42	-
Ethyl Acetate	141-78-6	ND		1.8	-	ND		1.8	-	ND		1.8	-	-		-	-	ND		1.8	-
Ethylbenzene	100-41-4	21.9		0.869	-	3.61		0.869	-	ND		0.869	-	-		-	-	ND		0.869	-
Freon-113	76-13-1	2.77		1.53	-	3.42		1.53	-	6.23		1.53	-	-		-	-	ND		1.53	-
Freon-114	76-14-2	ND		1.4	-	ND		1.4	-	ND		1.4	-	-		-	-	ND		1.4	-
Heptane	142-82-5	8.77		0.82	-	25.6		0.82	-	1.55		0.82	-	-		-	-	ND		0.82	-
Hexachlorobutadiene	87-68-3	ND		2.13	-	ND		2.13	-	ND		2.13	-	-		-	-	ND		2.13	-
Isopropanol	67-63-0	5.11		1.23	-	4.1		1.23	-	ND		1.23	-	-		-	-	ND		1.23	-
Methyl tert butyl ether	1634-04-4	ND		0.721	-	ND		0.721	-	ND		0.721	-	-		-	-	ND		0.721	-
Methylene chloride	75-09-2	ND		1.74	-	5.38		1.74	-	2.44		1.74	-	-		-	-	ND		1.74	-
n-Hexane	110-54-3	15.3		0.705	-	35.6		0.705	-	19.8		0.705	-	-		-	-	ND		0.705	-
Naphthalene	91-20-3	7.08		1.05	-	1.83		1.05	-	ND		1.05	-	-		-	-	1.07		1.05	-
o-Xylene	95-47-6	32.6		0.869	-	5.34		0.869	-	ND		0.869	-	-		-	-	ND		0.869	-
p/m-Xylene	179601-23-1	80.8		1.74	-	14.9		1.74	-	ND		1.74	-	-		-	-	1.77		1.74	-
Styrene	100-42-5	6.05		0.852	-	ND		0.852	-	ND		0.852	-	-		-	-	ND		0.852	-
Tertiary butyl Alcohol	75-65-0	ND		1.52	-	11.4		1.52	-	ND		1.52	-	-		-	-	ND		1.52	-
Tetrachloroethene	127-18-4	ND		1.36	-	3.09		1.36	-	6.98		1.36	-	-		-	-	ND		1.36	-
Tetrahydrofuran	109-99-9	ND		1.47	-	ND		1.47	-	ND		1.47	-	-		-	-	ND		1.47	-
Toluene	108-88-3	88.9		0.754	-	35		0.754	-	34.7		0.754	-	-		-	-	1.25		0.754	-
trans-1,2-Dichloroethene	156-60-5	ND		0.793	-	1.72		0.793	-	3.39		0.793	-	-		-	-	ND		0.793	-
trans-1,3-Dichloropropene	10061-02-6	ND		0.908	-	ND		0.908	-	ND		0.908	-	-		-	-	ND		0.908	-
Trichloroethene	79-01-6	70.4		1.07	-	313		1.07	-	580	E	1.07	-	720		5.37	-	125		1.07	-
Trichlorofluoromethane	75-69-4	1.75		1.12	-	2.12		1.12	-	2.54		1.12	-	-		-	-	ND		1.12	-
Vinyl bromide	593-60-2	ND		0.874	-	ND		0.874	-	ND		0.874	-	-		-	-	ND		0.874	-
Vinyl chloride	75-01-4	ND		0.511	-	ND		0.511	-	ND		0.511	-	-		-	-	ND		0.511	-
VOLATILE ORGANICS IN AIR BY SIM																					
1,3-Butadiene	106-99-0	-		-	-	-		-	-	-		-	-	-		-	-	ND		0.044	-

* Comparison is not performed on parameters with non-numeric criteria.

Table 4 - Soil Vapor Analytical Results
Standard Motor Products, Inc.
Long Island City, Queens, New York
NYSDEC BCP Site No. 241016

SAMPLE LOCATION:		SG-06 (DUP)				SG-07				SG-07				SG-07				SG-07			
LAB ID:		L2464558-09				L2408841-07				L2425675-07				L2449467-07				L2464558-04			
COLLECTION DATE:		11/5/2024				2/16/2024				5/8/2024				8/28/2024				11/5/2024			
SAMPLE MATRIX:		SOIL_VAPOR				SOIL_VAPOR				SOIL_VAPOR				SOIL_VAPOR				SOIL_VAPOR			
ANALYTE	**CAS**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
VOLATILE ORGANICS IN AIR																					
1,1,1-Trichloroethane	71-55-6	17.5		1.09	-	1.34		1.09	-	4.27		1.09	-	12.1		1.09	-	3.13		1.09	-
1,1,2,2-Tetrachloroethane	79-34-5	ND		1.37	-	ND		1.37	-	ND		1.37	-	ND		1.37	-	ND		1.37	-
1,1,2-Trichloroethane	79-00-5	ND		1.09	-	ND		1.09	-	ND		1.09	-	ND		1.09	-	ND		1.09	-
1,1-Dichloroethane	75-34-3	15.1		0.809	-	0.939		0.809	-	2.1		0.809	-	4.86		0.809	-	1.58		0.809	-
1,1-Dichloroethene	75-35-4	ND		0.793	-	ND		0.793	-	ND		0.793	-	ND		0.793	-	ND		0.793	-
1,2,4-Trichlorobenzene	120-82-1	ND		1.48	-	ND		1.48	-	ND		1.48	-	ND		1.48	-	ND		1.48	-
1,2,4-Trimethylbenzene	95-63-6	2.04		0.983	-	1.81		0.983	-	ND		0.983	-	ND		0.983	-	ND		0.983	-
1,2-Dibromoethane	106-93-4	ND		1.54	-	ND		1.54	-	ND		1.54	-	ND		1.54	-	ND		1.54	-
1,2-Dichlorobenzene	95-50-1	ND		1.2	-	ND		1.2	-	ND		1.2	-	ND		1.2	-	ND		1.2	-
1,2-Dichloroethane	107-06-2	ND		0.809	-	ND		0.809	-	ND		0.809	-	ND		0.809	-	ND		0.809	-
1,2-Dichloropropane	78-87-5	ND		0.924	-	ND		0.924	-	ND		0.924	-	ND		0.924	-	ND		0.924	-
1,3,5-Trimethylbenzene	108-67-8	ND		0.983	-	ND		0.983	-	ND		0.983	-	ND		0.983	-	ND		0.983	-
1,3-Butadiene	106-99-0	-	-	-	-	ND		0.442	-	ND		0.442	-	ND		0.442	-	-		-	-
1,3-Dichlorobenzene	541-73-1	ND		1.2	-	ND		1.2	-	1.25		1.2	-	ND		1.2	-	ND		1.2	-
1,4-Dichlorobenzene	106-46-7	ND		1.2	-	ND		1.2	-	ND		1.2	-	ND		1.2	-	ND		1.2	-
1,4-Dioxane	123-91-1	ND		0.721	-	ND		0.721	-	ND		0.721	-	ND		0.721	-	ND		0.721	-
2,2,4-Trimethylpentane	540-84-1	ND		0.934	-	ND		0.934	-	ND		0.934	-	ND		0.934	-	ND		0.934	-
2-Butanone	78-93-3	ND		1.47	-	1.64		1.47	-	2.05		1.47	-	4.13		1.47	-	ND		1.47	-
2-Hexanone	591-78-6	ND		0.82	-	ND		0.82	-	ND		0.82	-	ND		0.82	-	ND		0.82	-
3-Chloropropene	107-05-1	ND		0.626	-	ND		0.626	-	ND		0.626	-	ND		0.626	-	ND		0.626	-
4-Ethyltoluene	622-96-8	ND		0.983	-	ND		0.983	-	ND		0.983	-	ND		0.983	-	ND		0.983	-
4-Methyl-2-pentanone	108-10-1	ND		2.05	-	ND		2.05	-	ND		2.05	-	ND		2.05	-	ND		2.05	-
Acetone	67-64-1	5.13		2.38	-	9.64		2.38	-	19.2		2.38	-	10.4		2.38	-	3.18		2.38	-
Benzene	71-43-2	0.962		0.639	-	ND		0.639	-	0.671		0.639	-	ND		0.639	-	ND		0.639	-
Benzyl chloride	100-44-7	ND		1.04	-	ND		1.04	-	ND		1.04	-	ND		1.04	-	ND		1.04	-
Bromodichloromethane	75-27-4	ND		1.34	-	ND		1.34	-	ND		1.34	-	ND		1.34	-	ND		1.34	-
Bromoform	75-25-2	ND		2.07	-	ND		2.07	-	ND		2.07	-	ND		2.07	-	ND		2.07	-
Bromomethane	74-83-9	ND		0.777	-	ND		0.777	-	ND		0.777	-	ND		0.777	-	ND		0.777	-
Carbon disulfide	75-15-0	ND		0.623	-	ND		0.623	-	0.741		0.623	-	0.751		0.623	-	ND		0.623	-
Carbon tetrachloride	56-23-5	ND		1.26	-	ND		1.26	-	ND		1.26	-	ND		1.26	-	ND		1.26	-
Chlorobenzene	108-90-7	ND		0.921	-	ND		0.921	-	ND		0.921	-	ND		0.921	-	ND		0.921	-
Chloroethane	75-00-3	ND		0.528	-	ND		0.528	-	ND		0.528	-	0.602		0.528	-	ND		0.528	-
Chloroform	67-66-3	ND		0.977	-	ND		0.977	-	ND		0.977	-	ND		0.977	-	ND		0.977	-
Chloromethane	74-87-3	ND		0.413	-	ND		0.413	-	0.892		0.413	-	1.05		0.413	-	ND		0.413	-
cis-1,2-Dichloroethene	156-59-2	6.58		0.793	-	0.912		0.793	-	1.82		0.793	-	3.34		0.793	-	0.967		0.793	-
cis-1,3-Dichloropropene	10061-01-5	ND		0.908	-	ND		0.908	-	ND		0.908	-	ND		0.908	-	ND		0.908	-
Cyclohexane	110-82-7	ND		0.688	-	ND		0.688	-	ND		0.688	-	0.995		0.688	-	ND		0.688	-
Dibromochloromethane	124-48-1	ND		1.7	-	ND		1.7	-	ND		1.7	-	ND		1.7	-	ND		1.7	-
Dichlorodifluoromethane	75-71-8	2.16		0.989	-	2.19		0.989	-	2.23		0.989	-	2.46		0.989	-	2.22		0.989	-
Ethanol	64-17-5	ND		9.42	-	ND		9.42	-	14.9		9.42	-	ND		9.42	-	ND		9.42	-
Ethyl Acetate	141-78-6	ND		1.8	-	ND		1.8	-	ND		1.8	-	ND		1.8	-	ND		1.8	-
Ethylbenzene	100-41-4	ND		0.869	-	ND		0.869	-	ND		0.869	-	ND		0.869	-	ND		0.869	-
Freon-113	76-13-1	ND		1.53	-	ND		1.53	-	ND		1.53	-	ND		1.53	-	ND		1.53	-
Freon-114	76-14-2	ND		1.4	-	ND		1.4	-	ND		1.4	-	ND		1.4	-	ND		1.4	-
Heptane	142-82-5	ND		0.82	-	ND		0.82	-	ND		0.82	-	1.37		0.82	-	ND		0.82	-
Hexachlorobutadiene	87-68-3	ND		2.13	-	ND		2.13	-	ND		2.13	-	ND		2.13	-	ND		2.13	-
Isopropanol	67-63-0	ND		1.23	-	ND		1.23	-	ND		1.23	-	ND		1.23	-	ND		1.23	-
Methyl tert butyl ether	1634-04-4	ND		0.721	-	ND		0.721	-	ND		0.721	-	ND		0.721	-	ND		0.721	-
Methylene chloride	75-09-2	ND		1.74	-	ND		1.74	-	13.2		1.74	-	ND		1.74	-	ND		1.74	-
n-Hexane	110-54-3	ND		0.705	-	ND		0.705	-	ND		0.705	-	1.33		0.705	-	ND		0.705	-
Naphthalene	91-20-3	1.64		1.05	-	2.03		1.05	-	ND		1.05	-	ND		1.05	-	ND		1.05	-
o-Xylene	95-47-6	0.96		0.869	-	ND		0.869	-	ND		0.869	-	ND		0.869	-	ND		0.869	-
p/m-Xylene	179601-23-1	2.22		1.74	-	ND		1.74	-	ND		1.74	-	ND		1.74	-	ND		1.74	-
Styrene	100-42-5	ND		0.852	-	ND		0.852	-	ND		0.852	-	ND		0.852	-	ND		0.852	-
Tertiary butyl Alcohol	75-65-0	ND		1.52	-	2.76		1.52	-	2.29		1.52	-	ND		1.52	-	ND		1.52	-
Tetrachloroethene	127-18-4	ND		1.36	-	ND		1.36	-	ND		1.36	-	2.85		1.36	-	ND		1.36	-
Tetrahydrofuran	109-99-9	ND		1.47	-	3.01		1.47	-	ND		1.47	-	ND		1.47	-	ND		1.47	-
Toluene	108-88-3	1.56		0.754	-	1.38		0.754	-	2.24		0.754	-	ND		0.754	-	ND		0.754	-
trans-1,2-Dichloroethene	156-60-5	ND		0.793	-	ND		0.793	-	ND		0.793	-	ND		0.793	-	ND		0.793	-
trans-1,3-Dichloropropene	10061-02-6	ND		0.908	-	ND		0.908	-	ND		0.908	-	ND		0.908	-	ND		0.908	-
Trichloroethene	79-01-6	126		1.07	-	7.9		1.07	-	23		1.07	-	54.3		1.07	-	15.3		1.07	-
Trichlorofluoromethane	75-69-4	ND		1.12	-	ND		1.12	-	1.33		1.12	-	1.31		1.12	-	ND		1.12	-
Vinyl bromide	593-60-2	ND		0.874	-	ND		0.874	-	ND		0.874	-	ND		0.874	-	ND		0.874	-
Vinyl chloride	75-01-4	ND		0.511	-	ND		0.511	-	ND		0.511	-	ND		0.511	-	ND		0.511	-
VOLATILE ORGANICS IN AIR BY SIM																					
1,3-Butadiene	106-99-0	ND		0.044	-	-		-	-	-		-	-	-		-	-	ND		0.044	-

* Comparison is not performed on parameters with non-numeric criteria.

Table 4 - Soil Vapor Analytical Results
Standard Motor Products, Inc.
Long Island City, Queens, New York
NYSDEC BCP Site No. 241016

SAMPLE LOCATION:		SG-08				SG-08				SG-08				SG-08				SG-08			
LAB ID:		L2408841-08				L2425675-08				L2425675-08 R1				L2449467-08				L2464558-02			
COLLECTION DATE:		2/16/2024				5/8/2024				5/8/2024				8/28/2024				11/5/2024			
SAMPLE MATRIX:		SOIL_VAPOR				SOIL_VAPOR				SOIL_VAPOR				SOIL_VAPOR				SOIL_VAPOR			
ANALYTE	**CAS**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
VOLATILE ORGANICS IN AIR																					
1,1,1-Trichloroethane	71-55-6	405		13.1	-	3090		24.9	-	-	-	-	-	5270		152	-	1080		35.2	-
1,1,2,2-Tetrachloroethane	79-34-5	ND		16.5	-	ND		31.4	-	-	-	-	-	ND		191	-	ND		44.4	-
1,1,2-Trichloroethane	79-00-5	ND		13.1	-	ND		24.9	-	-	-	-	-	ND		152	-	ND		35.2	-
1,1-Dichloroethane	75-34-3	120		9.75	-	753		18.5	-	-	-	-	-	988		113	-	206		26.1	-
1,1-Dichloroethene	75-35-4	10.8		9.56	-	40.8		18.1	-	-	-	-	-	ND		110	-	ND		25.6	-
1,2,4-Trichlorobenzene	120-82-1	ND		17.9	-	ND		33.9	-	-	-	-	-	ND		206	-	ND		48	-
1,2,4-Trimethylbenzene	95-63-6	ND		11.8	-	ND		22.5	-	-	-	-	-	ND		137	-	ND		31.8	-
1,2-Dibromoethane	106-93-4	ND		18.5	-	ND		35.1	-	-	-	-	-	ND		214	-	ND		49.6	-
1,2-Dichlorobenzene	95-50-1	ND		14.5	-	ND		27.5	-	-	-	-	-	ND		167	-	ND		38.8	-
1,2-Dichloroethane	107-06-2	ND		9.75	-	ND		18.5	-	-	-	-	-	ND		113	-	ND		26.1	-
1,2-Dichloropropane	78-87-5	ND		11.1	-	ND		21.1	-	-	-	-	-	ND		128	-	ND		29.9	-
1,3,5-Trimethylbenzene	108-67-8	ND		11.8	-	ND		22.5	-	-	-	-	-	ND		137	-	ND		31.8	-
1,3-Butadiene	106-99-0	ND		5.33	-	ND		10.1	-	-	-	-	-	ND		61.5	-	-		-	-
1,3-Dichlorobenzene	541-73-1	ND		14.5	-	ND		27.5	-	-	-	-	-	ND		167	-	ND		38.8	-
1,4-Dichlorobenzene	106-46-7	ND		14.5	-	ND		27.5	-	-	-	-	-	ND		167	-	ND		38.8	-
1,4-Dioxane	123-91-1	ND		8.68	-	ND		16.5	-	-	-	-	-	ND		100	-	ND		23.3	-
2,2,4-Trimethylpentane	540-84-1	ND		11.3	-	ND		21.3	-	-	-	-	-	ND		130	-	ND		30.2	-
2-Butanone	78-93-3	ND		17.8	-	ND		33.6	-	-	-	-	-	ND		205	-	ND		47.8	-
2-Hexanone	591-78-6	ND		9.88	-	ND		18.7	-	-	-	-	-	ND		114	-	ND		26.5	-
3-Chloropropene	107-05-1	ND		7.54	-	ND		14.3	-	-	-	-	-	ND		87	-	ND		20.2	-
4-Ethyltoluene	622-96-8	ND		11.8	-	ND		22.5	-	-	-	-	-	ND		137	-	ND		31.8	-
4-Methyl-2-pentanone	108-10-1	ND		24.7	-	ND		46.7	-	-	-	-	-	ND		284	-	ND		66.4	-
Acetone	67-64-1	ND		28.7	-	ND		54.4	-	-	-	-	-	ND		330	-	ND		76.7	-
Benzene	71-43-2	ND		7.7	-	ND		14.6	-	-	-	-	-	ND		88.8	-	ND		20.6	-
Benzyl chloride	100-44-7	ND		12.5	-	ND		23.7	-	-	-	-	-	ND		144	-	ND		33.4	-
Bromodichloromethane	75-27-4	ND		16.1	-	ND		30.6	-	-	-	-	-	ND		186	-	ND		43.3	-
Bromoform	75-25-2	ND		24.9	-	ND		47.3	-	-	-	-	-	ND		287	-	ND		66.8	-
Bromomethane	74-83-9	ND		9.36	-	ND		17.7	-	-	-	-	-	ND		108	-	ND		25.1	-
Carbon disulfide	75-15-0	ND		7.51	-	ND		14.2	-	-	-	-	-	ND		86.6	-	ND		20.1	-
Carbon tetrachloride	56-23-5	ND		15.2	-	ND		28.7	-	-	-	-	-	ND		175	-	ND		40.6	-
Chlorobenzene	108-90-7	ND		11.1	-	ND		21	-	-	-	-	-	ND		128	-	ND		29.8	-
Chloroethane	75-00-3	ND		6.36	-	ND		12.1	-	-	-	-	-	ND		73.4	-	ND		17	-
Chloroform	67-66-3	ND		11.8	-	ND		22.3	-	-	-	-	-	ND		136	-	ND		31.5	-
Chloromethane	74-87-3	ND		4.98	-	ND		9.44	-	-	-	-	-	ND		57.4	-	ND		13.3	-
cis-1,2-Dichloroethene	156-59-2	81.7		9.56	-	626		18.1	-	-	-	-	-	959		110	-	239		25.6	-
cis-1,3-Dichloropropene	10061-01-5	ND		10.9	-	ND		20.7	-	-	-	-	-	ND		126	-	ND		29.3	-
Cyclohexane	110-82-7	ND		8.3	-	ND		15.7	-	-	-	-	-	ND		95.7	-	ND		22.2	-
Dibromochloromethane	124-48-1	ND		20.5	-	ND		38.9	-	-	-	-	-	ND		237	-	ND		55	-
Dichlorodifluoromethane	75-71-8	ND		11.9	-	ND		22.6	-	-	-	-	-	ND		137	-	ND		31.9	-
Ethanol	64-17-5	ND		114	-	ND		215	-	-	-	-	-	ND		1310	-	ND		305	-
Ethyl Acetate	141-78-6	ND		21.7	-	ND		41.1	-	-	-	-	-	ND		250	-	ND		58.4	-
Ethylbenzene	100-41-4	ND		10.5	-	ND		19.9	-	-	-	-	-	ND		121	-	ND		28.1	-
Freon-113	76-13-1	ND		18.5	-	ND		35	-	-	-	-	-	ND		213	-	ND		49.5	-
Freon-114	76-14-2	ND		16.8	-	ND		31.9	-	-	-	-	-	ND		194	-	ND		45.2	-
Heptane	142-82-5	ND		9.88	-	ND		18.7	-	-	-	-	-	ND		114	-	ND		26.5	-
Hexachlorobutadiene	87-68-3	ND		25.7	-	ND		48.7	-	-	-	-	-	ND		297	-	ND		68.9	-
Isopropanol	67-63-0	ND		14.8	-	ND		28	-	-	-	-	-	592		171	-	ND		39.8	-
Methyl tert butyl ether	1634-04-4	ND		8.69	-	ND		16.5	-	-	-	-	-	ND		100	-	ND		23.3	-
Methylene chloride	75-09-2	ND		20.9	-	ND		39.6	-	-	-	-	-	ND		241	-	ND		56.3	-
n-Hexane	110-54-3	ND		8.49	-	ND		16.1	-	-	-	-	-	ND		98	-	ND		22.8	-
Naphthalene	91-20-3	ND		12.6	-	ND		24	-	-	-	-	-	ND		146	-	ND		33.9	-
o-Xylene	95-47-6	ND		10.5	-	ND		19.9	-	-	-	-	-	ND		121	-	ND		28.1	-
p/m-Xylene	179601-23-1	ND		20.9	-	ND		39.7	-	-	-	-	-	ND		242	-	ND		56	-
Styrene	100-42-5	ND		10.3	-	ND		19.5	-	-	-	-	-	ND		118	-	ND		27.5	-
Tertiary butyl Alcohol	75-65-0	ND		18.3	-	ND		34.6	-	-	-	-	-	612		210	-	ND		49.1	-
Tetrachloroethene	127-18-4	ND		16.3	-	63.7		31	-	-	-	-	-	652		189	-	ND		43.8	-
Tetrahydrofuran	109-99-9	ND		17.8	-	ND		33.6	-	-	-	-	-	ND		205	-	ND		47.8	-
Toluene	108-88-3	ND		9.08	-	ND		17.2	-	-	-	-	-	ND		105	-	ND		24.3	-
trans-1,2-Dichloroethene	156-60-5	ND		9.56	-	23		18.1	-	-	-	-	-	ND		110	-	ND		25.6	-
trans-1,3-Dichloropropene	10061-02-6	ND		10.9	-	ND		20.7	-	-	-	-	-	ND		126	-	ND		29.3	-
Trichloroethene	79-01-6	3120		13	-	21800	E	24.6	-	29200		61.3	-	46600		149	-	14000		34.7	-
Trichlorofluoromethane	75-69-4	ND		13.5	-	ND		25.7	-	-	-	-	-	ND		156	-	ND		36.3	-
Vinyl bromide	593-60-2	ND		10.5	-	ND		20	-	-	-	-	-	ND		122	-	ND		28.2	-
Vinyl chloride	75-01-4	ND		6.16	-	ND		11.7	-	-	-	-	-	ND		71.1	-	ND		16.5	-
VOLATILE ORGANICS IN AIR BY SIM																					
1,3-Butadiene	106-99-0	-		-	-	-		-	-	-		-	-	-		-	-	ND		1.43	-

* Comparison is not performed on parameters with non-numeric criteria.

Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-10		MW-10		MW-10		MW-10	
LAB ID:				E3071-01		F1793-01		G1728-01		H2077-10	
COLLECTION DATE:				7/24/2013		3/26/2014		3/30/2015		3/29/2016	
SAMPLE MATRIX:				Water		Water		Water		Water	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	0.5	U	1	U	1	U	1	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	1	U	1	U	1	U
1,1,2-Trichloroethane	79-00-5	5	100	0.5	U	1	U	1	U	1	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	0.5	U	1	U	1	U	1	U
1,1-Dichloroethane	75-34-3	5	100	0.5	U	1	U	1	U	**0.85**	**J**
1,1-Dichloroethene	75-35-4	5	100	0.5	U	1	U	1	U	1	U
1,2,3-Trichlorobenzene	87-61-6	5	100	0.5	U	1	U	1	U	1	U
1,2,4-Trichlorobenzene	120-82-1	5	100	0.5	U	1	U	1	U	1	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	0.5	U	1	U	1	U	1	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	0.5	U	1	U	1	U	1	U
1,2-Dichlorobenzene	95-50-1	3	60	0.5	U	1	U	1	U	1	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	1	U	1	U	1	U
1,2-Dichloropropane	78-87-5	1	20	0.5	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	0.5	U	1	U	1	U	1	U
1,4-Dichlorobenzene	106-46-7	3	60	0.5	U	1	U	1	U	1	U
1,4-Dioxane	123-91-1	0.35	7	NA		NA		NA		NA	
2-Butanone	78-93-3	50	1000	2.5	U	5	U	**3**	**J**	5	U
2-Hexanone	591-78-6	50	1000	2.5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	2.5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	2.5	U	**37.3**		**9.8**		5	U
Benzene	71-43-2	1	20	**29.3**		**0.51**	**J**	**2.9**		**2.2**	
Bromochloromethane	74-97-5	10	200	0.5	U	1	U	1	U	1	U
Bromodichloromethane	75-27-4	50	1000	0.5	U	1	U	1	U	1	U
Bromoform	75-25-2	50	1000	0.5	U	1	U	1	U	1	U
Bromomethane	74-83-9	5	100	0.5	U	1	U	1	U	1	U
Carbon Disulfide	75-15-0	60	1200	0.5	U	1	U	1	U	1	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	1	U	1	U	1	U
Chlorobenzene	108-90-7	5	100	0.5	U	1	U	1	U	1	U
Chloroethane	75-00-3	5	100	0.5	U	1	U	1	U	1	U
Chloroform	67-66-3	7	140	0.5	U	1	U	1	U	1	U
Chloromethane	74-87-3	5	100	0.5	U	1	U	1	U	1	U
cis-1,2-Dichloroethene	156-59-2	5	100	0.5	U	1	U	1	U	1	U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	1	U	1	U	1	U
Cyclohexane	110-82-7	60	1200	**77.8**		**58.5**		**92.5**		**48.5**	
Dibromochloromethane	124-48-1	50	1000	0.5	U	1	U	1	U	1	U
Dichlorodifluoromethane	75-71-8	5	100	0.5	U	1	U	1	U	1	U
Ethyl Benzene	100-41-4	5	100	**120**	**D**	**49.5**		**110**	**D**	**67.8**	
Isopropylbenzene	98-82-8	5	100	**28.6**		**14.4**		**23.6**		**15.8**	
m/p-Xylenes	179601-23-1	5	100	**76.7**		**25.2**		**67.6**		**9.2**	
Methyl Acetate	79-20-9	5	100	0.5	U	1	U	1	U	1	U
Methyl tert-butyl Ether	1634-04-4	10	200	0.5	U	1	U	1	U	1	U
Methylcyclohexane	108-87-2	5	100	**23.5**		**8.2**		**10.5**		**3.1**	
Methylene Chloride	75-09-2	5	100	0.5	U	1	U	1	U	1	U
o-Xylene	95-47-6	0.5	10	**6.4**		**3**		**5.6**		**2.8**	
Styrene	100-42-5	5	100	0.5	U	1	U	1	U	1	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	U	1	U	1	U	1	U
Tetrachloroethene	127-18-4	5	100	0.5	U	1	U	1	U	**0.65**	**J**
Toluene	108-88-3	5	100	**19.6**		**8.2**		**21.2**		**8.1**	
trans-1,2-Dichloroethene	156-60-5	5	100	0.5	U	1	U	1	U	1	U
Trichloroethene	79-01-6	5	100	0.5	U	1	U	1	U	1	U
Trichlorofluoromethane	75-69-4	5	100	0.5	U	1	U	1	U	1	U
Vinyl Chloride	75-01-4	2	40	0.5	U	1	U	1	U	1	U

Notes:

1 - NYSDEC Ambient Water Quality Standards and Guidance Values
for Class GA Groundwater

2 - Duplicate samples was collected from MW-16 for 1,4 Dioxane analysis on 3/29/2019; Higher results was reported in the table.

3 - Duplicate samples was collected from MW-16 for 1,4 Dioxane analysis on 9/26/2019; Higher results was reported in the table.

ug/L - The units are in micrograms per liter.

Conc - Concentration

Q - Laboratory data qualifier.

J - estimated value/data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than the MDL. The concentration given is an approximate value.

D - dilution required

U - non-detect

NA - not analyzed

BOLDED = detection

Exceeds water quality standard

Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-10-DUP		MW-10		MW-10-DUP		MW-10	
LAB ID:				H2077-11		I2509-02		I2509-03		I5497-01	
COLLECTION DATE:				3/29/2016		3/30/2017		3/30/2017		9/27/2017	
SAMPLE MATRIX:				Water		Water		Water		Water	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	1	U	1	U	1	U	1	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	79-00-5	5	100	1	U	1	U	1	U	1	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	1	U	1	U	1	U	1	U
1,1-Dichloroethane	75-34-3	5	100	**0.88**	**J**	**2.4**		**2.3**		**1.1**	
1,1-Dichloroethene	75-35-4	5	100	1	U	1	U	1	U	1	U
1,2,3-Trichlorobenzene	87-61-6	5	100	1	U	1	U	1	U	1	U
1,2,4-Trichlorobenzene	120-82-1	5	100	1	U	1	U	1	U	1	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	1	U	1	U	1	U	1	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene	95-50-1	3	60	1	U	1	U	1	U	1	U
1,2-Dichloroethane	107-06-2	0.6	12	1	U	1	U	1	U	1	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene	106-46-7	3	60	1	U	1	U	1	U	1	U
1,4-Dioxane	123-91-1	0.35	7	NA		NA		NA		NA	
2-Butanone	78-93-3	50	1000	5	U	5	U	5	U	5	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	5	U	5	U	5	U	5	U
Benzene	71-43-2	1	20	**2.2**		**1.5**		**1.5**		1	U
Bromochloromethane	74-97-5	10	200	1	U	1	U	1	U	1	U
Bromodichloromethane	75-27-4	50	1000	1	U	1	U	1	U	1	U
Bromoform	75-25-2	50	1000	1	U	1	U	1	U	1	U
Bromomethane	74-83-9	5	100	1	U	1	U	1	U	1	U
Carbon Disulfide	75-15-0	60	1200	1	U	1	U	1	U	1	U
Carbon Tetrachloride	56-23-5	5	100	1	U	1	U	1	U	1	U
Chlorobenzene	108-90-7	5	100	1	U	1	U	1	U	1	U
Chloroethane	75-00-3	5	100	1	U	1	U	1	U	1	U
Chloroform	67-66-3	7	140	1	U	1	U	1	U	1	U
Chloromethane	74-87-3	5	100	1	U	1	U	1	U	1	U
cis-1,2-Dichloroethene	156-59-2	5	100	1	U	1	U	1	U	1	U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	1	U	1	U	1	U	1	U
Cyclohexane	110-82-7	60	1200	**48.3**		**120**		**120**		1	U
Dibromochloromethane	124-48-1	50	1000	1	U	1	U	1	U	1	U
Dichlorodifluoromethane	75-71-8	5	100	1	U	1	U	1	U	1	U
Ethyl Benzene	100-41-4	5	100	**68**		**190**	**D**	**200**	**D**	1	U
Isopropylbenzene	98-82-8	5	100	**16.4**		**30.4**		**29.6**		**1.6**	
m/p-Xylenes	179601-23-1	5	100	**9.3**		**20.8**		**20**		2	U
Methyl Acetate	79-20-9	5	100	1	U	1	U	1	U	1	U
Methyl tert-butyl Ether	1634-04-4	10	200	1	U	1	U	1	U	1	U
Methylcyclohexane	108-87-2	5	100	**3.2**		**9**		**8.6**		1	U
Methylene Chloride	75-09-2	5	100	1	U	1	U	1	U	1	U
o-Xylene	95-47-6	0.5	10	**2.8**		**6.9**		**6.6**		1	U
Styrene	100-42-5	5	100	1	U	1	U	1	U	1	U
t-1,3-Dichloropropene	10061-02-6	5	100	1	U	1	U	1	U	1	U
Tetrachloroethene	127-18-4	5	100	**0.54**	**J**	1	U	1	U	1	U
Toluene	108-88-3	5	100	**8**		**15.4**		**15.1**		1	U
trans-1,2-Dichloroethene	156-60-5	5	100	1	U	1	U	1	U	1	U
Trichloroethene	79-01-6	5	100	1	U	1	U	1	U	1	U
Trichlorofluoromethane	75-69-4	5	100	1	U	1	U	1	U	1	U
Vinyl Chloride	75-01-4	2	40	1	U	1	U	1	U	1	U

Notes:

1 - NYSDEC Ambient Water Quality Standards and Guidance Values
for Class GA Groundwater

2 - Duplicate samples was collected from MW-16 for 1,4 Dioxane analysis on 3/29/2019; Higher results was reported in th

3 - Duplicate samples was collected from MW-16 for 1,4 Dioxane analysis on 9/26/2019; Higher results was reported in th

ug/L - The units are in micrograms per liter.

Conc - Concentration

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J - estimated value/data indicates the presence of a compound that meets the identification criteria. The result is less tha

D - dilution required

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BOLDED = detection

Exceeds water quality standard

Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-10		MW-10		MW-10		MW-10	
LAB ID:				J2190-01		J5032-01		L1912651-04, R1902765-004		L1944801-01, R1909479-001	
COLLECTION DATE:				4/2/2018		9/20/2018		3/29/2019		9/26/2019	
SAMPLE MATRIX:				Water		Water		Water		Water	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	1	U	1	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	1	U	1	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	5	100	1	U	1	U	1.5	U	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	1	U	1	U	NA		NA	
1,1-Dichloroethane	75-34-3	5	100	1	U	1	U	**1.5**	J	2.5	U
1,1-Dichloroethene	75-35-4	5	100	1	U	1	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	100	1	U	1	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	1	U	1	U	2.5	U	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	1	U	1	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	1	U	1	U	2	U	2	U
1,2-Dichlorobenzene	95-50-1	3	60	1	U	1	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	1	U	1	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	1	U	1	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	60	1	U	1	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1	0.35	7	**0.096**		**0.076**		**0.048**		**0.071**	
2-Butanone	78-93-3	50	1000	5	U	5	U	5	U	5	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	**5.4**		5	U	**42**		**88**	
Benzene	71-43-2	1	20	**2.5**		**20.2**		**27**		**37**	
Bromochloromethane	74-97-5	10	200	1	U	1	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	1000	1	U	1	U	0.5	U	0.5	U
Bromoform	75-25-2	50	1000	1	U	1	U	2	U	2	U
Bromomethane	74-83-9	5	100	1	U	1	U	2.5	U	2.5	U
Carbon Disulfide	75-15-0	60	1200	1	U	1	U	5	U	5	U
Carbon Tetrachloride	56-23-5	5	100	1	U	1	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	5	100	1	U	1	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	100	1	U	1	U	2.5	U	2.5	U
Chloroform	67-66-3	7	140	1	U	1	U	2.5	U	2.5	U
Chloromethane	74-87-3	5	100	1	U	1	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	1	U	1	U	2.5	U	2.5	U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	1	U	1	U	0.5	U	0.5	U
Cyclohexane	110-82-7	60	1200	**36.8**		**23.7**		**61**		**45**	
Dibromochloromethane	124-48-1	50	1000	1	U	1	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	5	100	1	U	1	U	5	U	5	U
Ethyl Benzene	100-41-4	5	100	**10.2**		**0.75**	J	**3.2**		**2**	J
Isopropylbenzene	98-82-8	5	100	**2.7**		**5.5**		**8.4**		**10**	
m/p-Xylenes	179601-23-1	5	100	**5.2**		**7.9**		**10**		**13**	
Methyl Acetate	79-20-9	5	100	1	U	1	U		U	2	U
Methyl tert-butyl Ether	1634-04-4	10	200	1	U	1	U	2.5	U	2.5	U
Methylcyclohexane	108-87-2	5	100	1	U	**1.4**		**4.4**	J	4	U
Methylene Chloride	75-09-2	5	100	1	U	1	U	2.5	U	2.5	U
o-Xylene	95-47-6	0.5	10	**1**		**0.79**	**J**	**0.8**	**J**	**1.1**	**J**
Styrene	100-42-5	5	100	1	U	1	U	2.5	U	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	1	U	1	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	100	1	U	1	U	0.5	U	0.5	U
Toluene	108-88-3	5	100	**7.1**		**7.4**		**10**		**10**	
trans-1,2-Dichloroethene	156-60-5	5	100	1	U	1	U	2.5	U	2.5	U
Trichloroethene	79-01-6	5	100	1	U	1	U	0.5	U	0.5	U
Trichlorofluoromethane	75-69-4	5	100	1	U	1	U	2.5	U	2.5	U
Vinyl Chloride	75-01-4	2	40	1	U	1	U	1	U	1	U

Notes:

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for Class GA Groundwater

2 - Duplicate samples was collected from MW-16 for 1,4 Dioxane analysis on 3/29/2019; Higher results was reported in th

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Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-10		MW-10		MW-10		MW-10	
LAB ID:				L2015387-01, R2003041-001		L2040141-03, R2008919-003		L2052855-03		L2106812-01	
COLLECTION DATE:				4/10/2020		9/23/2020		11/24/2020		2/11/2021	
SAMPLE MATRIX:				Water		Water		GW		GW	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	NA		NA		NA		NA	
1,1-Dichloroethane	75-34-3	5	100	2.5	U	2.5	U	1.8	J	**0.85**	**J**
1,1-Dichloroethene	75-35-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1	U	**0.15**	**J**
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1	0.35	7	**0.1**	U	0.043	U	0.134	U	0.144	U
2-Butanone	78-93-3	50	1000	**3.5**		5	U	5	U	5	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	**8.3**		**100**		**19**		**3.5**	**J**
Benzene	71-43-2	1	20	**4.3**		**2**		**8.8**		**3.3**	
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	75-25-2	50	1000	2	U	2	U	2	U	2	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Carbon Disulfide	75-15-0	60	1200	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	140	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	60	1200	NA		NA		52		NA	
Dibromochloromethane	124-48-1	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	5	100	5	U	5	U	5	U	5	U
Ethyl Benzene	100-41-4	5	100	2.5	U	2.5	U	**1**	**J**	**0.81**	**J**
Isopropylbenzene	98-82-8	5	100	2.5	U	**2**		**41**		**12**	
m/p-Xylenes	179601-23-1	5	100	2.5	U	2.5	U	**3.5**		**10**	
Methyl Acetate	79-20-9	5	100	NA		NA		2	U	NA	
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	2.5	U	**1.9**	J	**0.77**	**J**
Methylcyclohexane	108-87-2	5	100	NA		NA		**9.8**	J	NA	
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	0.5	10	2.5	U	2.5	U	2.5	U	**1.4**	**J**
Styrene	100-42-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	108-88-3	5	100	2.5	U	2.5	U	**3.3**		**3.5**	
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	79-01-6	5	100	**0.7**		0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl Chloride	75-01-4	2	40	1	U	1	U	1	U	1	U

Notes:

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for Class GA Groundwater

2 - Duplicate samples was collected from MW-16 for 1,4 Dioxane analysis on 3/29/2019; Higher results was reported in th

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Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-10		MW-10		MW-10		MW-10-DUP	
LAB ID:				L2126170-01		L2142859-01		L2161697-01		L2161697-02	
COLLECTION DATE:				5/18/2021		8/10/2021		11/9/2021		11/9/2021	
SAMPLE MATRIX:				GW		WATER		WATER		WATER	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	2.5	U	2.5	U	0.71	J
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	NA		NA		NA		NA	
1,1-Dichloroethane	75-34-3	5	100	2.5	U	**1.8**	**J**	**2.3**	**J**	**6.1**	
1,1-Dichloroethene	75-35-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1	0.35	7	0.134	U	0.144	U	**0.0526**	**J**	**0.152**	
2-Butanone	78-93-3	50	1000	5	U	5	U	5	U	5	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	5	U	**8.4**		5	U	5	U
Benzene	71-43-2	1	20	**6.4**		**4.4**		**16**		**8.2**	
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	75-25-2	50	1000	2	U	2	U	2	U	2	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Carbon Disulfide	75-15-0	60	1200	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	140	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	60	1200	NA		NA		NA		NA	
Dibromochloromethane	124-48-1	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	5	100	5	U	5	U	5	U	5	U
Ethyl Benzene	100-41-4	5	100	**8.4**		**7.1**		**1.8**	**J**	**1.3**	**J**
Isopropylbenzene	98-82-8	5	100	**33**		**48**		**52**		**29**	
m/p-Xylenes	179601-23-1	5	100	**12**		**10**		**31**		**15**	
Methyl Acetate	79-20-9	5	100	NA		NA		NA		NA	
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	0.7	J	**0.79**	**J**	**0.7**	**J**
Methylcyclohexane	108-87-2	5	100	NA		NA		NA		NA	
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	0.5	10	**3.1**		1.6	J	**3.7**		**2**	**J**
Styrene	100-42-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	108-88-3	5	100	**9**		**5.7**		**10**		**4.8**	
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	79-01-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl Chloride	75-01-4	2	40	1	U	1	U	1	U	1	U

Notes:

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Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-10		MW-10		MW-10		MW-10	
LAB ID:				L2208232-01		L2227046-01		L2243180-01		L2266928-01	
COLLECTION DATE:				2/16/2022		5/19/2022		8/9/2022		11/28/2022	
SAMPLE MATRIX:				WATER		WATER		WATER		WATER	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	0.79	J	10	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	0.5	U	2	U	0.50	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	6	U	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20							-	
1,1-Dichloroethane	75-34-3	5	100	2.5	U	1.1	J	10	U	**3.2**	
1,1-Dichloroethene	75-35-4	5	100	0.5	U	0.5	U	2	U	0.50	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	10	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	10	U	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	10	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2	U	2	U	8	U	2.0	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	10	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	0.5	U	2	U	0.50	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	4	U	1.0	U
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	2.5	U	10	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	10	U	2.5	U
1,4-Dioxane	123-91-1	0.35	7	**0.105**	J	**0.0571**	J	**0.104**	J	**0.183**	
2-Butanone	78-93-3	50	1000	5	U	5	U	**190**		5.0	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	20	U	5.0	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	20	U	5.0	U
Acetone	67-64-1	50	1000	5	U	5	U	**320**		5.0	U
Benzene	71-43-2	1	20	**18**		**15**		**5.8**		**4.3**	
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	10	U	2.5	U
Bromodichloromethane	75-27-4	50	1000	0.5	U	0.5	U	2	U	0.50	U
Bromoform	75-25-2	50	1000	2	U	2	U	8	U	2.0	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	10	U	2.5	U
Carbon Disulfide	75-15-0	60	1200	5	U	5	U	20	U	5.0	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	0.5	U	2	U	0.50	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	10	U	2.5	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	10	U	**0.94**	**J**
Chloroform	67-66-3	7	140	2.5	U	2.5	U	10	U	2.5	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	10	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	2.5	U	2.5	U	10	U	2.5	U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	0.5	U	2	U	0.50	U
Cyclohexane	110-82-7	60	1200				U			-	
Dibromochloromethane	124-48-1	50	1000	0.5	U	0.5	U	2	U	0.50	U
Dichlorodifluoromethane	75-71-8	5	100	5	U	5	U	20	U	5.0	U
Ethyl Benzene	100-41-4	5	100	**8.7**		**10**		**180**		**70**	
Isopropylbenzene	98-82-8	5	100	**60**		**57**		**56**		**34**	
m/p-Xylenes	179601-23-1	5	100	**140**		**66**		**110**		**2.2**	**J**
Methyl Acetate	79-20-9	5	100				U			-	
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	2.5	U	10	U	2.5	U
Methylcyclohexane	108-87-2	5	100				U			-	
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	10	U	2.5	U
o-Xylene	95-47-6	0.5	10	**15**		**8.3**		**11**		2.5	U
Styrene	100-42-5	5	100	2.5	U	2.5	U	10	U	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	U	0.5	U	2	U	0.50	U
Tetrachloroethene	127-18-4	5	100	0.5	U	0.5	U	2	U	**1.5**	
Toluene	108-88-3	5	100	**25**		**20**		**19**		**6.9**	
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	10	U	2.5	U
Trichloroethene	79-01-6	5	100	0.5	U	0.5	U	2	U	0.50	U
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	10	U	2.5	U
Vinyl Chloride	75-01-4	2	40	1	U	1	U	4	U	1.0	U

Notes:

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for Class GA Groundwater

2 - Duplicate samples was collected from MW-16 for 1,4 Dioxane analysis on 3/29/2019; Higher results was reported in th

3 - Duplicate samples was collected from MW-16 for 1,4 Dioxane analysis on 9/26/2019; Higher results was reported in th

ug/L - The units are in micrograms per liter.

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D - dilution required

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BOLDED = detection

Exceeds water quality standard

Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-10		MW-10		MW-10-DUP		MW-10	
LAB ID:				L2306398-01		L2327192-01		L2327192-08		L2348798-01	
COLLECTION DATE:				02/06/2023		05/16/2023		05/16/2023		08/22/2023	
SAMPLE MATRIX:				WATER		WATER		WATER		WATER	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	**1.2**	**J**	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.50	U	0.50	U	0.50	U	0.50	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	2.5	U	-		-		-	
1,1-Dichloroethane	75-34-3	5	100	**1.8**	**J**	2.5	U	**2.2**	**J**	2.5	U
1,1-Dichloroethene	75-35-4	5	100	0.50	U	0.50	U	0.50	U	0.50	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2.0	U	2.0	U	2.0	U	2.0	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dichloropropane	78-87-5	1	20	1.0	U	1.0	U	1.0	U	1.0	U
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1	0.35	7	**0.133**	**J**	0.139	U	**0.102**	**J**	**0.0534**	**J**
2-Butanone	78-93-3	50	1000	5.0	U	5.0	U	5.0	U	**150**	
2-Hexanone	591-78-6	50	1000	5.0	U	5.0	U	5.0	U	**1.1**	**J**
4-Methyl-2-Pentanone	108-10-1	5	100	5.0	U	5.0	U	5.0	U	**3.7**	**J**
Acetone	67-64-1	50	1000	5.0	U	5.0	U	5.0	U	**160**	
Benzene	71-43-2	1	20	**3.5**		**5.2**		**4.8**		**3.9**	
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	1000	0.50	U	0.50	U	0.50	U	0.50	U
Bromoform	75-25-2	50	1000	2.0	U	2.0	U	2.0	U	2.0	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	2.5	U	**2.1**	**J**
Carbon Disulfide	75-15-0	60	1200	5.0	U	5.0	U	5.0	U	5.0	U
Carbon Tetrachloride	56-23-5	5	100	0.50	U	0.50	U	0.50	U	0.50	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	140	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.50	U	0.50	U	0.50	U	0.50	U
Cyclohexane	110-82-7	60	1200	**150**		-		-		-	
Dibromochloromethane	124-48-1	50	1000	0.50	U	0.50	U	0.50	U	0.50	U
Dichlorodifluoromethane	75-71-8	5	100	5.0	U	5.0	U	5.0	U	5.0	U
Ethyl Benzene	100-41-4	5	100	**22**		**1.8**	**J**	**3.4**		**8.0**	
Isopropylbenzene	98-82-8	5	100	**47**		**27**		**31**		**56**	
m/p-Xylenes	179601-23-1	5	100	**30**		**15**		**20**		**16**	
Methyl Acetate	79-20-9	5	100	2.0	U	-		-		-	
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Methylcyclohexane	108-87-2	5	100	**30**		-		-		-	
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	0.5	10	**4.7**		**2.9**		**4.4**		**5.0**	
Styrene	100-42-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.50	U	0.50	U	0.50	U	0.50	U
Tetrachloroethene	127-18-4	5	100	0.50	U	0.50	U	0.50	U	0.50	U
Toluene	108-88-3	5	100	**9.7**		**9.2**		**10**		**11**	
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	79-01-6	5	100	0.50	U	0.50	U	0.50	U	0.50	U
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl Chloride	75-01-4	2	40	1.0	U	1.0	U	1.0	U	1.0	U

Notes:

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for Class GA Groundwater

2 - Duplicate samples was collected from MW-16 for 1,4 Dioxane analysis on 3/29/2019; Higher results was reported in th

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Exceeds water quality standard

Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-10		MW-11S		MW-11S		MW-11S	
LAB ID:				L2367455-01		E3071-02		F1793-02		G1728-02	
COLLECTION DATE:				11/13/2023		7/24/2013		3/26/2014		3/30/2015	
SAMPLE MATRIX:				WATER		Water		Water		Water	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	**180**	**D**	**0.76**	**J**	1	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.50	U	0.5	U	1	U	1	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	**1.6**		1	U	1	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	-		0.5	U	1	U	1	U
1,1-Dichloroethane	75-34-3	5	100	**3.6**		**110**	**D**	**0.88**	**J**	1	U
1,1-Dichloroethene	75-35-4	5	100	0.50	U	**5.3**		1	U	1	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	0.5	U	1	U	1	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	0.5	U	1	U	1	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	0.5	U	1	U	1	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2.0	U	0.5	U	1	U	1	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	0.5	U	1	U	1	U
1,2-Dichloroethane	107-06-2	0.6	12	0.50	U	0.5	U	1	U	1	U
1,2-Dichloropropane	78-87-5	1	20	1.0	U	0.5	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	0.5	U	1	U	1	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	0.5	U	1	U	1	U
1,4-Dioxane	123-91-1	0.35	7	**0.112**	**J**	NA		NA		NA	
2-Butanone	78-93-3	50	1000	5.0	U	2.5	U	5	U	5	U
2-Hexanone	591-78-6	50	1000	5.0	U	2.5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5.0	U	2.5	U	5	U	5	U
Acetone	67-64-1	50	1000	5.0	U	2.5	U	**11.9**		**7.6**	
Benzene	71-43-2	1	20	**2.5**		**2.6**		1	U	1	U
Bromochloromethane	74-97-5	10	200	2.5	U	0.5	U	1	U	1	U
Bromodichloromethane	75-27-4	50	1000	0.50	U	0.5	U	1	U	1	U
Bromoform	75-25-2	50	1000	2.0	U	0.5	U	1	U	1	U
Bromomethane	74-83-9	5	100	2.5	U	0.5	U	1	U	1	U
Carbon Disulfide	75-15-0	60	1200	5.0	U	0.5	U	1	U	1	U
Carbon Tetrachloride	56-23-5	5	100	0.50	U	0.5	U	1	U	1	U
Chlorobenzene	108-90-7	5	100	2.5	U	0.5	U	1	U	1	U
Chloroethane	75-00-3	5	100	2.5	U	0.5	U	1	U	1	U
Chloroform	67-66-3	7	140	2.5	U	**1.2**		1	U	1	U
Chloromethane	74-87-3	5	100	2.5	U	0.5	U	1	U	1	U
cis-1,2-Dichloroethene	156-59-2	5	100	2.5	U	**150**	**D**	**1.3**		1	U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.50	U	0.5	U	1	U	1	U
Cyclohexane	110-82-7	60	1200	-		0.5	U	1	U	1	U
Dibromochloromethane	124-48-1	50	1000	0.50	U	0.5	U	1	U	1	U
Dichlorodifluoromethane	75-71-8	5	100	5.0	U	0.5	U	1	U	1	U
Ethyl Benzene	100-41-4	5	100	**3.3**		0.5	U	1	U	1	U
Isopropylbenzene	98-82-8	5	100	**35**		0.5	U	1	U	1	U
m/p-Xylenes	179601-23-1	5	100	**7.6**		1	U	2	U	2	U
Methyl Acetate	79-20-9	5	100	-		0.5	U	1	U	1	U
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	0.5	U	1	U	1	U
Methylcyclohexane	108-87-2	5	100	-		0.5	U	1	U	1	U
Methylene Chloride	75-09-2	5	100	2.5	U	0.5	U	1	U	1	U
o-Xylene	95-47-6	0.5	10	**3.1**		0.5	U	1	U	1	U
Styrene	100-42-5	5	100	2.5	U	0.5	U	1	U	1	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.50	U	0.5	U	1	U	1	U
Tetrachloroethene	127-18-4	5	100	0.50	U	**3.4**		1	U	1	U
Toluene	108-88-3	5	100	**6.1**		0.5	U	1	U	1	U
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	0.5	U	1	U	1	U
Trichloroethene	79-01-6	5	100	0.50	U	**110**	**D**	**6.6**		1	U
Trichlorofluoromethane	75-69-4	5	100	2.5	U	0.5	U	1	U	1	U
Vinyl Chloride	75-01-4	2	40	1.0	U	**16.1**		1	U	1	U

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Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-11S		MW-11S		MW-11S		MW-11S	
LAB ID:				H2077-02		I2509-04		I5497-02		J2190-08	
COLLECTION DATE:				3/29/2016		3/30/2017		9/27/2017		4/2/2018	
SAMPLE MATRIX:				Water		Water		Water		Water	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	1	U	1	U	1	U	1	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	79-00-5	5	100	1	U	1	U	1	U	1	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	1	U	1	U	1	U	1	U
1,1-Dichloroethane	75-34-3	5	100	1	U	1	U	1	U	1	U
1,1-Dichloroethene	75-35-4	5	100	1	U	1	U	1	U	1	U
1,2,3-Trichlorobenzene	87-61-6	5	100	1	U	1	U	1	U	1	U
1,2,4-Trichlorobenzene	120-82-1	5	100	1	U	1	U	1	U	1	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	1	U	1	U	1	U	1	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene	95-50-1	3	60	1	U	1	U	1	U	1	U
1,2-Dichloroethane	107-06-2	0.6	12	1	U	1	U	1	U	1	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene	106-46-7	3	60	1	U	1	U	1	U	1	U
1,4-Dioxane	123-91-1	0.35	7	NA		NA		NA		**0.15**	
2-Butanone	78-93-3	50	1000	5	U	5	U	5	U	5	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	**4.7**	**J**	**13.3**		5	U	**5.4**	
Benzene	71-43-2	1	20	1	U	1	U	1	U	1	U
Bromochloromethane	74-97-5	10	200	1	U	1	U	1	U	1	U
Bromodichloromethane	75-27-4	50	1000	1	U	1	U	1	U	1	U
Bromoform	75-25-2	50	1000	1	U	1	U	1	U	1	U
Bromomethane	74-83-9	5	100	1	U	1	U	1	U	1	U
Carbon Disulfide	75-15-0	60	1200	1	U	1	U	1	U	1	U
Carbon Tetrachloride	56-23-5	5	100	1	U	1	U	1	U	1	U
Chlorobenzene	108-90-7	5	100	1	U	1	U	1	U	1	U
Chloroethane	75-00-3	5	100	1	U	1	U	1	U	1	U
Chloroform	67-66-3	7	140	1	U	1	U	1	U	1	U
Chloromethane	74-87-3	5	100	1	U	1	U	1	U	1	U
cis-1,2-Dichloroethene	156-59-2	5	100	1	U	**0.28**	**J**	1	U	**1.9**	
cis-1,3-Dichloropropene	10061-01-5	0.4	8	1	U	1	U	1	U	1	U
Cyclohexane	110-82-7	60	1200	1	U	1	U	1	U	1	U
Dibromochloromethane	124-48-1	50	1000	1	U	1	U	1	U	1	U
Dichlorodifluoromethane	75-71-8	5	100	1	U	1	U	1	U	1	U
Ethyl Benzene	100-41-4	5	100	1	U	**0.33**	**J**	1	U	1	U
Isopropylbenzene	98-82-8	5	100	1	U	1	U	1	U	1	U
m/p-Xylenes	179601-23-1	5	100	2	U	2	U	2	U	2	U
Methyl Acetate	79-20-9	5	100	1	U	1	U	1	U	1	U
Methyl tert-butyl Ether	1634-04-4	10	200	1	U	1	U	1	U	1	U
Methylcyclohexane	108-87-2	5	100	1	U	1	U	1	U	1	U
Methylene Chloride	75-09-2	5	100	1	U	1	U	1	U	1	U
o-Xylene	95-47-6	0.5	10	1	U	1	U	1	U	1	U
Styrene	100-42-5	5	100	1	U	1	U	1	U	1	U
t-1,3-Dichloropropene	10061-02-6	5	100	1	U	1	U	1	U	1	U
Tetrachloroethene	127-18-4	5	100	**0.37**	**J**	2	U	1	U	1	U
Toluene	108-88-3	5	100	1	U	1	U	1	U	1	U
trans-1,2-Dichloroethene	156-60-5	5	100	1	U	1	U	1	U	1	U
Trichloroethene	79-01-6	5	100	1	U	**1.9**		1	U	1	U
Trichlorofluoromethane	75-69-4	5	100	1	U	1	U	1	U	1	U
Vinyl Chloride	75-01-4	2	40	1	U	1	U	1	U	1	U

Notes:

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for Class GA Groundwater

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Q - Laboratory data qualifier.

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D - dilution required

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NA - not analyzed

BOLDED = detection

Exceeds water quality standard

Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-11S		MW-11S		MW-11S DUP		MW-11S	
LAB ID:				J5032-07		L1912651-01, R1902765-001		L1912651-11		L1944801-05, R1909479-005	
COLLECTION DATE:				9/20/2018		3/29/2019		3/28/2019		9/26/2019	
SAMPLE MATRIX:				Water		Water		Water		Water	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	1	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	1	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	5	100	1	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	1	U	NA		NA		NA	
1,1-Dichloroethane	75-34-3	5	100	1	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	100	1	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	100	1	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	1	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	1	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	1	U	2	U	2	U	2	U
1,2-Dichlorobenzene	95-50-1	3	60	1	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	1	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	1	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	60	1	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1	0.35	7	**0.27**		**0.31**		**0.31**		**0.33**	
2-Butanone	78-93-3	50	1000	5	U	5	U	5	U	**3.8**	J
2-Hexanone	591-78-6	50	1000	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	5	U	**44**		**44**		**90**	
Benzene	71-43-2	1	20	1	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	74-97-5	10	200	1	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	1000	1	U	0.5	U	0.5	U	0.5	U
Bromoform	75-25-2	50	1000	1	U	2	U	2	U	2	U
Bromomethane	74-83-9	5	100	1	U	2.5	U	2.5	U	2.5	U
Carbon Disulfide	75-15-0	60	1200	1	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	5	100	1	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	5	100	1	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	100	1	U	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	140	1	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3	5	100	1	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	1	U	**3.8**		**3.8**		**2.3**	**J**
cis-1,3-Dichloropropene	10061-01-5	0.4	8	1	U	0.5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	60	1200	1	U		U		U	10	U
Dibromochloromethane	124-48-1	50	1000	1	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	5	100	1	U	5	U	5	U	5	U
Ethyl Benzene	100-41-4	5	100	1	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	100	1	U	2.5	U	2.5	U	2.5	U
m/p-Xylenes	179601-23-1	5	100	2	U	2.5	U	2.5	U	2.5	U
Methyl Acetate	79-20-9	5	100	1	U		U		U	2	U
Methyl tert-butyl Ether	1634-04-4	10	200	1	U	2.5	U	2.5	U	2.5	U
Methylcyclohexane	108-87-2	5	100	1	U		U		U	10	U
Methylene Chloride	75-09-2	5	100	1	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	0.5	10	1	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	100	1	U	2.5	U	2.5	U	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	1	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	100	1	U	0.5	U	0.5	U	0.5	U
Toluene	108-88-3	5	100	1	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	100	1	U	2.5	U	2.5	U	2.5	U
Trichloroethene	79-01-6	5	100	1	U	**0.24**	**J**	**0.24**	**J**	0.5	U
Trichlorofluoromethane	75-69-4	5	100	1	U	2.5	U	2.5	U	2.5	U
Vinyl Chloride	75-01-4	2	40	1	U	1	U	1	U	1	U

Notes:

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Exceeds water quality standard

Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-11S DUP		MW-11S		MW-11S DUP		MW-11S	
LAB ID:				L1944801-08		L2013878-10, R2002658-001		L2013878-07		L2040141-04, R2008919-005	
COLLECTION DATE:				9/26/2019		3/30/2020		3/30/2020		9/23/2020	
SAMPLE MATRIX:				Water		Water		Water		Water	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	NA		NA		NA		NA	
1,1-Dichloroethane	75-34-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1	0.35	7	NA		250	U	**0.17**		**0.17**	
2-Butanone	78-93-3	50	1000	**5**	U	5	U	**2.2**		**2.2**	**J**
2-Hexanone	591-78-6	50	1000	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	**100**		**5**		**110**		**100**	
Benzene	71-43-2	1	20	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	75-25-2	50	1000	2	U	2	U	2	U	2	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Carbon Disulfide	75-15-0	60	1200	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	140	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	**2.1**	**J**	2.5	U	2.5	U	2.5	U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	60	1200		U	NA		NA		NA	
Dibromochloromethane	124-48-1	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	5	100	5	U	5	U	5	U	5	U
Ethyl Benzene	100-41-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	100	2.5	U	2.5	U	2.5	U	2.5	U
m/p-Xylenes	179601-23-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Methyl Acetate	79-20-9	5	100		U	NA		NA		NA	
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Methylcyclohexane	108-87-2	5	100		U	NA		NA		NA	
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	0.5	10	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	108-88-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	79-01-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl Chloride	75-01-4	2	40	1	U	1	U	1	U	1	U

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Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-11S DUP		MW-11S		MW-11S		MW-11S	
LAB ID:				L2040141-05		L2052855-04		L2106812-02		L2126170-05	
COLLECTION DATE:				9/23/2020		11/25/2020		2/11/2021		5/18/2021	
SAMPLE MATRIX:				Water		GW		GW		GW	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	NA		2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	NA		0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	5	100	NA		1.5	U	1.5	U	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	NA		NA		NA		NA	
1,1-Dichloroethane	75-34-3	5	100	NA		2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	100	NA		0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	100	NA		2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	NA		2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	NA		2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	NA		2	U	2	U	2	U
1,2-Dichlorobenzene	95-50-1	3	60	NA		2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	NA		0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	1	20	NA		1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	NA		2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	60	NA		2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1	0.35	7	NA		**0.0816**	**J**	0.15	U	**0.318**	
2-Butanone	78-93-3	50	1000	NA		5	U	5	U	5	U
2-Hexanone	591-78-6	50	1000	NA		5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	NA		5	U	5	U	5	U
Acetone	67-64-1	50	1000	NA		5	U	5	U	5	U
Benzene	71-43-2	1	20	NA		0.5	U	0.5	U	0.5	U
Bromochloromethane	74-97-5	10	200	NA		2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	1000	NA		0.5	U	0.5	U	0.5	U
Bromoform	75-25-2	50	1000	2	U	2	U	2	U	2	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Carbon Disulfide	75-15-0	60	1200	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	140	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	60	1200	NA		10	U	NA		NA	
Dibromochloromethane	124-48-1	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	5	100	5	U	5	U	5	U	5	U
Ethyl Benzene	100-41-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	100	2.5	U	2.5	U	2.5	U	2.5	U
m/p-Xylenes	179601-23-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Methyl Acetate	79-20-9	5	100	NA		2	U	NA		NA	
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Methylcyclohexane	108-87-2	5	100	NA		10	U	NA		NA	
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	0.5	10	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	108-88-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	79-01-6	5	100	0.5	U	**0.36**	**J**	**0.23**	**J**	**0.64**	
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl Chloride	75-01-4	2	40	1	U	1	U	1	U	0.09	J

Notes:

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D - dilution required

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Exceeds water quality standard

Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-11S		MW-11S		MW-11S		MW-11S	
LAB ID:				L2142859-02		L2161998-01		L2208690-01		L2227046-02	
COLLECTION DATE:				8/10/2021		11/10/2021		2/17/2022		5/19/2022	
SAMPLE MATRIX:				WATER		WATER		WATER		WATER	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	2.5	U	2.5	U	3.2	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	NA		NA					
1,1-Dichloroethane	75-34-3	5	100	2.5	U	2.5	U	2.5	U	1.2	J
1,1-Dichloroethene	75-35-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1	0.35	7	**0.358**		**0.365**		**0.441**	U	**1.33**	
2-Butanone	78-93-3	50	1000	5	U	5	U	5	U	5	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	5	U	5	U	5	U	5	U
Benzene	71-43-2	1	20	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	75-25-2	50	1000	2	U	2	U	2	U	2	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Carbon Disulfide	75-15-0	60	1200	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	140	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	60	1200	NA		NA					
Dibromochloromethane	124-48-1	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	5	100	5	U	5	U	5	U	5	U
Ethyl Benzene	100-41-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	100	2.5	U	2.5	U	2.5	U	2.5	U
m/p-Xylenes	179601-23-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Methyl Acetate	79-20-9	5	100	NA		NA					
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Methylcyclohexane	108-87-2	5	100	NA		NA					
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	0.5	10	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	108-88-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	79-01-6	5	100	**0.96**		**2.6**		0.5	U	4.1	U
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl Chloride	75-01-4	2	40	1	U	0.49	J	1	U	1	U

Notes:

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Exceeds water quality standard

Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-11S		MW-11S		MW-11S		MW-11S	
LAB ID:				L2243180-02		L2272483-01		L2306398-02		L2327192-02	
COLLECTION DATE:				8/9/2022		12/23/2022		02/06/2023		05/16/2023	
SAMPLE MATRIX:				WATER		WATER		WATER		WATER	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	4.1	U	**0.77**	**J**	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	0.5	U	0.50	U	0.50	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20					2.5	U	-	
1,1-Dichloroethane	75-34-3	5	100	2.5	U	1.4	J	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	100	0.5	U	0.5	U	0.50	U	0.50	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2	U	2	U	2.0	U	2.0	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	0.5	U	0.50	U	0.50	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1.0	U	1.0	U
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1	0.35	7	**0.725**		**3.44**		**0.686**		**0.588**	
2-Butanone	78-93-3	50	1000	5	U	5	U	5.0	U	5.0	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	5.0	U	5.0	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5.0	U	5.0	U
Acetone	67-64-1	50	1000	1.7	J	5	U	5.0	U	5.0	U
Benzene	71-43-2	1	20	0.5	U	0.5	U	0.50	U	0.50	U
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	1000	0.5	U	0.5	U	0.50	U	0.50	U
Bromoform	75-25-2	50	1000	2	U	2	U	2.0	U	2.0	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Carbon Disulfide	75-15-0	60	1200	5	U	5	U	5.0	U	5.0	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	0.5	U	0.50	U	0.50	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	140	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	2.5	U	**0.88**	J	2.5	U	2.5	U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	0.5	U	0.50	U	0.50	U
Cyclohexane	110-82-7	60	1200					10	U	-	
Dibromochloromethane	124-48-1	50	1000	0.5	U	0.5	U	0.50	U	0.50	U
Dichlorodifluoromethane	75-71-8	5	100	5	U	5	U	5.0	U	5.0	U
Ethyl Benzene	100-41-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	100	2.5	U	2.5	U	2.5	U	2.5	U
m/p-Xylenes	179601-23-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Methyl Acetate	79-20-9	5	100					2.0	U	-	
Methyl tert-butyl Ether	1634-04-4	10	200	ND	U	2.5	U	2.5	U	2.5	U
Methylcyclohexane	108-87-2	5	100					10	U	-	
Methylene Chloride	75-09-2	5	100	ND	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	0.5	10	ND	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	100	ND	U	2.5	U	2.5	U	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	ND	U	0.5	U	0.50	U	0.50	U
Tetrachloroethene	127-18-4	5	100	ND	U	0.38	J	0.50	U	0.50	U
Toluene	108-88-3	5	100	ND	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	100	ND	U	1.1	J	2.5	U	2.5	U
Trichloroethene	79-01-6	5	100	1.4	U	**5.1**		**3.0**		**2.1**	
Trichlorofluoromethane	75-69-4	5	100	ND	U	2.5	U	2.5	U	2.5	U
Vinyl Chloride	75-01-4	2	40	ND	U	1	U	**0.08**	**J**	**0.13**	**J**

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Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-11S		MW-11S		MW-11S DUP		MW-16	
LAB ID:				L2349034-02		L2367455-02		L2367455-10		F1793-03	
COLLECTION DATE:				08/23/2023		11/13/2023		11/13/2023		3/26/2014	
SAMPLE MATRIX:				WATER		WATER		WATER		Water	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	**1.2**	**J**	2.5	U	2.5	U	1	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.50	U	0.50	U	0.50	U	1	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	1.5	U	1	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	-		-		-		1	U
1,1-Dichloroethane	75-34-3	5	100	2.5	U	2.5	U	2.5	U	1	U
1,1-Dichloroethene	75-35-4	5	100	0.50	U	0.50	U	0.50	U	1	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	2.5	U	1	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	2.5	U	1	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	2.5	U	1	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2.0	U	2.0	U	2.0	U	1	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	2.5	U	1	U
1,2-Dichloroethane	107-06-2	0.6	12	0.50	U	0.50	U	0.50	U	1	U
1,2-Dichloropropane	78-87-5	1	20	1.0	U	1.0	U	1.0	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	2.5	U	2.5	U	1	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	2.5	U	1	U
1,4-Dioxane	123-91-1	0.35	7	**0.445**		**0.326**		**0.339**		NA	
2-Butanone	78-93-3	50	1000	5.0	U	5.0	U	5.0	U	5	U
2-Hexanone	591-78-6	50	1000	5.0	U	5.0	U	5.0	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5.0	U	5.0	U	5.0	U	5	U
Acetone	67-64-1	50	1000	5.0	U	5.0	U	5.0	U	**24.4**	
Benzene	71-43-2	1	20	0.50	U	0.50	U	0.50	U	1	U
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	2.5	U	1	U
Bromodichloromethane	75-27-4	50	1000	0.50	U	0.50	U	0.50	U	1	U
Bromoform	75-25-2	50	1000	2.0	U	2.0	U	2.0	U	1	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	2.5	U	1	U
Carbon Disulfide	75-15-0	60	1200	5.0	U	5.0	U	5.0	U	1	U
Carbon Tetrachloride	56-23-5	5	100	0.50	U	0.50	U	0.50	U	1	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	2.5	U	1	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	2.5	U	1	U
Chloroform	67-66-3	7	140	2.5	U	2.5	U	2.5	U	1	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	2.5	U	1	U
cis-1,2-Dichloroethene	156-59-2	5	100	**0.93**	**J**	2.5	U	2.5	U	**1.5**	
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.50	U	0.50	U	0.50	U	1	U
Cyclohexane	110-82-7	60	1200	-		-		-		1	U
Dibromochloromethane	124-48-1	50	1000	0.50	U	0.50	U	0.50	U	1	U
Dichlorodifluoromethane	75-71-8	5	100	5.0	U	5.0	U	5.0	U	1	U
Ethyl Benzene	100-41-4	5	100	2.5	U	2.5	U	2.5	U	1	U
Isopropylbenzene	98-82-8	5	100	2.5	U	2.5	U	2.5	U	1	U
m/p-Xylenes	179601-23-1	5	100	2.5	U	2.5	U	2.5	U	2	U
Methyl Acetate	79-20-9	5	100	-		-		-		1	U
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	2.5	U	2.5	U	1	U
Methylcyclohexane	108-87-2	5	100	-		-		-		1	U
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	2.5	U	1	U
o-Xylene	95-47-6	0.5	10	2.5	U	2.5	U	2.5	U	1	U
Styrene	100-42-5	5	100	2.5	U	2.5	U	2.5	U	1	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.50	U	0.50	U	0.50	U	1	U
Tetrachloroethene	127-18-4	5	100	0.50	U	0.50	U	0.50	U	1	U
Toluene	108-88-3	5	100	2.5	U	2.5	U	2.5	U	1	U
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	2.5	U	1	U
Trichloroethene	79-01-6	5	100	**5.6**		**1.2**		**1.4**		1	U
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	2.5	U	1	U
Vinyl Chloride	75-01-4	2	40	**0.40**	**J**	**1.2**		**1.4**		**15.9**	

Notes:

1 - NYSDEC Ambient Water Quality Standards and Guidance Values
for Class GA Groundwater

2 - Duplicate samples was collected from MW-16 for 1,4 Dioxane analysis on 3/29/2019; Higher results was reported in th

3 - Duplicate samples was collected from MW-16 for 1,4 Dioxane analysis on 9/26/2019; Higher results was reported in th

ug/L - The units are in micrograms per liter.

Conc - Concentration

Q - Laboratory data qualifier.

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D - dilution required

U - non-detect

NA - not analyzed

BOLDED = detection

Exceeds water quality standard

Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-16	MW-16	MW-16	MW-16
LAB ID:				G1728-03	H2077-09	I2509-07	I5497-03
COLLECTION DATE:				3/30/2015	3/29/2016	3/30/2017	9/27/2017
SAMPLE MATRIX:				Water	Water	Water	Water
UNITS:				Conc. (ug/L)	Conc. (ug/L)	Conc. (ug/L)	Conc. (ug/L)
COMPOUND	**CAS #**	**ug/L**	**ug/L**				
1,1,1-Trichloroethane	71-55-6	5	100	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	79-00-5	5	100	1 U	1 U	1 U	1 U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	1 U	1 U	1 U	1 U
1,1-Dichloroethane	75-34-3	5	100	1 U	**0.52 J**	1 U	1 U
1,1-Dichloroethene	75-35-4	5	100	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	87-61-6	5	100	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	120-82-1	5	100	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	1 U	1 U	1 U	1 U
1,2-Dibromoethane	106-93-4	0.0006	0.012	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	95-50-1	3	60	1 U	1 U	1 U	1 U
1,2-Dichloroethane	107-06-2	0.6	12	1 U	1 U	1 U	1 U
1,2-Dichloropropane	78-87-5	1	20	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	541-73-1	3	60	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	106-46-7	3	60	1 U	1 U	1 U	1 U
1,4-Dioxane	123-91-1	0.35	7	NA	NA	NA	NA
2-Butanone	78-93-3	50	1000	5 U	5 U	5 U	5 U
2-Hexanone	591-78-6	50	1000	5 U	5 U	5 U	5 U
4-Methyl-2-Pentanone	108-10-1	5	100	5 U	5 U	5 U	5 U
Acetone	67-64-1	50	1000	**6.1**	**7.8**	**8.3**	5 U
Benzene	71-43-2	1	20	1 U	**7.5**	1 U	1 U
Bromochloromethane	74-97-5	10	200	1 U	1 U	1 U	1 U
Bromodichloromethane	75-27-4	50	1000	1 U	1 U	1 U	1 U
Bromoform	75-25-2	50	1000	1 U	1 U	1 U	1 U
Bromomethane	74-83-9	5	100	1 U	1 U	1 U	1 U
Carbon Disulfide	75-15-0	60	1200	1 U	1 U	1 U	1 U
Carbon Tetrachloride	56-23-5	5	100	1 U	1 U	1 U	1 U
Chlorobenzene	108-90-7	5	100	1 U	1 U	1 U	1 U
Chloroethane	75-00-3	5	100	1 U	1 U	1 U	1 U
Chloroform	67-66-3	7	140	1 U	1 U	1 U	1 U
Chloromethane	74-87-3	5	100	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	156-59-2	5	100	**1.5**	**1.2**	**2.4**	**11.2**
cis-1,3-Dichloropropene	10061-01-5	0.4	8	1 U	1 U	1 U	1 U
Cyclohexane	110-82-7	60	1200	1 U	1 U	1 U	1 U
Dibromochloromethane	124-48-1	50	1000	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	75-71-8	5	100	1 U	1 U	1 U	1 U
Ethyl Benzene	100-41-4	5	100	1 U	1 U	1 U	1 U
Isopropylbenzene	98-82-8	5	100	1 U	1 U	1 U	1 U
m/p-Xylenes	179601-23-1	5	100	2 U	2 U	2 U	2 U
Methyl Acetate	79-20-9	5	100	1 U	1 U	1 U	1 U
Methyl tert-butyl Ether	1634-04-4	10	200	1 U	1 U	1 U	1 U
Methylcyclohexane	108-87-2	5	100	1 U	1 U	1 U	1 U
Methylene Chloride	75-09-2	5	100	1 U	1 U	1 U	1 U
o-Xylene	95-47-6	0.5	10	1 U	1 U	1 U	1 U
Styrene	100-42-5	5	100	1 U	1 U	1 U	1 U
t-1,3-Dichloropropene	10061-02-6	5	100	1 U	1 U	1 U	1 U
Tetrachloroethene	127-18-4	5	100	1 U	**0.67 J**	1 U	1 U
Toluene	108-88-3	5	100	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	156-60-5	5	100	1 U	1 U	1 U	1 U
Trichloroethene	79-01-6	5	100	1 U	1 U	1 U	1 U
Trichlorofluoromethane	75-69-4	5	100	1 U	1 U	1 U	1 U
Vinyl Chloride	75-01-4	2	40	**26.8**	**13.3**	**52.3**	**54.7**

Notes:

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Exceeds water quality standard

Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-16-DUP		MW-16		MW-16 DUP		MW-16	
LAB ID:				I5497-04		J2190-09		J2190-09		J5032-09	
COLLECTION DATE:				9/27/2017		4/2/2018		4/2/2018		9/20/2018	
SAMPLE MATRIX:				Water		Water		Water		Water	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	1	U	1	U	1	U	1	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	79-00-5	5	100	1	U	1	U	1	U	1	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	1	U	1	U	1	U	1	U
1,1-Dichloroethane	75-34-3	5	100	1	U	1	U	1	U	1	U
1,1-Dichloroethene	75-35-4	5	100	1	U	**1.4**		**1.5**		1	U
1,2,3-Trichlorobenzene	87-61-6	5	100	1	U	1	U	1	U	1	U
1,2,4-Trichlorobenzene	120-82-1	5	100	1	U	1	U	1	U	1	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	1	U	1	U	1	U	1	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene	95-50-1	3	60	1	U	1	U	1	U	1	U
1,2-Dichloroethane	107-06-2	0.6	12	1	U	1	U	1	U	1	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene	106-46-7	3	60	1	U	1	U	1	U	1	U
1,4-Dioxane	123-91-1	0.35	7	NA		**1**		**1**		**0.098**	
2-Butanone	78-93-3	50	1000	5	U	5	U	5	U	5	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	5	U	**7.1**		**6.1**		5	U
Benzene	71-43-2	1	20	1	U	1	U	1	U	1	U
Bromochloromethane	74-97-5	10	200	1	U	1	U	1	U	1	U
Bromodichloromethane	75-27-4	50	1000	1	U	1	U	1	U	1	U
Bromoform	75-25-2	50	1000	1	U	1	U	1	U	1	U
Bromomethane	74-83-9	5	100	1	U	1	U	1	U	1	U
Carbon Disulfide	75-15-0	60	1200	1	U	1	U	1	U	1	U
Carbon Tetrachloride	56-23-5	5	100	1	U	1	U	1	U	1	U
Chlorobenzene	108-90-7	5	100	1	U	1	U	1	U	1	U
Chloroethane	75-00-3	5	100	1	U	1	U	1	U	1	U
Chloroform	67-66-3	7	140	1	U	1	U	1	U	1	U
Chloromethane	74-87-3	5	100	1	U	1	U	1	U	1	U
cis-1,2-Dichloroethene	156-59-2	5	100	**12.2**		**130**	D	**130**	D	**110**	
cis-1,3-Dichloropropene	10061-01-5	0.4	8	1	U	1	U	1	U	1	U
Cyclohexane	110-82-7	60	1200	1	U	1	U	1	U	1	U
Dibromochloromethane	124-48-1	50	1000	1	U	1	U	1	U	1	U
Dichlorodifluoromethane	75-71-8	5	100	1	U	1	U	1	U	1	U
Ethyl Benzene	100-41-4	5	100	1	U	1	U	1	U	1	U
Isopropylbenzene	98-82-8	5	100	1	U	1	U	1	U	1	U
m/p-Xylenes	179601-23-1	5	100	2	U	2	U	2	U	2	U
Methyl Acetate	79-20-9	5	100	1	U	1	U	1	U	1	U
Methyl tert-butyl Ether	1634-04-4	10	200	1	U	1	U	1	U	1	U
Methylcyclohexane	108-87-2	5	100	1	U	1	U	1	U	1	U
Methylene Chloride	75-09-2	5	100	1	U	1	U	1	U	1	U
o-Xylene	95-47-6	0.5	10	1	U	1	U	1	U	1	U
Styrene	100-42-5	5	100	1	U	1	U	1	U	1	U
t-1,3-Dichloropropene	10061-02-6	5	100	1	U	1	U	1	U	1	U
Tetrachloroethene	127-18-4	5	100	1	U	1	U	1	U	1	U
Toluene	108-88-3	5	100	1	U	1	U	1	U	1	U
trans-1,2-Dichloroethene	156-60-5	5	100	1	U	**1.7**		**1.6**		1	U
Trichloroethene	79-01-6	5	100	1	U	**1.3**		**1.4**		1	U
Trichlorofluoromethane	75-69-4	5	100	1	U	1	U	1	U	1	U
Vinyl Chloride	75-01-4	2	40	**60.2**		**6.2**		**6.5**		**10.5**	

Notes:

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Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-16 DUP		MW-16 [2]		MW-16 [3]		MW-16	
LAB ID:				J5032-10		L1912651-05, R1902765-005		L1944801-03, R1909479-003		L2013878-02, R2002658-002	
COLLECTION DATE:				9/20/2018		3/29/2019		9/26/2019		3/30/2020	
SAMPLE MATRIX:				Water		Water		Water		Water	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	1	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	1	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	5	100	1	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	1	U	NA		NA		NA	
1,1-Dichloroethane	75-34-3	5	100	1	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	100	1	U	0.5	U	**0.22**	J	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	100	1	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	1	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	1	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	1	U	2	U	2	U	2	U
1,2-Dichlorobenzene	95-50-1	3	60	1	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	1	U	**0.13**	J	**0.5**	U	0.5	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	1	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	60	1	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1	0.35	7	**1.1**		**0.82**		**1**		**0.23**	
2-Butanone	78-93-3	50	1000	5	U	5	U	**3.1**	J	5	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	5	U	**41**		**110**		**5.2**	
Benzene	71-43-2	1	20	1	U	**0.16**	J	**0.16**	J	0.5	U
Bromochloromethane	74-97-5	10	200	1	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	1000	1	U	0.5	U	0.5	U	0.5	U
Bromoform	75-25-2	50	1000	1	U	2	U	2	U	2	U
Bromomethane	74-83-9	5	100	1	U	2.5	U	2.5	U	2.5	U
Carbon Disulfide	75-15-0	60	1200	1	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	5	100	1	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	5	100	1	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	100	1	U	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	140	1	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3	5	100	1	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	**110**		**64**		**100**		**24**	
cis-1,3-Dichloropropene	10061-01-5	0.4	8	1	U	0.5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	60	1200	1	U	2.5	U	10	U	NA	
Dibromochloromethane	124-48-1	50	1000	1	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	5	100	1	U	5	U	5	U	5	U
Ethyl Benzene	100-41-4	5	100	1	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	100	1	U	2.5	U	2.5	U	2.5	U
m/p-Xylenes	179601-23-1	5	100	2	U	2.5	U	2.5	U	2.5	U
Methyl Acetate	79-20-9	5	100	1	U	**0.99**	J	2	U	NA	U
Methyl tert-butyl Ether	1634-04-4	10	200	1	U	2.5	U	2.5	U	2.5	U
Methylcyclohexane	108-87-2	5	100	1	U	10	U	10	U	NA	U
Methylene Chloride	75-09-2	5	100	1	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	0.5	10	1	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	100	1	U	2.5	U	2.5	U	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	1	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	100	1	U	**0.27**	J	0.5	U	0.5	U
Toluene	108-88-3	5	100	1	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	100	1	U	2.5	U	2.5	U	2.5	U
Trichloroethene	79-01-6	5	100	1	U	**0.26**	J	0.5	U	0.5	U
Trichlorofluoromethane	75-69-4	5	100	1	U	2.5	U	2.5	U	2.5	U
Vinyl Chloride	75-01-4	2	40	**10.9**		**39**		**22**		**58**	

Notes:

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Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-16		MW-16		MW-16		MW-16-DUP	
LAB ID:				L2040141-08, R2008919-007		L2052855-05		L2107134-01		L2107134-05	
COLLECTION DATE:				9/23/2020		11/25/2020		2/12/2021		2/12/2021	
SAMPLE MATRIX:				Water		GW		GW		GW	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	NA		NA		NA		NA	
1,1-Dichloroethane	75-34-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	100	**0.19**	**J**	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1	0.35	7	**0.53**		0.797		0.454		0.487	
2-Butanone	78-93-3	50	1000	**2.3**	J	5	U	5	U	5	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	**120**		5	U	5	U	5	U
Benzene	71-43-2	1	20	**0.19**	J	0.19	J	0.5	U	0.5	U
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	75-25-2	50	1000	2	U	2	U	2	U	2	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Carbon Disulfide	75-15-0	60	1200	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	140	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	**89**		96		61		66	
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	60	1200	NA		10	U	NA		NA	
Dibromochloromethane	124-48-1	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	5	100	5	U	5	U	5	U	5	U
Ethyl Benzene	100-41-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	100	2.5	U	2.5	U	2.5	U	2.5	U
m/p-Xylenes	179601-23-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Methyl Acetate	79-20-9	5	100	NA		2	U	NA		NA	
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Methylcyclohexane	108-87-2	5	100	NA		10	U	NA		NA	
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	0.5	10	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	100	**0.22**	**J**	**0.18**	**J**	0.5	U	0.5	U
Toluene	108-88-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	79-01-6	5	100	**0.2**	**J**	**0.25**	**J**	0.5	U	0.2	J
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl Chloride	75-01-4	2	40	**33**		**30**		**44**		**59**	

Notes:

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for Class GA Groundwater

2 - Duplicate samples was collected from MW-16 for 1,4 Dioxane analysis on 3/29/2019; Higher results was reported in th

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Conc - Concentration

Q - Laboratory data qualifier.

J - estimated value/data indicates the presence of a compound that meets the identification criteria. The result is less tha

D - dilution required

U - non-detect

NA - not analyzed

BOLDED = detection

Exceeds water quality standard

Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-16		MW-16		MW-16		MW-16	
LAB ID:				L2126513-03		L2142605-01		L2161697-03		L2208690-03	
COLLECTION DATE:				5/19/2021		8/9/2021		11/9/2021		2/17/2022	
SAMPLE MATRIX:				GW		WATER		WATER		WATER	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	NA		NA		NA			
1,1-Dichloroethane	75-34-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	0.5	U	0.13	J	0.5	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1	0.35	7	0.722		0.493		0.945		**0.551**	
2-Butanone	78-93-3	50	1000	5	U	5	U	5	U	5	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	5	U	5	U	5	U	5	U
Benzene	71-43-2	1	20	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	75-25-2	50	1000	2	U	2	U	2	U	2	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Carbon Disulfide	75-15-0	60	1200	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	140	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	29		37		70		**18**	
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	60	1200	NA		NA		NA			
Dibromochloromethane	124-48-1	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	5	100	5	U	5	U	5	U	5	U
Ethyl Benzene	100-41-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	100	2.5	U	2.5	U	2.5	U	2.5	U
m/p-Xylenes	179601-23-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Methyl Acetate	79-20-9	5	100	NA		NA		NA			
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	2.5	U	1.1	J	2.5	U
Methylcyclohexane	108-87-2	5	100	NA		NA		NA			
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	0.5	10	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	100	0.18	J	0.5	U	0.5	U	0.5	U
Toluene	108-88-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	79-01-6	5	100	0.22	J	0.5	U	0.2	J	0.5	U
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl Chloride	75-01-4	2	40	**64**		**55**		**45**		**48**	

Notes:

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for Class GA Groundwater

2 - Duplicate samples was collected from MW-16 for 1,4 Dioxane analysis on 3/29/2019; Higher results was reported in th

3 - Duplicate samples was collected from MW-16 for 1,4 Dioxane analysis on 9/26/2019; Higher results was reported in th

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Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-16		MW-16		MW-16		MW-16	
LAB ID:				L2227046-03		L2243180-03		L2266928-08		L2306398-03	
COLLECTION DATE:				5/19/2022		8/10/2022		11/29/2022		02/06/2023	
SAMPLE MATRIX:				WATER		WATER		WATER		WATER	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	0.5	U	0.50	U	0.50	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20					-		2.5	U
1,1-Dichloroethane	75-34-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	100	0.5	U	0.5	U	0.50	U	0.50	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2	U	2	U	2.0	U	2.0	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	0.5	U	0.50	U	0.50	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1.0	U	1.0	U
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1	0.35	7	0.801	U	0.654	U	**0.608**		**0.762**	
2-Butanone	78-93-3	50	1000	5	U	5	U	5.0	U	5.0	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	5.0	U	5.0	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5.0	U	5.0	U
Acetone	67-64-1	50	1000	5	U	5	U	5.0	U	5.0	U
Benzene	71-43-2	1	20	0.5	U	0.16	J	0.50	U	0.50	U
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	1000	0.5	U	0.5	U	0.50	U	0.50	U
Bromoform	75-25-2	50	1000	2	U	2	U	2.0	U	2.0	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Carbon Disulfide	75-15-0	60	1200	5	U	5	U	5.0	U	5.0	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	0.5	U	0.50	U	0.50	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	140	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	**7.9**		**32**		**34**		**17**	
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	0.5	U	0.50	U	0.50	U
Cyclohexane	110-82-7	60	1200		U			-		10	U
Dibromochloromethane	124-48-1	50	1000	0.5	U	0.5	U	0.50	U	0.50	U
Dichlorodifluoromethane	75-71-8	5	100	5	U	5	U	5.0	U	5.0	U
Ethyl Benzene	100-41-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	100	2.5	U	2.5	U	2.5	U	2.5	U
m/p-Xylenes	179601-23-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Methyl Acetate	79-20-9	5	100		U			-		2.0	U
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Methylcyclohexane	108-87-2	5	100		U			-		10	U
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	0.5	10	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	U	0.5	U	0.50	U	0.50	U
Tetrachloroethene	127-18-4	5	100	0.5	U	0.5	U	0.50	U	0.50	U
Toluene	108-88-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	79-01-6	5	100	0.5	U	0.5	U	0.50	U	0.50	U
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl Chloride	75-01-4	2	40	**64**		**77**		**100**		**58**	

Notes:

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Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-16		MW-16		MW-16		MW-17	
LAB ID:				L2327192-03		L2349034-04		L2367455-04		E3071-04	
COLLECTION DATE:				05/16/2023		08/23/2023		11/13/2023		7/24/2013	
SAMPLE MATRIX:				WATER		WATER		WATER		Water	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	2.5	U	2.5	U	0.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.50	U	0.50	U	0.50	U	0.5	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	1.5	U	0.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	-		-		-		0.5	U
1,1-Dichloroethane	75-34-3	5	100	2.5	U	2.5	U	2.5	U	0.5	U
1,1-Dichloroethene	75-35-4	5	100	0.50	U	0.50	U	0.50	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	2.5	U	0.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	2.5	U	0.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	2.5	U	0.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2.0	U	2.0	U	2.0	U	0.5	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	2.5	U	0.5	U
1,2-Dichloroethane	107-06-2	0.6	12	0.50	U	0.50	U	0.50	U	0.5	U
1,2-Dichloropropane	78-87-5	1	20	1.0	U	1.0	U	1.0	U	0.5	U
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	2.5	U	2.5	U	0.5	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	2.5	U	0.5	U
1,4-Dioxane	123-91-1	0.35	7	**0.613**		**0.343**		**0.572**		NA	
2-Butanone	78-93-3	50	1000	5.0	U	5.0	U	5.0	U	2.5	U
2-Hexanone	591-78-6	50	1000	5.0	U	5.0	U	5.0	U	2.5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5.0	U	5.0	U	5.0	U	2.5	U
Acetone	67-64-1	50	1000	**1.5**	**J**	5.0	U	5.0	U	2.5	U
Benzene	71-43-2	1	20	0.50	U	0.50	U	0.50	U	0.5	U
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	2.5	U	0.5	U
Bromodichloromethane	75-27-4	50	1000	0.50	U	0.50	U	0.50	U	0.5	U
Bromoform	75-25-2	50	1000	2.0	U	2.0	U	2.0	U	0.5	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	2.5	U	0.5	U
Carbon Disulfide	75-15-0	60	1200	5.0	U	5.0	U	5.0	U	0.5	U
Carbon Tetrachloride	56-23-5	5	100	0.50	U	0.50	U	0.50	U	0.5	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	2.5	U	0.5	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	2.5	U	0.5	U
Chloroform	67-66-3	7	140	2.5	U	2.5	U	2.5	U	0.5	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	2.5	U	0.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	**14**		**21**		**20**		0.5	U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.50	U	0.50	U	0.50	U	0.5	U
Cyclohexane	110-82-7	60	1200	-		-		-		0.5	U
Dibromochloromethane	124-48-1	50	1000	0.50	U	0.50	U	0.50	U	0.5	U
Dichlorodifluoromethane	75-71-8	5	100	5.0	U	5.0	U	5.0	U	0.5	U
Ethyl Benzene	100-41-4	5	100	2.5	U	2.5	U	2.5	U	0.5	U
Isopropylbenzene	98-82-8	5	100	2.5	U	2.5	U	2.5	U	0.5	U
m/p-Xylenes	179601-23-1	5	100	2.5	U	2.5	U	2.5	U	1	U
Methyl Acetate	79-20-9	5	100	-		-		-		0.5	U
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	2.5	U	2.5	U	**0.68**	**J**
Methylcyclohexane	108-87-2	5	100	-		-		-		0.5	U
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	2.5	U	0.5	U
o-Xylene	95-47-6	0.5	10	2.5	U	2.5	U	2.5	U	0.5	U
Styrene	100-42-5	5	100	2.5	U	2.5	U	2.5	U	0.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.50	U	0.50	U	0.50	U	0.5	U
Tetrachloroethene	127-18-4	5	100	0.50	U	0.50	U	0.50	U	0.5	U
Toluene	108-88-3	5	100	2.5	U	2.5	U	2.5	U	0.5	U
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	2.5	U	0.5	U
Trichloroethene	79-01-6	5	100	0.50	U	0.50	U	0.50	U	0.5	U
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	2.5	U	0.5	U
Vinyl Chloride	75-01-4	2	40	**70**		**63**		**66**		**14.4**	

Notes:

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2 - Duplicate samples was collected from MW-16 for 1,4 Dioxane analysis on 3/29/2019; Higher results was reported in th

3 - Duplicate samples was collected from MW-16 for 1,4 Dioxane analysis on 9/26/2019; Higher results was reported in th

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D - dilution required

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BOLDED = detection

Exceeds water quality standard

Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-17		MW-17		MW-17		MW-17	
LAB ID:				F1793-04		G1728-04		H2077-07		I2509-08	
COLLECTION DATE:				3/26/2014		3/30/2015		3/29/2016		3/30/2017	
SAMPLE MATRIX:				Water		Water		Water		Water	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	1	U	1	U	1	U	1	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	79-00-5	5	100	1	U	1	U	1	U	1	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	1	U	1	U	1	U	1	U
1,1-Dichloroethane	75-34-3	5	100	1	U	1	U	1	U	1	U
1,1-Dichloroethene	75-35-4	5	100	1	U	1	U	1	U	1	U
1,2,3-Trichlorobenzene	87-61-6	5	100	1	U	1	U	1	U	1	U
1,2,4-Trichlorobenzene	120-82-1	5	100	1	U	1	U	1	U	1	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	1	U	1	U	1	U	1	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene	95-50-1	3	60	1	U	1	U	1	U	1	U
1,2-Dichloroethane	107-06-2	0.6	12	1	U	1	U	1	U	1	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene	106-46-7	3	60	1	U	1	U	1	U	1	U
1,4-Dioxane	123-91-1	0.35	7	NA		NA		NA		NA	
2-Butanone	78-93-3	50	1000	5	U	5	U	5	U	5	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	**11.6**		**8.5**		**4.9**	**J**	**7**	
Benzene	71-43-2	1	20	1	U	1	U	1	U	1	U
Bromochloromethane	74-97-5	10	200	1	U	1	U	1	U	1	U
Bromodichloromethane	75-27-4	50	1000	1	U	1	U	1	U	1	U
Bromoform	75-25-2	50	1000	1	U	1	U	1	U	1	U
Bromomethane	74-83-9	5	100	1	U	1	U	1	U	1	U
Carbon Disulfide	75-15-0	60	1200	1	U	1	U	1	U	1	U
Carbon Tetrachloride	56-23-5	5	100	1	U	1	U	1	U	1	U
Chlorobenzene	108-90-7	5	100	1	U	1	U	1	U	1	U
Chloroethane	75-00-3	5	100	1	U	1	U	1	U	1	U
Chloroform	67-66-3	7	140	1	U	1	U	1	U	1	U
Chloromethane	74-87-3	5	100	1	U	1	U	1	U	1	U
cis-1,2-Dichloroethene	156-59-2	5	100	1	U	1	U	1	U	1	U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	1	U	1	U	1	U	1	U
Cyclohexane	110-82-7	60	1200	1	U	1	U	1	U	1	U
Dibromochloromethane	124-48-1	50	1000	1	U	1	U	1	U	1	U
Dichlorodifluoromethane	75-71-8	5	100	1	U	1	U	1	U	1	U
Ethyl Benzene	100-41-4	5	100	1	U	1	U	1	U	1	U
Isopropylbenzene	98-82-8	5	100	1	U	1	U	1	U	1	U
m/p-Xylenes	179601-23-1	5	100	2	U	2	U	2	U	2	U
Methyl Acetate	79-20-9	5	100	1	U	1	U	1	U	1	U
Methyl tert-butyl Ether	1634-04-4	10	200	1	U	1	U	1	U	1	U
Methylcyclohexane	108-87-2	5	100	1	U	1	U	1	U	1	U
Methylene Chloride	75-09-2	5	100	1	U	1	U	1	U	1	U
o-Xylene	95-47-6	0.5	10	1	U	1	U	1	U	1	U
Styrene	100-42-5	5	100	1	U	1	U	1	U	1	U
t-1,3-Dichloropropene	10061-02-6	5	100	1	U	1	U	1	U	1	U
Tetrachloroethene	127-18-4	5	100	1	U	1	U	**0.7**	**J**	1	U
Toluene	108-88-3	5	100	1	U	1	U	1	U	1	U
trans-1,2-Dichloroethene	156-60-5	5	100	1	U	1	U	1	U	1	U
Trichloroethene	79-01-6	5	100	**0.24**	**J**	1	U	1	U	1	U
Trichlorofluoromethane	75-69-4	5	100	1	U	1	U	1	U	1	U
Vinyl Chloride	75-01-4	2	40	1	U	1	U	1	U	1	U

Notes:

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Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-17		MW-17		MW-17		MW-17	
LAB ID:				I5497-05		J2190-06		J5032-08		L1912651-08, R1902765-008	
COLLECTION DATE:				9/27/2017		4/2/2018		9/20/2018		3/29/2019	
SAMPLE MATRIX:				Water		Water		Water		Water	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	1	U	1	U	1	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	1	U	1	U	1	U	0.5	U
1,1,2-Trichloroethane	79-00-5	5	100	1	U	1	U	1	U	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	1	U	1	U	1	U	NA	
1,1-Dichloroethane	75-34-3	5	100	1	U	1	U	1	U	2.5	U
1,1-Dichloroethene	75-35-4	5	100	1	U	1	U	1	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	100	1	U	1	U	1	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	1	U	1	U	1	U	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	1	U	1	U	1	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	1	U	1	U	1	U	2	U
1,2-Dichlorobenzene	95-50-1	3	60	1	U	1	U	1	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	1	U	1	U	1	U	0.5	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	1	U	1	U	1	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	60	1	U	1	U	1	U	2.5	U
1,4-Dioxane	123-91-1	0.35	7	NA		**0.22**		**0.19**		**0.37**	
2-Butanone	78-93-3	50	1000	5	U	5	U	5	U	**2.1**	J
2-Hexanone	591-78-6	50	1000	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	5	U	**16.1**		5	U	**51**	
Benzene	71-43-2	1	20	1	U	1	U	1	U	0.5	U
Bromochloromethane	74-97-5	10	200	1	U	1	U	1	U	2.5	U
Bromodichloromethane	75-27-4	50	1000	1	U	1	U	1	U	0.5	U
Bromoform	75-25-2	50	1000	1	U	1	U	1	U	2	U
Bromomethane	74-83-9	5	100	1	U	1	U	1	U	2.5	U
Carbon Disulfide	75-15-0	60	1200	1	U	1	U	1	U	5	U
Carbon Tetrachloride	56-23-5	5	100	1	U	1	U	1	U	0.5	U
Chlorobenzene	108-90-7	5	100	1	U	1	U	1	U	2.5	U
Chloroethane	75-00-3	5	100	1	U	1	U	1	U	2.5	U
Chloroform	67-66-3	7	140	1	U	1	U	1	U	2.5	U
Chloromethane	74-87-3	5	100	1	U	1	U	1	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	1	U	**3.8**		1	U	**5.6**	
cis-1,3-Dichloropropene	10061-01-5	0.4	8	1	U	1	U	1	U	0.5	U
Cyclohexane	110-82-7	60	1200	1	U	1	U	1	U	2.5	U
Dibromochloromethane	124-48-1	50	1000	1	U	1	U	1	U	0.5	U
Dichlorodifluoromethane	75-71-8	5	100	1	U	1	U	1	U	5	U
Ethyl Benzene	100-41-4	5	100	1	U	1	U	1	U	2.5	U
Isopropylbenzene	98-82-8	5	100	1	U	1	U	1	U	2.5	U
m/p-Xylenes	179601-23-1	5	100	2	U	2	U	2	U	2.5	U
Methyl Acetate	79-20-9	5	100	1	U	1	U	1	U	**1.2**	**J**
Methyl tert-butyl Ether	1634-04-4	10	200	1	U	1	U	1	U	2.5	U
Methylcyclohexane	108-87-2	5	100	1	U	1	U	1	U	10	U
Methylene Chloride	75-09-2	5	100	1	U	1	U	1	U	2.5	U
o-Xylene	95-47-6	0.5	10	1	U	1	U	1	U	2.5	U
Styrene	100-42-5	5	100	1	U	1	U	1	U	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	1	U	1	U	1	U	0.5	U
Tetrachloroethene	127-18-4	5	100	1	U	1	U	1	U	0.5	U
Toluene	108-88-3	5	100	1	U	1	U	1	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	100	1	U	1	U	1	U	2.5	U
Trichloroethene	79-01-6	5	100	1	U	1	U	1	U	0.5	U
Trichlorofluoromethane	75-69-4	5	100	1	U	1	U	1	U	2.5	U
Vinyl Chloride	75-01-4	2	40	1	U	1	U	1	U	1	U

Notes:

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Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-17		MW-17		MW-17		MW-17	
LAB ID:				L1944801-02, R1909479-002		L2013878-03		L2040141-07		L2052855-06	
COLLECTION DATE:				9/26/2019		3/30/2020		9/23/2020		11/25/2020	
SAMPLE MATRIX:				Water		Water		Water		GW	
UNITS:				Conc. (ug/L)		Conc		Conc		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	NA		NA		NA		NA	
1,1-Dichloroethane	75-34-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1	0.35	7	**0.38**		**0.28**		**0.18**		**0.0857**	**J**
2-Butanone	78-93-3	50	1000	**2.3**	J	5	U	3.7	J	5	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	**88**		5.1		**140**		5	U
Benzene	71-43-2	1	20	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	75-25-2	50	1000	2	U	2	U	2	U	2	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Carbon Disulfide	75-15-0	60	1200	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	140	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	**6.9**		**0.84**	**J**	**0.98**	**J**	**2.2**	**J**
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	60	1200	10	U	NA		NA		10	U
Dibromochloromethane	124-48-1	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	5	100	5	U	5	U	5	U	5	U
Ethyl Benzene	100-41-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	100	2.5	U	2.5	U	2.5	U	2.5	U
m/p-Xylenes	179601-23-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Methyl Acetate	79-20-9	5	100	2	U	NA		NA		2	U
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Methylcyclohexane	108-87-2	5	100	10	U	NA		NA		10	U
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	0.5	10	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	108-88-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	79-01-6	5	100	0.5	U	0.5	U	0.5	U	**0.28**	**J**
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl Chloride	75-01-4	2	40	1	U	1	U	1	U	1	U

Notes:

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3 - Duplicate samples was collected from MW-16 for 1,4 Dioxane analysis on 9/26/2019; Higher results was reported in th

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Exceeds water quality standard

Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-17		MW-17		MW-17		MW-17	
LAB ID:				L2107134-02		L2126513-02		L2142859-03		L2161998-02	
COLLECTION DATE:				2/12/2021		5/19/2021		8/10/2021		11/10/2021	
SAMPLE MATRIX:				GW		GW		WATER		WATER	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	NA		NA		NA		NA	
1,1-Dichloroethane	75-34-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1	0.35	7	**0.189**		**0.152**		**0.325**		**0.244**	
2-Butanone	78-93-3	50	1000	5	U	5	U	5	U	5	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	5	U	**9.4**		5	U	5	U
Benzene	71-43-2	1	20	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	75-25-2	50	1000	2	U	2	U	2	U	2	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Carbon Disulfide	75-15-0	60	1200	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	140	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	**3.9**		**14**		**1.5**	**J**	**0.7**	**J**
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	60	1200	NA		NA		NA		NA	
Dibromochloromethane	124-48-1	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	5	100	5	U	5	U	5	U	5	U
Ethyl Benzene	100-41-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	100	2.5	U	2.5	U	2.5	U	2.5	U
m/p-Xylenes	179601-23-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Methyl Acetate	79-20-9	5	100	NA		NA		NA		NA	
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Methylcyclohexane	108-87-2	5	100	NA		NA		NA	U	NA	
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	0.5	10	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	108-88-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	79-01-6	5	100	**0.31**	**J**	**0.46**	**J**	**0.58**		**0.42**	**J**
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl Chloride	75-01-4	2	40	**0.12**	**J**	**0.12**	**J**	**0.37**	**J**	**0.17**	**J**

Notes:

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Exceeds water quality standard

Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-17		MW-17		MW-17		MW-17	
LAB ID:				L2208690-02		L2227046-04		L2243180-04		L2266928-06	
COLLECTION DATE:				2/17/2022		5/19/2022		8/10/2022		11/29/2022	
SAMPLE MATRIX:				WATER		WATER		WATER		WATER	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	0.5	U	0.5	U	2.6	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	1.5	U	2.8	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20							2.7	U
1,1-Dichloroethane	75-34-3	5	100	2.5	U	2.5	U	2.5	U	2.9	U
1,1-Dichloroethene	75-35-4	5	100	0.5	U	0.5	U	0.5	U	2.1	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	2.5	U	2.11	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	2.5	U	2.12	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	2.5	U	2.13	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2	U	2	U	2	U	2.14	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	2.5	U	2.15	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	0.5	U	0.5	U	2.16	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1	U	2.17	U
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	2.5	U	2.5	U	2.18	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	2.5	U	2.19	U
1,4-Dioxane	123-91-1	0.35	7	**0.871**		**0.662**		**0.369**		2.2	U
2-Butanone	78-93-3	50	1000	5	U	5	U	5	U	2.43	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	5	U	2.21	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5	U	2.44	U
Acetone	67-64-1	50	1000	5	U	5	U	5	U	2.22	U
Benzene	71-43-2	1	20	0.5	U	0.5	U	0.5	U	2.23	U
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	2.5	U	2.24	U
Bromodichloromethane	75-27-4	50	1000	0.5	U	0.5	U	0.5	U	2.25	U
Bromoform	75-25-2	50	1000	2	U	2	U	2	U	2.26	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	2.5	U	2.27	U
Carbon Disulfide	75-15-0	60	1200	5	U	5	U	5	U	2.28	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	0.5	U	0.5	U	2.29	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	2.5	U	2.3	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	2.5	U	2.31	U
Chloroform	67-66-3	7	140	2.5	U	2.5	U	2.5	U	2.32	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	2.5	U	2.33	U
cis-1,2-Dichloroethene	156-59-2	5	100	4.7	U	2.6	U	**1.4**	J	2.34	U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	0.5	U	0.5	U	2.35	U
Cyclohexane	110-82-7	60	1200				U			2.36	U
Dibromochloromethane	124-48-1	50	1000	0.5	U	0.5	U	0.5	U	2.37	U
Dichlorodifluoromethane	75-71-8	5	100	5	U	5	U	5	U	2.38	U
Ethyl Benzene	100-41-4	5	100	2.5	U	2.5	U	2.5	U	2.39	U
Isopropylbenzene	98-82-8	5	100	2.5	U	2.5	U	2.5	U	2.4	U
m/p-Xylenes	179601-23-1	5	100	2.5	U	2.5	U	2.5	U	2.41	U
Methyl Acetate	79-20-9	5	100				U			2.42	U
Methyl tert-butyl Ether	1634-04-4	10	200	0.92	J	2.5	U	2.5	U	2.49	U
Methylcyclohexane	108-87-2	5	100				U			2.45	U
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	2.5	U	2.46	U
o-Xylene	95-47-6	0.5	10	2.5	U	2.5	U	2.5	U	2.47	U
Styrene	100-42-5	5	100	2.5	U	2.5	U	2.5	U	2.48	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	U	0.5	U	0.5	U	2.53	U
Tetrachloroethene	127-18-4	5	100	0.5	U	0.5	U	0.5	U	2.5	U
Toluene	108-88-3	5	100	2.5	U	2.5	U	2.5	U	2.51	U
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	2.5	U	2.52	U
Trichloroethene	79-01-6	5	100	0.3	J	0.35	J	0.5	U	2.54	U
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	2.5	U	2.55	U
Vinyl Chloride	75-01-4	2	40	0.14	J	0.54	J	0.13	J	2.56	U

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Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-17		MW-17		MW-17		MW-17	
LAB ID:				L2306398-04		L2327192-04		L2349034-03		L2367455-05	
COLLECTION DATE:				02/06/2023		05/16/2023		08/23/2023		11/13/2023	
SAMPLE MATRIX:				WATER		WATER		WATER		WATER	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	2.5	U	-		-		-	
1,1-Dichloroethane	75-34-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1	0.35	7	**0.156**	**J**	**0.38**		**0.462**		**0.144**	**J**
2-Butanone	78-93-3	50	1000	5	U	5	U	5	U	5	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	5	U	5	U	**19**		5	U
Benzene	71-43-2	1	20	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	75-25-2	50	1000	2	U	2	U	2	U	2	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Carbon Disulfide	75-15-0	60	1200	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	140	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	**0.88**	**J**	**1.9**	**J**	**3.4**		**1.5**	**J**
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	60	1200	10	U	-		-		-	
Dibromochloromethane	124-48-1	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	5	100	5	U	5	U	5	U	5	U
Ethyl Benzene	100-41-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	100	2.5	U	2.5	U	2.5	U	2.5	U
m/p-Xylenes	179601-23-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Methyl Acetate	79-20-9	5	100	2	U	-		-		-	
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Methylcyclohexane	108-87-2	5	100	10	U	-		-		-	
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	0.5	10	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	108-88-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	79-01-6	5	100	**0.2**	**J**	**0.19**	**J**	0.5	U	0.5	U
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl Chloride	75-01-4	2	40	**0.18**	**J**	**0.27**	**J**	**0.26**	**J**	**5.2**	

Notes:

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Exceeds water quality standard

Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-18		MW-18		MW-18		MW-18	
LAB ID:				E3071-05		F1793-05		G1728-05		H2077-05	
COLLECTION DATE:				7/24/2013		3/26/2014		3/30/2015		3/29/2016	
SAMPLE MATRIX:				Water		Water		Water		Water	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	0.5	U	1	U	1	U	1	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	1	U	1	U	1	U
1,1,2-Trichloroethane	79-00-5	5	100	0.5	UQ	1	U	1	U	1	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	0.5	U	1	U	1	U	1	U
1,1-Dichloroethane	75-34-3	5	100	**2.4**		1	U	1	U	1	U
1,1-Dichloroethene	75-35-4	5	100	0.5	U	1	U	1	U	1	U
1,2,3-Trichlorobenzene	87-61-6	5	100	0.5	UQ	1	U	1	U	1	U
1,2,4-Trichlorobenzene	120-82-1	5	100	0.5	U	1	U	1	U	1	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	0.5	U	1	U	1	U	1	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	0.5	UQ	1	U	1	U	1	U
1,2-Dichlorobenzene	95-50-1	3	60	0.5	U	1	U	1	U	1	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	1	U	1	U	1	U
1,2-Dichloropropane	78-87-5	1	20	0.5	UQ	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	0.5	U	1	U	1	U	1	U
1,4-Dichlorobenzene	106-46-7	3	60	0.5	U	1	U	1	U	1	U
1,4-Dioxane	123-91-1	0.35	7	NA		NA		NA		NA	
2-Butanone	78-93-3	50	1000	2.5	U	5	U	5	U	5	U
2-Hexanone	591-78-6	50	1000	2.5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	2.5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	2.5	U	**12.4**		**7.7**		**6.5**	
Benzene	71-43-2	1	20	0.5	UQ	1	U	1	U	1	U
Bromochloromethane	74-97-5	10	200	0.5	UQ	1	U	1	U	1	U
Bromodichloromethane	75-27-4	50	1000	0.5	UQ	1	U	1	U	1	U
Bromoform	75-25-2	50	1000	0.5	U	1	U	1	U	1	U
Bromomethane	74-83-9	5	100	0.5	U	1	U	1	U	1	U
Carbon Disulfide	75-15-0	60	1200	0.5	U	1	U	1	U	1	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	1	U	1	U	1	U
Chlorobenzene	108-90-7	5	100	0.5	U	1	U	1	U	1	U
Chloroethane	75-00-3	5	100	0.5	U	1	U	1	U	1	U
Chloroform	67-66-3	7	140	0.5	U	1	U	1	U	1	U
Chloromethane	74-87-3	5	100	0.5	U	1	U	1	U	1	U
cis-1,2-Dichloroethene	156-59-2	5	100	**2.1**		1	U	1	U	1	U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	UQ	1	U	1	U	1	U
Cyclohexane	110-82-7	60	1200	0.5	U	1	U	1	U	1	U
Dibromochloromethane	124-48-1	50	1000	0.5	UQ	1	U	1	U	1	U
Dichlorodifluoromethane	75-71-8	5	100	0.5	U	1	U	1	U	1	U
Ethyl Benzene	100-41-4	5	100	0.5	U	1	U	1	U	1	U
Isopropylbenzene	98-82-8	5	100	0.5	U	1	U	1	U	1	U
m/p-Xylenes	179601-23-1	5	100	1	U	2	U	2	U	2	U
Methyl Acetate	79-20-9	5	100	0.5	U	1	U	1	U	1	U
Methyl tert-butyl Ether	1634-04-4	10	200	0.5	U	1	U	1	U	1	U
Methylcyclohexane	108-87-2	5	100	0.5	UQ	1	U	1	U	1	U
Methylene Chloride	75-09-2	5	100	0.5	U	1	U	1	U	1	U
o-Xylene	95-47-6	0.5	10	0.5	U	1	U	1	U	1	U
Styrene	100-42-5	5	100	0.5	U	1	U	1	U	1	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	UQ	1	U	1	U	1	U
Tetrachloroethene	127-18-4	5	100	0.5	U	1	U	1	U	**0.9**	**J**
Toluene	108-88-3	5	100	0.5	UQ	1	U	1	U	1	U
trans-1,2-Dichloroethene	156-60-5	5	100	0.5	U	1	U	1	U	1	U
Trichloroethene	79-01-6	5	100	**5.4**		1	U	1	U	1	U
Trichlorofluoromethane	75-69-4	5	100	0.5	U	1	U	1	U	1	U
Vinyl Chloride	75-01-4	2	40	**7.8**		1	U	1	U	1	U

Notes:

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Exceeds water quality standard

Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-18	MW-18	MW-18	MW-18
LAB ID:				I2509-09	I5497-08	J2190-07	J5032-06
COLLECTION DATE:				3/30/2017	9/27/2017	4/2/2018	9/20/2018
SAMPLE MATRIX:				Water	Water	Water	Water
UNITS:				Conc. (ug/L)	Conc. (ug/L)	Conc. (ug/L)	Conc. (ug/L)
COMPOUND	**CAS #**	**ug/L**	**ug/L**				
1,1,1-Trichloroethane	71-55-6	5	100	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	79-00-5	5	100	1 U	1 U	1 U	1 U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	1 U	1 U	1 U	1 U
1,1-Dichloroethane	75-34-3	5	100	1 U	1 U	1 U	1 U
1,1-Dichloroethene	75-35-4	5	100	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	87-61-6	5	100	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	120-82-1	5	100	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	1 U	1 U	1 U	1 U
1,2-Dibromoethane	106-93-4	0.0006	0.012	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	95-50-1	3	60	1 U	1 U	1 U	1 U
1,2-Dichloroethane	107-06-2	0.6	12	1 U	1 U	1 U	1 U
1,2-Dichloropropane	78-87-5	1	20	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	541-73-1	3	60	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	106-46-7	3	60	1 U	1 U	1 U	1 U
1,4-Dioxane	123-91-1	0.35	7	NA	NA	**0.22**	**0.21**
2-Butanone	78-93-3	50	1000	5 U	5 U	5 U	5 U
2-Hexanone	591-78-6	50	1000	5 U	5 U	5 U	5 U
4-Methyl-2-Pentanone	108-10-1	5	100	5 U	5 U	5 U	5 U
Acetone	67-64-1	50	1000	**8.1**	5 U	**14.2**	5 U
Benzene	71-43-2	1	20	1 U	1 U	1 U	1 U
Bromochloromethane	74-97-5	10	200	1 U	1 U	1 U	1 U
Bromodichloromethane	75-27-4	50	1000	1 U	1 U	1 U	1 U
Bromoform	75-25-2	50	1000	1 U	1 U	1 U	1 U
Bromomethane	74-83-9	5	100	1 U	1 U	1 U	1 U
Carbon Disulfide	75-15-0	60	1200	1 U	1 U	1 U	1 U
Carbon Tetrachloride	56-23-5	5	100	1 U	1 U	1 U	1 U
Chlorobenzene	108-90-7	5	100	1 U	1 U	1 U	1 U
Chloroethane	75-00-3	5	100	1 U	1 U	1 U	1 U
Chloroform	67-66-3	7	140	1 U	1 U	1 U	1 U
Chloromethane	74-87-3	5	100	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	156-59-2	5	100	1 U	1 U	**1.4**	1 U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	1 U	1 U	1 U	1 U
Cyclohexane	110-82-7	60	1200	1 U	1 U	1 U	1 U
Dibromochloromethane	124-48-1	50	1000	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	75-71-8	5	100	1 U	1 U	1 U	1 U
Ethyl Benzene	100-41-4	5	100	1 U	1 U	1 U	1 U
Isopropylbenzene	98-82-8	5	100	1 U	1 U	1 U	1 U
m/p-Xylenes	179601-23-1	5	100	2 U	2 U	2 U	2 U
Methyl Acetate	79-20-9	5	100	1 U	1 U	1 U	1 U
Methyl tert-butyl Ether	1634-04-4	10	200	1 U	1 U	1 U	1 U
Methylcyclohexane	108-87-2	5	100	1 U	1 U	1 U	1 U
Methylene Chloride	75-09-2	5	100	1 U	1 U	1 U	1 U
o-Xylene	95-47-6	0.5	10	1 U	1 U	1 U	1 U
Styrene	100-42-5	5	100	1 U	1 U	1 U	1 U
t-1,3-Dichloropropene	10061-02-6	5	100	1 U	1 U	1 U	1 U
Tetrachloroethene	127-18-4	5	100	1 U	1 U	1 U	1 U
Toluene	108-88-3	5	100	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	156-60-5	5	100	1 U	1 U	1 U	1 U
Trichloroethene	79-01-6	5	100	1 U	1 U	1 U	1 U
Trichlorofluoromethane	75-69-4	5	100	1 U	1 U	1 U	1 U
Vinyl Chloride	75-01-4	2	40	1 U	1 U	1 U	1 U

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Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-18		MW-18		MW-18		MW-18	
LAB ID:				L1912651-07, R1902765-007		L1944801-04, R1909479-004		L2013878-04, R2002658-004		L2040141-06, R2008919-004	
COLLECTION DATE:				3/29/2019		9/26/2019		3/30/2020		9/23/2020	
SAMPLE MATRIX:				Water		Water		Water		Water	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	NA		NA		NA		NA	
1,1-Dichloroethane	75-34-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1	0.35	7	**0.42**		**0.35**		**0.21**		**0.15**	
2-Butanone	78-93-3	50	1000	5	U	2.5	J	5	U	**2**	**J**
2-Hexanone	591-78-6	50	1000	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	**47**		**98**		**4.6**		**84**	
Benzene	71-43-2	1	20	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	75-25-2	50	1000	2	U	2	U	2	U	2	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Carbon Disulfide	75-15-0	60	1200	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	140	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	**2.4**	**J**	**1.2**	**J**	2.5	U	2.5	U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	60	1200	2.5	U	10	U	NA		NA	
Dibromochloromethane	124-48-1	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	5	100	5	U	5	U	5	U	5	U
Ethyl Benzene	100-41-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	100	2.5	U	2.5	U	2.5	U	2.5	U
m/p-Xylenes	179601-23-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Methyl Acetate	79-20-9	5	100	**0.61**	**J**	**2**	U	NA		NA	
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Methylcyclohexane	108-87-2	5	100		U	10	U	NA		NA	
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	0.5	10	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	108-88-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	79-01-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl Chloride	75-01-4	2	40	1	U	1	U	1	U	1	U

Notes:

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for Class GA Groundwater

2 - Duplicate samples was collected from MW-16 for 1,4 Dioxane analysis on 3/29/2019; Higher results was reported in th

3 - Duplicate samples was collected from MW-16 for 1,4 Dioxane analysis on 9/26/2019; Higher results was reported in th

ug/L - The units are in micrograms per liter.

Conc - Concentration

Q - Laboratory data qualifier.

J - estimated value/data indicates the presence of a compound that meets the identification criteria. The result is less tha

D - dilution required

U - non-detect

NA - not analyzed

BOLDED = detection

Exceeds water quality standard

Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-18		MW-18		MW-18		MW-18	
LAB ID:				L2052855-07		L2106812-03		L2126513-01		L2142859-04	
COLLECTION DATE:				11/25/2020		2/11/2021		5/19/2021		8/10/2021	
SAMPLE MATRIX:				GW		GW		GW		WATER	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	NA		NA		NA		NA	
1,1-Dichloroethane	75-34-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1	0.35	7	0.139	U	**0.136**	**J**	**0.33**		**0.422**	
2-Butanone	78-93-3	50	1000	5	U	5	U	5	U	5	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	5	U	5	U	5	U	5	U
Benzene	71-43-2	1	20	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	75-25-2	50	1000	2	U	2	U	2	U	2	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Carbon Disulfide	75-15-0	60	1200	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	140	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	2.5	U	2.5	U	**0.77**	**J**	**1**	**J**
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	60	1200	10	U	NA		NA		NA	
Dibromochloromethane	124-48-1	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	5	100	5	U	5	U	5	U	5	U
Ethyl Benzene	100-41-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	100	2.5	U	2.5	U	2.5	U	2.5	U
m/p-Xylenes	179601-23-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Methyl Acetate	79-20-9	5	100	2	U	NA		NA		NA	
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Methylcyclohexane	108-87-2	5	100	10	U	NA		NA		NA	
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	0.5	10	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	108-88-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	79-01-6	5	100	**0.19**	**J**	**0.3**	**J**	**0.6**		**0.48**	**J**
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl Chloride	75-01-4	2	40	1	U	1	U	1	U	**0.09**	**J**

Notes:

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Exceeds water quality standard

Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-18		MW-18		MW-18		DUPE	
LAB ID:				L2161998-03		L2208232-04		L2243180-05		L2208232-05	
COLLECTION DATE:				11/10/2021		2/16/2022		8/9/2022		2/16/2022	
SAMPLE MATRIX:				WATER		WATER		WATER		WATER	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	NA							
1,1-Dichloroethane	75-34-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1	0.35	7	**0.248**		**0.171**	U	**0.69**		**0.182**	U
2-Butanone	78-93-3	50	1000	5	U	5	U	5	U	5	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	5	U	2	J	5	U	4.2	J
Benzene	71-43-2	1	20	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	75-25-2	50	1000	2	U	2	U	2	U	2	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Carbon Disulfide	75-15-0	60	1200	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	140	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	2.5	U	2.5	U	**1.6**	J	2.5	U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	60	1200	NA							
Dibromochloromethane	124-48-1	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	5	100	5	U	5	U	5	U	5	U
Ethyl Benzene	100-41-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	100	2.5	U	2.5	U	2.5	U	2.5	U
m/p-Xylenes	179601-23-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Methyl Acetate	79-20-9	5	100	NA							
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Methylcyclohexane	108-87-2	5	100	NA							
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	0.5	10	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	108-88-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	79-01-6	5	100	**0.4**	**J**	0.37	J	0.39	J	0.34	J
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl Chloride	75-01-4	2	40	**0.37**	**J**	0.08	J	**0.14**	J	1	U

Notes:

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Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-18		MW-18		MW-18		MW-18	
LAB ID:				L2227046-05		L2243180-05		L2266928-05		L2306398-05	
COLLECTION DATE:				5/19/2022		8/9/2022		11/29/2022		02/06/2023	
SAMPLE MATRIX:				WATER		WATER		WATER		WATER	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	0.50	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20			-		-		2.5	U
1,1-Dichloroethane	75-34-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	100	0.5	U	0.50	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2	U	2.0	U	2	U	2	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	0.50	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1.0	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1	0.35	7	**0.646**		**0.690**		**0.44**		**0.362**	
2-Butanone	78-93-3	50	1000	5	U	5.0	U	5	U	5	U
2-Hexanone	591-78-6	50	1000	5	U	5.0	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5.0	U	5	U	5	U
Acetone	67-64-1	50	1000	5	U	5.0	U	5	U	5	U
Benzene	71-43-2	1	20	0.5	U	0.50	U	0.5	U	0.5	U
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	1000	0.5	U	0.50	U	0.5	U	0.5	U
Bromoform	75-25-2	50	1000	2	U	2.0	U	2	U	2	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Carbon Disulfide	75-15-0	60	1200	5	U	5.0	U	5	U	5	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	0.50	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	140	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	**1.7**	J	**1.6**	**J**	2.5	U	2.5	U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	0.50	U	0.5	U	0.5	U
Cyclohexane	110-82-7	60	1200			-		-		10	U
Dibromochloromethane	124-48-1	50	1000	0.5	U	0.50	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	5	100	5	U	5.0	U	5	U	5	U
Ethyl Benzene	100-41-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	100	2.5	U	2.5	U	2.5	U	2.5	U
m/p-Xylenes	179601-23-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Methyl Acetate	79-20-9	5	100			-		-		2	U
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Methylcyclohexane	108-87-2	5	100			-		-		10	U
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	0.5	10	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	U	0.50	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	100	0.5	U	0.50	U	0.5	U	0.5	U
Toluene	108-88-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	79-01-6	5	100	0.5	U	**0.39**	**J**	**0.33**	**J**	**0.26**	**J**
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl Chloride	75-01-4	2	40	**0.18**	J	**0.14**	**J**	**0.89**	**J**	**0.18**	**J**

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Exceeds water quality standard

Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-18		MW-18		DUP		MW-18	
LAB ID:				L2327192-05		L2349034-01		L2349034-07		L2367455-03	
COLLECTION DATE:				05/16/2023		08/23/2023		08/23/2023		11/13/2023	
SAMPLE MATRIX:				WATER		WATER		WATER		WATER	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	-		-		-		-	
1,1-Dichloroethane	75-34-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1	0.35	7	**0.339**		**0.46**		**0.419**		**0.239**	
2-Butanone	78-93-3	50	1000	5	U	5	U	5	U	5	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	5	U	**1.7**	**J**	**14**		5	U
Benzene	71-43-2	1	20	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	75-25-2	50	1000	2	U	2	U	2	U	2	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Carbon Disulfide	75-15-0	60	1200	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	140	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	2.5	U	**2.1**	**J**	**2.2**	**J**	**1.1**	**J**
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	60	1200	-		-		-		-	
Dibromochloromethane	124-48-1	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	5	100	5	U	5	U	5	U	5	U
Ethyl Benzene	100-41-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	100	2.5	U	2.5	U	2.5	U	2.5	U
m/p-Xylenes	179601-23-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Methyl Acetate	79-20-9	5	100	-		-		-		-	
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Methylcyclohexane	108-87-2	5	100	-		-		-		-	
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	0.5	10	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	108-88-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	79-01-6	5	100	**0.2**	**J**	0.5	U	**0.18**	**J**	0.5	U
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl Chloride	75-01-4	2	40	**0.13**	**J**	**0.64**	**J**	**0.5**	**J**	**0.58**	**J**

Notes:

1 - NYSDEC Ambient Water Quality Standards and Guidance Values
for Class GA Groundwater

2 - Duplicate samples was collected from MW-16 for 1,4 Dioxane analysis on 3/29/2019; Higher results was reported in th

3 - Duplicate samples was collected from MW-16 for 1,4 Dioxane analysis on 9/26/2019; Higher results was reported in th

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Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-19		MW-19		MW-19		MW-19	
LAB ID:				E3071-06		F1793-06		G1728-06		H2077-08	
COLLECTION DATE:				7/24/2013		3/26/2014		3/30/2015		3/29/2016	
SAMPLE MATRIX:				Water		Water		Water		Water	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	**110**		**0.68**	**J**	1	U	1	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	1	U	1	U	1	U
1,1,2-Trichloroethane	79-00-5	5	100	**0.9**	**JQ**	1	U	1	U	1	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	0.5	U	1	U	1	U	1	U
1,1-Dichloroethane	75-34-3	5	100	**84.9**		1	U	1	U	1	U
1,1-Dichloroethene	75-35-4	5	100	**4.4**		1	U	1	U	1	U
1,2,3-Trichlorobenzene	87-61-6	5	100	0.5	UQ	1	U	1	U	1	U
1,2,4-Trichlorobenzene	120-82-1	5	100	0.5	U	1	U	1	U	1	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	0.5	U	1	U	1	U	1	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	0.5	UQ	1	U	1	U	1	U
1,2-Dichlorobenzene	95-50-1	3	60	0.5	U	1	U	1	U	1	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	1	U	1	U	1	U
1,2-Dichloropropane	78-87-5	1	20	0.5	UQ	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	0.5	U	1	U	1	U	1	U
1,4-Dichlorobenzene	106-46-7	3	60	0.5	U	1	U	1	U	1	U
1,4-Dioxane	123-91-1	0.35	7	NA		NA		NA		NA	
2-Butanone	78-93-3	50	1000	2.5	U	5	U	**1.6**	**J**	5	U
2-Hexanone	591-78-6	50	1000	2.5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	2.5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	2.5	U	**11.2**		**8.9**		**4.9**	**J**
Benzene	71-43-2	1	20	0.5	UQ	1	U	1	U	1	U
Bromochloromethane	74-97-5	10	200	0.5	UQ	1	U	1	U	1	U
Bromodichloromethane	75-27-4	50	1000	0.5	UQ	1	U	1	U	1	U
Bromoform	75-25-2	50	1000	0.5	U	1	U	1	U	1	U
Bromomethane	74-83-9	5	100	0.5	U	1	U	1	U	1	U
Carbon Disulfide	75-15-0	60	1200	0.5	U	1	U	1	U	1	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	1	U	1	U	1	U
Chlorobenzene	108-90-7	5	100	0.5	U	1	U	1	U	1	U
Chloroethane	75-00-3	5	100	0.5	U	1	U	1	U	1	U
Chloroform	67-66-3	7	140	**0.85**	**J**	1	U	1	U	1	U
Chloromethane	74-87-3	5	100	0.5	U	1	U	1	U	1	U
cis-1,2-Dichloroethene	156-59-2	5	100	**120**		1	U	1	U	1	U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	UQ	1	U	1	U	1	U
Cyclohexane	110-82-7	60	1200	0.5	U	1	U	1	U	1	U
Dibromochloromethane	124-48-1	50	1000	0.5	UQ	1	U	1	U	1	U
Dichlorodifluoromethane	75-71-8	5	100	0.5	U	1	U	1	U	1	U
Ethyl Benzene	100-41-4	5	100	0.5	U	1	U	1	U	1	U
Isopropylbenzene	98-82-8	5	100	0.5	U	1	U	1	U	1	U
m/p-Xylenes	179601-23-1	5	100	1	U	2	U	2	U	2	U
Methyl Acetate	79-20-9	5	100	0.5	U	1	U	1	U	1	U
Methyl tert-butyl Ether	1634-04-4	10	200	0.5	U	1	U	1	U	1	U
Methylcyclohexane	108-87-2	5	100	**1**	Q	1	U	1	U	1	U
Methylene Chloride	75-09-2	5	100	0.5	U	1	U	1	U	1	U
o-Xylene	95-47-6	0.5	10	0.5	U	1	U	1	U	1	U
Styrene	100-42-5	5	100	0.5	U	1	U	1	U	1	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	UQ	1	U	1	U	1	U
Tetrachloroethene	127-18-4	5	100	**0.48**	**J**	1	U	1	U	1	U
Toluene	108-88-3	5	100	0.5	UQ	1	U	1	U	1	U
trans-1,2-Dichloroethene	156-60-5	5	100	**1.3**		1	U	1	U	1	U
Trichloroethene	79-01-6	5	100	**53.6**		**5.4**		1	U	1	U
Trichlorofluoromethane	75-69-4	5	100	**0.45**	**J**	1	U	1	U	1	U
Vinyl Chloride	75-01-4	2	40	0.5	U	1	U	1	U	1	U

Notes:

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for Class GA Groundwater

2 - Duplicate samples was collected from MW-16 for 1,4 Dioxane analysis on 3/29/2019; Higher results was reported in th

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Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-19	MW-19	MW-19	MW-19
LAB ID:				I2509-10	I5497-09	J2190-03	J5032-03
COLLECTION DATE:				3/30/2017	9/27/2017	4/2/2018	9/20/2018
SAMPLE MATRIX:				Water	Water	Water	Water
UNITS:				Conc. (ug/L)	Conc. (ug/L)	Conc. (ug/L)	Conc. (ug/L)
COMPOUND	**CAS #**	**ug/L**	**ug/L**				
1,1,1-Trichloroethane	71-55-6	5	100	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	79-00-5	5	100	1 U	1 U	1 U	1 U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	1 U	1 U	1 U	1 U
1,1-Dichloroethane	75-34-3	5	100	1 U	1 U	1 U	1 U
1,1-Dichloroethene	75-35-4	5	100	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	87-61-6	5	100	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	120-82-1	5	100	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	1 U	1 U	1 U	1 U
1,2-Dibromoethane	106-93-4	0.0006	0.012	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	95-50-1	3	60	1 U	1 U	1 U	1 U
1,2-Dichloroethane	107-06-2	0.6	12	1 U	1 U	1 U	1 U
1,2-Dichloropropane	78-87-5	1	20	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	541-73-1	3	60	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	106-46-7	3	60	1 U	1 U	1 U	1 U
1,4-Dioxane	123-91-1	0.35	7	NA	NA	NA	**0.094**
2-Butanone	78-93-3	50	1000	5 U	5 U	5 U	5 U
2-Hexanone	591-78-6	50	1000	5 U	5 U	5 U	5 U
4-Methyl-2-Pentanone	108-10-1	5	100	5 U	5 U	5 U	5 U
Acetone	67-64-1	50	1000	**13.3**	5 U	**6.1**	5 U
Benzene	71-43-2	1	20	1 U	1 U	1 U	1 U
Bromochloromethane	74-97-5	10	200	1 U	1 U	1 U	1 U
Bromodichloromethane	75-27-4	50	1000	1 U	1 U	1 U	1 U
Bromoform	75-25-2	50	1000	1 U	1 U	1 U	1 U
Bromomethane	74-83-9	5	100	1 U	1 U	1 U	1 U
Carbon Disulfide	75-15-0	60	1200	1 U	1 U	1 U	1 U
Carbon Tetrachloride	56-23-5	5	100	1 U	1 U	1 U	1 U
Chlorobenzene	108-90-7	5	100	1 U	1 U	1 U	1 U
Chloroethane	75-00-3	5	100	1 U	1 U	1 U	1 U
Chloroform	67-66-3	7	140	1 U	1 U	1 U	1 U
Chloromethane	74-87-3	5	100	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	156-59-2	5	100	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	1 U	1 U	1 U	1 U
Cyclohexane	110-82-7	60	1200	1 U	1 U	1 U	1 U
Dibromochloromethane	124-48-1	50	1000	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	75-71-8	5	100	1 U	1 U	1 U	1 U
Ethyl Benzene	100-41-4	5	100	1 U	1 U	1 U	1 U
Isopropylbenzene	98-82-8	5	100	1 U	1 U	1 U	1 U
m/p-Xylenes	179601-23-1	5	100	2 U	2 U	2 U	2 U
Methyl Acetate	79-20-9	5	100	1 U	1 U	1 U	1 U
Methyl tert-butyl Ether	1634-04-4	10	200	1 U	1 U	1 U	1 U
Methylcyclohexane	108-87-2	5	100	1 U	1 U	1 U	1 U
Methylene Chloride	75-09-2	5	100	1 U	1 U	1 U	1 U
o-Xylene	95-47-6	0.5	10	1 U	1 U	1 U	1 U
Styrene	100-42-5	5	100	1 U	1 U	1 U	1 U
t-1,3-Dichloropropene	10061-02-6	5	100	1 U	1 U	1 U	1 U
Tetrachloroethene	127-18-4	5	100	1 U	1 U	1 U	1 U
Toluene	108-88-3	5	100	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	156-60-5	5	100	1 U	1 U	1 U	1 U
Trichloroethene	79-01-6	5	100	**2.1**	1 U	1 U	1 U
Trichlorofluoromethane	75-69-4	5	100	1 U	1 U	1 U	1 U
Vinyl Chloride	75-01-4	2	40	1 U	1 U	1 U	1 U

Notes:

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Long Island, Queens, New York

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LAB ID:				L1912651-02, R1902765-002		L1944801-06, R1909479-006		L2013878-05, R2002658-005		L2040141-02, R2008919-002	
COLLECTION DATE:				3/29/2019		9/26/2019		3/30/2020		9/23/2020	
SAMPLE MATRIX:				Water		Water		Water		Water	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	NA		NA		NA		NA	
1,1-Dichloroethane	75-34-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1	0.35	7	0.045	U	**0.042**		**0.056**		**0.041**	**J**
2-Butanone	78-93-3	50	1000	5	U	**3.9**	**J**	5	U	**3.4**	**J**
2-Hexanone	591-78-6	50	1000	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	**44**		**100**		**4.5**		**110**	
Benzene	71-43-2	1	20	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	75-25-2	50	1000	2	U	2	U	2	U	2	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Carbon Disulfide	75-15-0	60	1200	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	140	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	2.5	U	2.5	U	**1.2**		2.5	U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	60	1200		U	10	U	NA		NA	
Dibromochloromethane	124-48-1	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	5	100	5	U	5	U	5	U	5	U
Ethyl Benzene	100-41-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	100	2.5	U	2.5	U	2.5	U	2.5	U
m/p-Xylenes	179601-23-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Methyl Acetate	79-20-9	5	100	**1.1**	J	2	U	NA		NA	
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Methylcyclohexane	108-87-2	5	100		U	10	U	NA		NA	
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	0.5	10	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	108-88-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	79-01-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl Chloride	75-01-4	2	40	1	U	1	U	1	U	1	U

Notes:

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3 - Duplicate samples was collected from MW-16 for 1,4 Dioxane analysis on 9/26/2019; Higher results was reported in th

ug/L - The units are in micrograms per liter.

Conc - Concentration

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D - dilution required

U - non-detect

NA - not analyzed

BOLDED = detection

Exceeds water quality standard

Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-19		MW-19		MW-19		MW-19	
LAB ID:				L2052855-08		L2106812-04		L2126170-04		L2142859-05	
COLLECTION DATE:				11/24/2020		2/11/2021		5/18/2021		8/10/2021	
SAMPLE MATRIX:				GW		GW		GW		WATER	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	NA		NA		NA		NA	
1,1-Dichloroethane	75-34-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1	0.35	7	**0.143**		0.17	U	**0.127**	**J**	**0.215**	
2-Butanone	78-93-3	50	1000	5	U	5	U	5	U	5	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	5	U	5	U	5	U	5	U
Benzene	71-43-2	1	20	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	75-25-2	50	1000	2	U	2	U	2	U	2	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Carbon Disulfide	75-15-0	60	1200	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	140	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	2.5	U	2.5	U	2.5	U	**1.3**	**J**
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	60	1200	10	U	NA		NA		NA	
Dibromochloromethane	124-48-1	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	5	100	5	U	5	U	5	U	5	U
Ethyl Benzene	100-41-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	100	2.5	U	2.5	U	2.5	U	2.5	U
m/p-Xylenes	179601-23-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Methyl Acetate	79-20-9	5	100	2	U	NA		NA		NA	
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Methylcyclohexane	108-87-2	5	100	10	U	NA		NA		NA	
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	0.5	10	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	108-88-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	79-01-6	5	100	**0.79**		**0.29**	**J**	**0.19**	**J**	**1**	
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl Chloride	75-01-4	2	40	1	U	1	U	1	U	0.2	J

Notes:

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Exceeds water quality standard

Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-19		MW-19		MW-19		MW-19	
LAB ID:				L2161998-04		L2208232-03		L2227046-06		L2243180-06	
COLLECTION DATE:				11/10/2021		2/16/2022		5/19/2022		8/9/2022	
SAMPLE MATRIX:				WATER		WATER		WATER		WATER	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	2.5	U	1.3	J	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	NA							
1,1-Dichloroethane	75-34-3	5	100	2.5	U	2.5	U	0.88	J	2.5	U
1,1-Dichloroethene	75-35-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1	0.35	7	**0.357**		**0.269**		**1.67**		**0.25**	
2-Butanone	78-93-3	50	1000	5	U	5	U	5	U	5	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	5	U	5	U	5	U	2	J
Benzene	71-43-2	1	20	0.5	U	0.5	U	0.5	U	0.43	J
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	75-25-2	50	1000	2	U	2	U	2	U	2	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Carbon Disulfide	75-15-0	60	1200	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	140	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	**0.93**	**J**	3.4	U	3.7	U	1.6	J
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	60	1200	NA					U		
Dibromochloromethane	124-48-1	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	5	100	5	U	5	U	5	U	5	U
Ethyl Benzene	100-41-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	100	2.5	U	2.5	U	2.5	U	2.5	U
m/p-Xylenes	179601-23-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Methyl Acetate	79-20-9	5	100	NA					U		
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Methylcyclohexane	108-87-2	5	100	NA					U		
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	0.5	10	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	108-88-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	79-01-6	5	100	**0.2**	**J**	0.5	U	2.8	U	1.1	U
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl Chloride	75-01-4	2	40	1.4		0.18	J	0.35	J	0.32	J

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Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-19		MW-19		DUP		MW-19	
LAB ID:				L2266928-04		L2306398-06		L2306398-08		L2327192-06	
COLLECTION DATE:				11/29/2022		02/06/2023		02/06/2023		05/16/2023	
SAMPLE MATRIX:				WATER		WATER		WATER		WATER	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	-		2.5	U	2.5	U	-	
1,1-Dichloroethane	75-34-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1	0.35	7	**0.28**		**0.573**		**0.46**		**0.223**	
2-Butanone	78-93-3	50	1000	5	U	5	U	5	U	5	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	**2.2**	**J**	5	U	5	U	5	U
Benzene	71-43-2	1	20	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	75-25-2	50	1000	2	U	2	U	2	U	2	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Carbon Disulfide	75-15-0	60	1200	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	140	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	**1.9**	**J**	**2.4**	**J**	**2.2**	**J**	**1.6**	**J**
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	60	1200	-		10	U	10	U	-	
Dibromochloromethane	124-48-1	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	5	100	5	U	5	U	5	U	5	U
Ethyl Benzene	100-41-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	100	2.5	U	2.5	U	2.5	U	2.5	U
m/p-Xylenes	179601-23-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Methyl Acetate	79-20-9	5	100	-		2	U	2	U	-	
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Methylcyclohexane	108-87-2	5	100	-		10	U	10	U	-	
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	0.5	10	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	108-88-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	79-01-6	5	100	**0.4**	**J**	**0.66**		**0.9**		**0.24**	**J**
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl Chloride	75-01-4	2	40	**0.22**	**J**	**0.22**	**J**	**0.18**	**J**	**0.63**	**J**

Notes:

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for Class GA Groundwater

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3 - Duplicate samples was collected from MW-16 for 1,4 Dioxane analysis on 9/26/2019; Higher results was reported in th

ug/L - The units are in micrograms per liter.

Conc - Concentration

Q - Laboratory data qualifier.

J - estimated value/data indicates the presence of a compound that meets the identification criteria. The result is less tha

D - dilution required

U - non-detect

NA - not analyzed

BOLDED = detection

Exceeds water quality standard

Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-19		MW-19		MW-20		MW-20	
LAB ID:				L2348798-03		L2367455-06		E3071-07		F1793-07	
COLLECTION DATE:				08/22/2023		11/13/2023		7/24/2013		3/26/2014	
SAMPLE MATRIX:				WATER		WATER		Water		Water	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	2.5	U	**1.2**		1	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	0.5	U	0.5	U	1	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	0.5	U	1	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	-		-		0.5	U	1	U
1,1-Dichloroethane	75-34-3	5	100	2.5	U	2.5	U	**2.3**		1	U
1,1-Dichloroethene	75-35-4	5	100	0.5	U	0.5	U	0.5	U	1	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	0.5	U	1	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	0.5	U	1	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	0.5	U	1	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2	U	2	U	0.5	U	1	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	0.5	U	1	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	0.5	U	0.5	U	1	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	0.5	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	2.5	U	0.5	U	1	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	0.5	U	1	U
1,4-Dioxane	123-91-1	0.35	7	**0.448**		**0.339**		NA		NA	
2-Butanone	78-93-3	50	1000	5	U	5	U	**8.9**		5	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	2.5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	2.5	U	5	U
Acetone	67-64-1	50	1000	5	U	5	U	**2.2**	**J**	**13.3**	
Benzene	71-43-2	1	20	0.5	U	0.5	U	**2.5**		1	U
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	0.5	UQ	1	U
Bromodichloromethane	75-27-4	50	1000	0.5	U	0.5	U	0.5	U	1	U
Bromoform	75-25-2	50	1000	2	U	2	U	0.5	U	1	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	0.5	U	1	U
Carbon Disulfide	75-15-0	60	1200	5	U	5	U	0.5	U	1	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	0.5	U	0.5	U	1	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	0.5	U	1	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	0.5	U	1	U
Chloroform	67-66-3	7	140	2.5	U	2.5	U	0.5	U	1	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	0.5	U	1	U
cis-1,2-Dichloroethene	156-59-2	5	100	2.5	U	**0.93**	**J**	**1.4**		1	U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	0.5	U	0.5	U	1	U
Cyclohexane	110-82-7	60	1200	-		-		0.5	U	1	U
Dibromochloromethane	124-48-1	50	1000	0.5	U	0.5	U	0.5	U	1	U
Dichlorodifluoromethane	75-71-8	5	100	5	U	5	U	0.5	U	1	U
Ethyl Benzene	100-41-4	5	100	2.5	U	2.5	U	**1.4**		1	U
Isopropylbenzene	98-82-8	5	100	2.5	U	2.5	U	0.5	U	1	U
m/p-Xylenes	179601-23-1	5	100	2.5	U	2.5	U	**4.3**		2	U
Methyl Acetate	79-20-9	5	100	-		-		0.5	U	1	U
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	2.5	U	**1.7**		1	U
Methylcyclohexane	108-87-2	5	100	-		-		0.5	U	1	U
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	0.5	U	1	U
o-Xylene	95-47-6	0.5	10	2.5	U	2.5	U	**2**		1	U
Styrene	100-42-5	5	100	2.5	U	2.5	U	0.5	U	1	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	U	0.5	U	0.5	U	1	U
Tetrachloroethene	127-18-4	5	100	0.5	U	0.5	U	0.5	U	1	U
Toluene	108-88-3	5	100	2.5	U	2.5	U	**0.73**	**J**	1	U
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	0.5	U	1	U
Trichloroethene	79-01-6	5	100	**0.52**		**0.65**		0.5	U	1	U
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	0.5	UQ	1	U
Vinyl Chloride	75-01-4	2	40	**0.31**	**J**	**1.3**		**0.99**	**J**	1	U

Notes:

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Exceeds water quality standard

Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-20		MW-20		MW-20		MW-20	
LAB ID:				G1728-07		H2077-06		I2509-11		I5497-10	
COLLECTION DATE:				3/30/2015		3/29/2016		3/30/2017		9/27/2017	
SAMPLE MATRIX:				Water		Water		Water		Water	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	1	U	1	U	1	U	1	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	79-00-5	5	100	1	U	1	U	1	U	1	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	1	U	1	U	1	U	1	U
1,1-Dichloroethane	75-34-3	5	100	1	U	1	U	1	U	1	U
1,1-Dichloroethene	75-35-4	5	100	1	U	1	U	1	U	1	U
1,2,3-Trichlorobenzene	87-61-6	5	100	1	U	1	U	1	U	1	U
1,2,4-Trichlorobenzene	120-82-1	5	100	1	U	1	U	1	U	1	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	1	U	1	U	1	U	1	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene	95-50-1	3	60	1	U	1	U	1	U	1	U
1,2-Dichloroethane	107-06-2	0.6	12	1	U	1	U	1	U	1	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene	106-46-7	3	60	1	U	1	U	1	U	1	U
1,4-Dioxane	123-91-1	0.35	7	NA		NA		NA		NA	
2-Butanone	78-93-3	50	1000	5	U	5	U	5	U	5	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	**8.1**		**5.6**		**14.2**		5	U
Benzene	71-43-2	1	20	1	U	1	U	**1.9**		**1.4**	
Bromochloromethane	74-97-5	10	200	1	U	1	U	1	U	1	U
Bromodichloromethane	75-27-4	50	1000	1	U	1	U	1	U	1	U
Bromoform	75-25-2	50	1000	1	U	1	U	1	U	1	U
Bromomethane	74-83-9	5	100	1	U	1	U	1	U	1	U
Carbon Disulfide	75-15-0	60	1200	1	U	1	U	1	U	1	U
Carbon Tetrachloride	56-23-5	5	100	1	U	1	U	1	U	1	U
Chlorobenzene	108-90-7	5	100	1	U	1	U	1	U	1	U
Chloroethane	75-00-3	5	100	1	U	1	U	1	U	1	U
Chloroform	67-66-3	7	140	1	U	1	U	1	U	1	U
Chloromethane	74-87-3	5	100	1	U	1	U	1	U	1	U
cis-1,2-Dichloroethene	156-59-2	5	100	1	U	1	U	1	U	1	U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	1	U	1	U	1	U	1	U
Cyclohexane	110-82-7	60	1200	1	U	1	U	1	U	1	U
Dibromochloromethane	124-48-1	50	1000	1	U	1	U	1	U	1	U
Dichlorodifluoromethane	75-71-8	5	100	1	U	1	U	1	U	1	U
Ethyl Benzene	100-41-4	5	100	1	U	1	U	1	U	1	U
Isopropylbenzene	98-82-8	5	100	1	U	1	U	1	U	1	U
m/p-Xylenes	179601-23-1	5	100	2	U	2	U	2	U	2	U
Methyl Acetate	79-20-9	5	100	1	U	1	U	1	U	1	U
Methyl tert-butyl Ether	1634-04-4	10	200	1	U	1	U	1	U	1	U
Methylcyclohexane	108-87-2	5	100	1	U	1	U	1	U	1	U
Methylene Chloride	75-09-2	5	100	1	U	1	U	1	U	1	U
o-Xylene	95-47-6	0.5	10	1	U	1	U	1	U	1	U
Styrene	100-42-5	5	100	1	U	1	U	1	U	1	U
t-1,3-Dichloropropene	10061-02-6	5	100	1	U	1	U	1	U	1	U
Tetrachloroethene	127-18-4	5	100	1	U	**0.8**	**J**	1	U	1	U
Toluene	108-88-3	5	100	1	U	1	U	1	U	1	U
trans-1,2-Dichloroethene	156-60-5	5	100	1	U	1	U	1	U	1	U
Trichloroethene	79-01-6	5	100	1	U	1	U	1	U	1	U
Trichlorofluoromethane	75-69-4	5	100	1	U	1	U	1	U	1	U
Vinyl Chloride	75-01-4	2	40	1	U	1	U	1	U	1	U

Notes:

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Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-20 DUP		MW-20		MW-20		MW-20	
LAB ID:				J2190-02		J5032-02		L1912651-03		L1944801-07, R1909479-007	
COLLECTION DATE:				9/27/2017		9/20/2018		3/29/2019		9/26/2019	
SAMPLE MATRIX:				Water		Water		Water		Water	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	1	U	1	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	1	U	1	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	5	100	1	U	1	U	1.5	U	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	1	U	1	U	NA		NA	
1,1-Dichloroethane	75-34-3	5	100	1	U	1	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	100	1	U	1	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	100	1	U	1	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	1	U	1	U	2.5	U	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	1	U	1	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	1	U	1	U	2	U	2	U
1,2-Dichlorobenzene	95-50-1	3	60	1	U	1	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	1	U	1	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	1	U	1	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	60	1	U	1	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1	0.35	7	**0.19**		**0.19**		0.11		0.07	
2-Butanone	78-93-3	50	1000	5	U	5	U	5	U	**3.4**	J
2-Hexanone	591-78-6	50	1000	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	**5.9**		5	U	**42**		**94**	
Benzene	71-43-2	1	20	1	U	1	U	0.5	U	0.5	U
Bromochloromethane	74-97-5	10	200	1	U	1	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	1000	1	U	1	U	0.5	U	0.5	U
Bromoform	75-25-2	50	1000	1	U	1	U	2	U	2	U
Bromomethane	74-83-9	5	100	1	U	1	U	2.5	U	2.5	U
Carbon Disulfide	75-15-0	60	1200	1	U	1	U	5	U	5	U
Carbon Tetrachloride	56-23-5	5	100	1	U	1	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	5	100	1	U	1	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	100	1	U	1	U	2.5	U	2.5	U
Chloroform	67-66-3	7	140	1	U	1	U	2.5	U	2.5	U
Chloromethane	74-87-3	5	100	1	U	1	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	1	U	1	U	2.5	U	2.5	U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	1	U	1	U	0.5	U	0.5	U
Cyclohexane	110-82-7	60	1200	1	U	1	U		U	10	U
Dibromochloromethane	124-48-1	50	1000	1	U	1	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	5	100	1	U	1	U	5	U	5	U
Ethyl Benzene	100-41-4	5	100	1	U	1	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	100	1	U	1	U	2.5	U	2.5	U
m/p-Xylenes	179601-23-1	5	100	2	U	2	U	2.5	U	2.5	U
Methyl Acetate	79-20-9	5	100	1	U	1	U	**0.88**	**J**	2	U
Methyl tert-butyl Ether	1634-04-4	10	200	1	U	1	U	2.5	U	2.5	U
Methylcyclohexane	108-87-2	5	100	1	U	1	U		U	10	U
Methylene Chloride	75-09-2	5	100	1	U	1	U	2.5	U	2.5	U
o-Xylene	95-47-6	0.5	10	1	U	1	U	2.5	U	2.5	U
Styrene	100-42-5	5	100	1	U	1	U	2.5	U	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	1	U	1	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	100	1	U	1	U	0.5	U	0.5	U
Toluene	108-88-3	5	100	1	U	1	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	100	1	U	1	U	2.5	U	2.5	U
Trichloroethene	79-01-6	5	100	1	U	1	U	0.5	U	0.5	U
Trichlorofluoromethane	75-69-4	5	100	1	U	1	U	2.5	U	2.5	U
Vinyl Chloride	75-01-4	2	40	1	U	1	U	1	U	1	U

Notes:

1 - NYSDEC Ambient Water Quality Standards and Guidance Values
for Class GA Groundwater

2 - Duplicate samples was collected from MW-16 for 1,4 Dioxane analysis on 3/29/2019; Higher results was reported in th

3 - Duplicate samples was collected from MW-16 for 1,4 Dioxane analysis on 9/26/2019; Higher results was reported in th

ug/L - The units are in micrograms per liter.

Conc - Concentration

Q - Laboratory data qualifier.

J - estimated value/data indicates the presence of a compound that meets the identification criteria. The result is less tha

D - dilution required

U - non-detect

NA - not analyzed

BOLDED = detection

Exceeds water quality standard

Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-20		MW-20		MW-20		MW-20-DUP	
LAB ID:				L2013878-06, R2002658-006		L2040141-01, R2008919-001		L2052855-09		L2052855-10	
COLLECTION DATE:				3/30/2020		9/23/2020		11/24/2020		11/24/2020	
SAMPLE MATRIX:				Water		Water		GW		GW	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	NA		NA		NA		NA	
1,1-Dichloroethane	75-34-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	2.5	U	**2.5**	U	**2.5**	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1	0.35	7	**0.096**		**0.085**		0.0654	J	0.0841	J
2-Butanone	78-93-3	50	1000	5	U	**2.1**	J	5	U	5	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	**3.3**		**110**		5	U	5	U
Benzene	71-43-2	1	20	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	75-25-2	50	1000	2	U	2	U	2	U	2	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Carbon Disulfide	75-15-0	60	1200	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	140	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	**3.2**		2.5	U	2.5	U	2.5	U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	60	1200	NA		NA		10	U	10	U
Dibromochloromethane	124-48-1	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	5	100	5	U	5	U	5	U	5	U
Ethyl Benzene	100-41-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	100	2.5	U	2.5	U	2.5	U	2.5	U
m/p-Xylenes	179601-23-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Methyl Acetate	79-20-9	5	100	NA		NA		2	U	2	U
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Methylcyclohexane	108-87-2	5	100	NA		NA		10	U	10	U
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	0.5	10	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	108-88-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	**1.2**	**J**	**0.86**	**J**
Trichloroethene	79-01-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl Chloride	75-01-4	2	40	1	U	1	U	1	U	1	U

Notes:

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3 - Duplicate samples was collected from MW-16 for 1,4 Dioxane analysis on 9/26/2019; Higher results was reported in th

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Exceeds water quality standard

Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-20		MW-20		MW-20-DUP		MW-20	
LAB ID:				L2106812-05		L2126170-03		L2126170-06		L2142605-02	
COLLECTION DATE:				2/11/2021		5/18/2021		5/18/2021		8/9/2021	
SAMPLE MATRIX:				GW		GW		GW		WATER	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	NA		NA		NA		NA	
1,1-Dichloroethane	75-34-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	**2.5**	U	**2.5**	U	**2.5**	U	**2.5**	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1	0.35	7	0.15	U	**0.246**		**0.179**		**0.357**	
2-Butanone	78-93-3	50	1000	5	U	5	U	5	U	5	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	5	U	5	U	5	U	5	U
Benzene	71-43-2	1	20	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	75-25-2	50	1000	2	U	2	U	2	U	2	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Carbon Disulfide	75-15-0	60	1200	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	140	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	60	1200	NA		NA		NA		NA	
Dibromochloromethane	124-48-1	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	5	100	5	U	5	U	5	U	5	U
Ethyl Benzene	100-41-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	100	2.5	U	2.5	U	2.5	U	2.5	U
m/p-Xylenes	179601-23-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Methyl Acetate	79-20-9	5	100	NA		NA		NA		NA	
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Methylcyclohexane	108-87-2	5	100	NA		NA		NA		NA	
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	0.5	10	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	108-88-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	79-01-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl Chloride	75-01-4	2	40	1	U	**0.19**	**J**	**0.16**	**J**	**0.38**	**J**

Notes:

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3 - Duplicate samples was collected from MW-16 for 1,4 Dioxane analysis on 9/26/2019; Higher results was reported in th

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Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-20-DUP		MW-20		MW-20		MW-20	
LAB ID:				L2142605-03		L2161998-05		L2208232-02		L2227046-07	
COLLECTION DATE:				8/9/2021		11/10/2021		2/16/2022		5/19/2022	
SAMPLE MATRIX:				WATER		WATER		WATER		WATER	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	NA		NA					
1,1-Dichloroethane	75-34-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	**2.5**	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1	0.35	7	**0.35**		**0.424**		**0.286**		**0.36**	
2-Butanone	78-93-3	50	1000	5	U	5	U	5	U	5	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	5	U	5	U	5	U	5	U
Benzene	71-43-2	1	20	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	75-25-2	50	1000	2	U	2	U	2	U	2	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Carbon Disulfide	75-15-0	60	1200	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	140	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	2.5	U	2.5	U	2.5	U	1	J
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	60	1200	NA		NA					
Dibromochloromethane	124-48-1	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	5	100	5	U	5	U	5	U	5	U
Ethyl Benzene	100-41-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	100	2.5	U	2.5	U	2.5	U	2.5	U
m/p-Xylenes	179601-23-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Methyl Acetate	79-20-9	5	100	NA		NA					
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Methylcyclohexane	108-87-2	5	100	NA		NA					
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	0.5	10	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	108-88-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	79-01-6	5	100	0.19	J	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl Chloride	75-01-4	2	40	**0.36**	**J**	**0.76**	**J**	1	U	0.15	J

Notes:

1 - NYSDEC Ambient Water Quality Standards and Guidance Values
for Class GA Groundwater

2 - Duplicate samples was collected from MW-16 for 1,4 Dioxane analysis on 3/29/2019; Higher results was reported in th

3 - Duplicate samples was collected from MW-16 for 1,4 Dioxane analysis on 9/26/2019; Higher results was reported in th

ug/L - The units are in micrograms per liter.

Conc - Concentration

Q - Laboratory data qualifier.

J - estimated value/data indicates the presence of a compound that meets the identification criteria. The result is less tha

D - dilution required

U - non-detect

NA - not analyzed

BOLDED = detection

Exceeds water quality standard

Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	DUPLICATE		SMP_MW-20		DUPLICATE		MW-20	
LAB ID:				L2227046-08		L2243180-07		L2243180-08		L2266928-02	
COLLECTION DATE:				5/19/2022		8/9/2022		8/10/2022		11/28/2022	
SAMPLE MATRIX:				WATER		WATER		WATER		WATER	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20							-	
1,1-Dichloroethane	75-34-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1	0.35	7	**0.335**		**0.376**		**0.382**		**0.394**	
2-Butanone	78-93-3	50	1000	5	U	5	U	5	U	5	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	5	U	2.1	J	5	U	5	U
Benzene	71-43-2	1	20	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	75-25-2	50	1000	2	U	2	U	2	U	2	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Carbon Disulfide	75-15-0	60	1200	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	140	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	1.3	J	1.7	J	1.4	J	**2.7**	
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	60	1200							-	
Dibromochloromethane	124-48-1	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	5	100	5	U	5	U	5	U	5	U
Ethyl Benzene	100-41-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	100	2.5	U	2.5	U	2.5	U	2.5	U
m/p-Xylenes	179601-23-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Methyl Acetate	79-20-9	5	100							-	
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Methylcyclohexane	108-87-2	5	100							-	
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	0.5	10	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	100	0.5	U	0.5	U	0.5	U	**0.57**	
Toluene	108-88-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	79-01-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl Chloride	75-01-4	2	40	0.16	J	0.09	J	1	U	**0.28**	**J**

Notes:

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Exceeds water quality standard

Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	DUP		MW-20		MW-20		MW-20	
LAB ID:				L2266928-03		L2306398-07		L2327192-07		L2348798-02	
COLLECTION DATE:				11/28/2022		02/06/2023		05/16/2023		08/22/2023	
SAMPLE MATRIX:				WATER		WATER		WATER		WATER	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	-		2.5	U	-		-	
1,1-Dichloroethane	75-34-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1	0.35	7	**0.376**		**0.385**		**0.386**		**0.467**	
2-Butanone	78-93-3	50	1000	5	U	5	U	5	U	5	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	**2.2**	**J**	5	U	5	U	5	U
Benzene	71-43-2	1	20	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	75-25-2	50	1000	2	U	2	U	2	U	2	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Carbon Disulfide	75-15-0	60	1200	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	140	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	**3.1**		**2.1**	**J**	2.5	U	2.5	U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	60	1200	-		10	U	-		-	
Dibromochloromethane	124-48-1	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	5	100	5	U	5	U	5	U	5	U
Ethyl Benzene	100-41-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	100	2.5	U	2.5	U	2.5	U	2.5	U
m/p-Xylenes	179601-23-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Methyl Acetate	79-20-9	5	100	-		2	U	-		-	
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Methylcyclohexane	108-87-2	5	100	-		10	U	-		-	
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	0.5	10	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	100	**0.59**		0.5	U	0.5	U	0.5	U
Toluene	108-88-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	79-01-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl Chloride	75-01-4	2	40	**0.27**	**J**	1	U	**0.19**	**J**	**0.1**	**J**

Notes:

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for Class GA Groundwater

2 - Duplicate samples was collected from MW-16 for 1,4 Dioxane analysis on 3/29/2019; Higher results was reported in th

3 - Duplicate samples was collected from MW-16 for 1,4 Dioxane analysis on 9/26/2019; Higher results was reported in th

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Exceeds water quality standard

Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	MW-20		FIELD BLANK		FIELD BLANK		FIELD BLANK	
LAB ID:				L2367455-07		E3071-08		F1793-08		G1728-08	
COLLECTION DATE:				11/13/2023		7/24/2013		3/26/2014		3/30/2015	
SAMPLE MATRIX:				WATER		Water		Water		Water	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	0.5	U	1	U	1	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	0.5	U	1	U	1	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	0.5	U	1	U	1	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	-		0.5	U	1	U	1	U
1,1-Dichloroethane	75-34-3	5	100	2.5	U	0.5	U	1	U	1	U
1,1-Dichloroethene	75-35-4	5	100	0.5	U	0.5	U	1	U	1	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	0.5	U	1	U	1	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	0.5	U	1	U	1	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	0.5	U	1	U	1	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2	U	0.5	U	1	U	1	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	0.5	U	1	U	1	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	0.5	U	1	U	1	U
1,2-Dichloropropane	78-87-5	1	20	1	U	0.5	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	0.5	U	1	U	1	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	0.5	U	1	U	1	U
1,4-Dioxane	123-91-1	0.35	7	**0.469**		NA		NA		NA	
2-Butanone	78-93-3	50	1000	5	U	2.5	U	5	U	5	U
2-Hexanone	591-78-6	50	1000	5	U	2.5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	2.5	U	5	U	5	U
Acetone	67-64-1	50	1000	5	U	2.5	U	5	U	5	U
Benzene	71-43-2	1	20	0.5	U	0.5	U	1	U	1	U
Bromochloromethane	74-97-5	10	200	2.5	U	0.5	UQ	1	U	1	U
Bromodichloromethane	75-27-4	50	1000	0.5	U	0.5	U	1	U	1	U
Bromoform	75-25-2	50	1000	2	U	0.5	U	1	U	1	U
Bromomethane	74-83-9	5	100	2.5	U	0.5	U	1	U	1	U
Carbon Disulfide	75-15-0	60	1200	5	U	0.5	U	1	U	1	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	0.5	U	1	U	1	U
Chlorobenzene	108-90-7	5	100	2.5	U	0.5	U	1	U	1	U
Chloroethane	75-00-3	5	100	2.5	U	0.5	U	1	U	1	U
Chloroform	67-66-3	7	140	2.5	U	0.5	U	1	U	1	U
Chloromethane	74-87-3	5	100	2.5	U	0.5	U	1	U	1	U
cis-1,2-Dichloroethene	156-59-2	5	100	**0.73**	**J**	0.5	U	1	U	1	U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	0.5	U	1	U	1	U
Cyclohexane	110-82-7	60	1200	-		0.5	U	1	U	1	U
Dibromochloromethane	124-48-1	50	1000	0.5	U	0.5	U	1	U	1	U
Dichlorodifluoromethane	75-71-8	5	100	5	U	0.5	U	1	U	1	U
Ethyl Benzene	100-41-4	5	100	2.5	U	0.5	U	1	U	1	U
Isopropylbenzene	98-82-8	5	100	2.5	U	0.5	U	1	U	1	U
m/p-Xylenes	179601-23-1	5	100	2.5	U	1	U	2	U	2	U
Methyl Acetate	79-20-9	5	100	-		0.5	U	1	U	1	U
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	0.5	U	1	U	1	U
Methylcyclohexane	108-87-2	5	100	-		0.5	U	1	U	1	U
Methylene Chloride	75-09-2	5	100	2.5	U	0.5	U	1	U	1	U
o-Xylene	95-47-6	0.5	10	2.5	U	0.5	U	1	U	1	U
Styrene	100-42-5	5	100	2.5	U	0.5	U	1	U	1	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	U	0.5	U	1	U	1	U
Tetrachloroethene	127-18-4	5	100	0.5	U	0.5	U	1	U	1	U
Toluene	108-88-3	5	100	2.5	U	0.5	U	1	U	1	U
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	0.5	U	1	U	1	U
Trichloroethene	79-01-6	5	100	0.5	U	0.5	U	1	U	1	U
Trichlorofluoromethane	75-69-4	5	100	2.5	U	0.5	UQ	1	U	1	U
Vinyl Chloride	75-01-4	2	40	**0.21**	**J**	0.5	U	1	U	1	U

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Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	FIELD BLANK		FIELD BLANK		FIELD BLANK		FIELD BLANK	
LAB ID:				L1912651-09, R1902765-009		L1944801-09, R1909479-009		L2013878-08		L2040141-09	
COLLECTION DATE:				3/29/2019		9/26/2019		3/30/2020		9/23/2020	
SAMPLE MATRIX:				Water		Water		Water		Water	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	NA		NA		NA		NA	
1,1-Dichloroethane	75-34-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1	0.35	7	**0.035**	**J**	0.04	U	250	U	250	U
2-Butanone	78-93-3	50	1000	5	U	5	U	5	U	5	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	**3.6**	**J**	5	U	5	U	**1.5**	**J**
Benzene	71-43-2	1	20	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	75-25-2	50	1000	2	U	2	U	2	U	2	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Carbon Disulfide	75-15-0	60	1200	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	140	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	60	1200	2.5	U	10	U	NA		NA	
Dibromochloromethane	124-48-1	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	5	100	5	U	5	U	5	U	5	U
Ethyl Benzene	100-41-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	100	2.5	U	2.5	U	2.5	U	2.5	U
m/p-Xylenes	179601-23-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Methyl Acetate	79-20-9	5	100		U	2	U	NA		NA	
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Methylcyclohexane	108-87-2	5	100		U	10	U	NA		NA	
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	0.5	10	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	108-88-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	79-01-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl Chloride	75-01-4	2	40	1	U	1	U	1	U	1	U

Notes:

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for Class GA Groundwater

2 - Duplicate samples was collected from MW-16 for 1,4 Dioxane analysis on 3/29/2019; Higher results was reported in th

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Conc - Concentration

Q - Laboratory data qualifier.

J - estimated value/data indicates the presence of a compound that meets the identification criteria. The result is less tha

D - dilution required

U - non-detect

NA - not analyzed

BOLDED = detection

Exceeds water quality standard

Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	FIELD BLANK		FIELD BLANK		FIELD BLANK		FIELD BLANK	
LAB ID:				L2052855-01		L2052855-02		L2106812-06		L2107134-03	
COLLECTION DATE:				11/24/2020		11/25/2020		2/11/2021		2/12/2021	
SAMPLE MATRIX:				Field Blank		Field Blank		Field Blank		Field Blank	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	NA		NA		NA		NA	
1,1-Dichloroethane	75-34-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1	0.35	7	0.139	U	0.134	U	0.144	U	0.144	U
2-Butanone	78-93-3	50	1000	5	U	5	U	5	U	5	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	5	U	5	U	5	U	5	U
Benzene	71-43-2	1	20	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	75-25-2	50	1000	2	U	2	U	2	U	2	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Carbon Disulfide	75-15-0	60	1200	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	140	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	60	1200	10	U	10	U	NA		NA	
Dibromochloromethane	124-48-1	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	5	100	5	U	5	U	5	U	5	U
Ethyl Benzene	100-41-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	100	2.5	U	2.5	U	2.5	U	2.5	U
m/p-Xylenes	179601-23-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Methyl Acetate	79-20-9	5	100	2	U	2	U	NA		NA	
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Methylcyclohexane	108-87-2	5	100	10	U	10	U	NA		NA	
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	0.5	10	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	108-88-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	79-01-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl Chloride	75-01-4	2	40	1	U	1	U	1	U	1	U

Notes:

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LAB ID:				L2126170-02		L2126513-04		L2142605-04		L2142859-06	
COLLECTION DATE:				5/18/2021		5/19/2021		8/9/2021		8/10/2021	
SAMPLE MATRIX:				Field Blank		Field Blank		WATER		WATER	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	NA		NA		NA		NA	
1,1-Dichloroethane	75-34-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1	0.35	7	0.134	U	0.139	U	0.139	U	0.134	U
2-Butanone	78-93-3	50	1000	5	U	5	U	5	U	5	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	5	U	5	U	5	U	**1.5**	**J**
Benzene	71-43-2	1	20	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	75-25-2	50	1000	2	U	2	U	2	U	2	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Carbon Disulfide	75-15-0	60	1200	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	140	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	60	1200	NA		NA		NA		NA	
Dibromochloromethane	124-48-1	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	5	100	5	U	5	U	5	U	5	U
Ethyl Benzene	100-41-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	100	2.5	U	2.5	U	2.5	U	2.5	U
m/p-Xylenes	179601-23-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Methyl Acetate	79-20-9	5	100	NA		NA		NA		NA	
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Methylcyclohexane	108-87-2	5	100	NA		NA		NA		NA	
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	0.5	10	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	108-88-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	79-01-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl Chloride	75-01-4	2	40	1	U	1	U	1	U	1	U

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LAB ID:				L2161697-04		L2161998-06		L2208232-06		L2208690-04	
COLLECTION DATE:				11/9/2021		11/10/2021		2/16/2022		2/17/2022	
SAMPLE MATRIX:				WATER		WATER		WATER		WATER	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	2.5	U	-	-	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	0.5	U	-	-	0.5	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	-	-	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	NA		NA					
1,1-Dichloroethane	75-34-3	5	100	2.5	U	2.5	U	-	-	2.5	U
1,1-Dichloroethene	75-35-4	5	100	0.5	U	0.5	U	-	-	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	-	-	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	-	-	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	-	-	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2	U	2	U	-	-	2	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	-	-	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	0.5	U	-	-	0.5	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	-	-	1	U
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	2.5	U	-	-	2.5	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	-	-	2.5	U
1,4-Dioxane	123-91-1	0.35	7	0.15	U	0.139	U	-	-	0.15	U
2-Butanone	78-93-3	50	1000	5	U	5	U	-	-	5	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	-	-	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	-	-	5	U
Acetone	67-64-1	50	1000	5	U	5	U	-	-	5	U
Benzene	71-43-2	1	20	0.5	U	0.5	U	-	-	0.5	U
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	-	-	2.5	U
Bromodichloromethane	75-27-4	50	1000	0.5	U	0.5	U	-	-	0.5	U
Bromoform	75-25-2	50	1000	2	U	2	U	-	-	2	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	-	-	2.5	U
Carbon Disulfide	75-15-0	60	1200	5	U	5	U	-	-	5	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	0.5	U	-	-	0.5	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	-	-	2.5	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	-	-	2.5	U
Chloroform	67-66-3	7	140	2.5	U	2.5	U	-	-	2.5	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	-	-	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	2.5	U	2.5	U	-	-	2.5	U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	0.5	U	-	-	0.5	U
Cyclohexane	110-82-7	60	1200	NA		NA					
Dibromochloromethane	124-48-1	50	1000	0.5	U	0.5	U	-	-	0.5	U
Dichlorodifluoromethane	75-71-8	5	100	5	U	5	U	-	-	5	U
Ethyl Benzene	100-41-4	5	100	2.5	U	2.5	U	-	-	2.5	U
Isopropylbenzene	98-82-8	5	100	2.5	U	2.5	U	-	-	2.5	U
m/p-Xylenes	179601-23-1	5	100	2.5	U	2.5	U	-	-	2.5	U
Methyl Acetate	79-20-9	5	100	NA		NA					
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	2.5	U	-	-	2.5	U
Methylcyclohexane	108-87-2	5	100	NA		NA					
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	-	-	2.5	U
o-Xylene	95-47-6	0.5	10	2.5	U	2.5	U	-	-	2.5	U
Styrene	100-42-5	5	100	2.5	U	2.5	U	-	-	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	U	0.5	U	-	-	0.5	U
Tetrachloroethene	127-18-4	5	100	0.5	U	0.5	U	-	-	0.5	U
Toluene	108-88-3	5	100	2.5	U	2.5	U	-	-	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	-	-	2.5	U
Trichloroethene	79-01-6	5	100	0.5	U	0.5	U	-	-	0.5	U
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	-	-	2.5	U
Vinyl Chloride	75-01-4	2	40	1	U	1	U	-	-	1	U

Notes:

1 - NYSDEC Ambient Water Quality Standards and Guidance Values
for Class GA Groundwater

2 - Duplicate samples was collected from MW-16 for 1,4 Dioxane analysis on 3/29/2019; Higher results was reported in th

3 - Duplicate samples was collected from MW-16 for 1,4 Dioxane analysis on 9/26/2019; Higher results was reported in th

ug/L - The units are in micrograms per liter.

Conc - Concentration

Q - Laboratory data qualifier.

J - estimated value/data indicates the presence of a compound that meets the identification criteria. The result is less tha

D - dilution required

U - non-detect

NA - not analyzed

BOLDED = detection

Exceeds water quality standard

Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	FIELD BLANK-5/19/22		FIELD BLANK		TRIP BLANK		TRIP BLANK	
LAB ID:				L2227046-09		L2243180-09		E3071-09		F1793-09	
COLLECTION DATE:				5/19/2022		8/10/2022		7/24/2013		3/26/2014	
SAMPLE MATRIX:				WATER		WATER		Water		Water	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	2.5	U	0.5	U	1	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	0.5	U	0.5	U	1	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	0.5	U	1	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20					0.5	U	1	U
1,1-Dichloroethane	75-34-3	5	100	2.5	U	2.5	U	0.5	U	1	U
1,1-Dichloroethene	75-35-4	5	100	0.5	U	0.5	U	0.5	U	1	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	0.5	U	1	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	0.5	U	1	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	0.5	U	1	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2	U	2	U	0.5	U	1	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	0.5	U	1	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	0.5	U	0.5	U	1	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	0.5	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	2.5	U	0.5	U	1	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	0.5	U	1	U
1,4-Dioxane	123-91-1	0.35	7	0.139	U	0.134	U	NA		NA	
2-Butanone	78-93-3	50	1000	5	U	5	U	2.5	U	5	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	2.5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	2.5	U	5	U
Acetone	67-64-1	50	1000	5	U	5	U	2.5	U	5	U
Benzene	71-43-2	1	20	0.5	U	0.5	U	0.5	U	1	U
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	0.5	UQ	1	U
Bromodichloromethane	75-27-4	50	1000	0.5	U	0.5	U	0.5	U	1	U
Bromoform	75-25-2	50	1000	2	U	2	U	0.5	U	1	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	0.5	U	1	U
Carbon Disulfide	75-15-0	60	1200	5	U	5	U	0.5	U	1	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	0.5	U	0.5	U	1	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	0.5	U	1	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	0.5	U	1	U
Chloroform	67-66-3	7	140	1.6	J	2.5	U	0.5	U	1	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	0.5	U	1	U
cis-1,2-Dichloroethene	156-59-2	5	100	2.5	U	2.5	U	0.5	U	1	U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	0.5	U	0.5	U	1	U
Cyclohexane	110-82-7	60	1200					0.5	U	1	U
Dibromochloromethane	124-48-1	50	1000	0.5	U	0.5	U	0.5	U	1	U
Dichlorodifluoromethane	75-71-8	5	100	5	U	5	U	0.5	U	1	U
Ethyl Benzene	100-41-4	5	100	2.5	U	2.5	U	0.5	U	1	U
Isopropylbenzene	98-82-8	5	100	2.5	U	2.5	U	0.5	U	1	U
m/p-Xylenes	179601-23-1	5	100	2.5	U	2.5	U	1	U	2	U
Methyl Acetate	79-20-9	5	100					0.5	U	1	U
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	2.5	U	0.5	U	1	U
Methylcyclohexane	108-87-2	5	100					0.5	U	1	U
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	0.5	U	1	U
o-Xylene	95-47-6	0.5	10	2.5	U	2.5	U	0.5	U	1	U
Styrene	100-42-5	5	100	2.5	U	2.5	U	0.5	U	1	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	U	0.5	U	0.5	U	1	U
Tetrachloroethene	127-18-4	5	100	0.5	U	0.5	U	0.5	U	1	U
Toluene	108-88-3	5	100	2.5	U	2.5	U	0.5	U	1	U
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	0.5	U	1	U
Trichloroethene	79-01-6	5	100	0.5	U	0.5	U	0.5	U	1	U
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	0.5	UQ	1	U
Vinyl Chloride	75-01-4	2	40	1	U	1	U	0.5	U	1	U

Notes:

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BOLDED = detection

Exceeds water quality standard

Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
LAB ID:				G1728-09	H2077-12	I2509-12	I5497-11
COLLECTION DATE:				3/30/2015	3/29/2016	3/30/2017	9/27/2017
SAMPLE MATRIX:				Water	Water	Water	Water
UNITS:				Conc. (ug/L)	Conc. (ug/L)	Conc. (ug/L)	Conc. (ug/L)
COMPOUND	**CAS #**	**ug/L**	**ug/L**				
1,1,1-Trichloroethane	71-55-6	5	100	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	79-00-5	5	100	1 U	1 U	1 U	1 U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	1 U	1 U	1 U	1 U
1,1-Dichloroethane	75-34-3	5	100	1 U	1 U	1 U	1 U
1,1-Dichloroethene	75-35-4	5	100	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	87-61-6	5	100	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	120-82-1	5	100	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	1 U	1 U	1 U	1 U
1,2-Dibromoethane	106-93-4	0.0006	0.012	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	95-50-1	3	60	1 U	1 U	1 U	1 U
1,2-Dichloroethane	107-06-2	0.6	12	1 U	1 U	1 U	1 U
1,2-Dichloropropane	78-87-5	1	20	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	541-73-1	3	60	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	106-46-7	3	60	1 U	1 U	1 U	1 U
1,4-Dioxane	123-91-1	0.35	7	NA	NA	NA	NA
2-Butanone	78-93-3	50	1000	5 U	5 U	5 U	5 U
2-Hexanone	591-78-6	50	1000	5 U	5 U	5 U	5 U
4-Methyl-2-Pentanone	108-10-1	5	100	5 U	5 U	5 U	5 U
Acetone	67-64-1	50	1000	5 U	5 U	5 U	5 U
Benzene	71-43-2	1	20	1 U	1 U	1 U	1 U
Bromochloromethane	74-97-5	10	200	1 U	1 U	1 U	1 U
Bromodichloromethane	75-27-4	50	1000	1 U	1 U	1 U	1 U
Bromoform	75-25-2	50	1000	1 U	1 U	1 U	1 U
Bromomethane	74-83-9	5	100	1 U	1 U	1 U	1 U
Carbon Disulfide	75-15-0	60	1200	1 U	1 U	1 U	1 U
Carbon Tetrachloride	56-23-5	5	100	1 U	1 U	1 U	1 U
Chlorobenzene	108-90-7	5	100	1 U	1 U	1 U	1 U
Chloroethane	75-00-3	5	100	1 U	1 U	1 U	1 U
Chloroform	67-66-3	7	140	1 U	1 U	1 U	1 U
Chloromethane	74-87-3	5	100	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	156-59-2	5	100	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	1 U	1 U	1 U	1 U
Cyclohexane	110-82-7	60	1200	1 U	1 U	1 U	1 U
Dibromochloromethane	124-48-1	50	1000	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	75-71-8	5	100	1 U	1 U	1 U	1 U
Ethyl Benzene	100-41-4	5	100	1 U	1 U	1 U	1 U
Isopropylbenzene	98-82-8	5	100	1 U	1 U	1 U	1 U
m/p-Xylenes	179601-23-1	5	100	2 U	2 U	2 U	2 U
Methyl Acetate	79-20-9	5	100	1 U	1 U	1 U	1 U
Methyl tert-butyl Ether	1634-04-4	10	200	1 U	1 U	1 U	1 U
Methylcyclohexane	108-87-2	5	100	1 U	1 U	1 U	1 U
Methylene Chloride	75-09-2	5	100	1 U	1 U	1 U	1 U
o-Xylene	95-47-6	0.5	10	1 U	1 U	1 U	1 U
Styrene	100-42-5	5	100	1 U	1 U	1 U	1 U
t-1,3-Dichloropropene	10061-02-6	5	100	1 U	1 U	1 U	1 U
Tetrachloroethene	127-18-4	5	100	1 U	**1.1**	1 U	1 U
Toluene	108-88-3	5	100	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	156-60-5	5	100	1 U	1 U	1 U	1 U
Trichloroethene	79-01-6	5	100	1 U	1 U	1 U	1 U
Trichlorofluoromethane	75-69-4	5	100	1 U	1 U	1 U	1 U
Vinyl Chloride	75-01-4	2	40	1 U	1 U	1 U	1 U

Notes:

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Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
LAB ID:				J2190-11	J5032-11	L1912651-10	L1944801-10, R1909479-010
COLLECTION DATE:				4/2/2018	9/19/2018	3/29/2019	9/26/2019
SAMPLE MATRIX:				Water	Water	Water	Water
UNITS:				Conc. (ug/L)	Conc. (ug/L)	Conc. (ug/L)	Conc. (ug/L)
COMPOUND	**CAS #**	**ug/L**	**ug/L**				
1,1,1-Trichloroethane	71-55-6	5	100	1 U	1 U	2.5 U	2.5 U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	1 U	1 U	0.5 U	0.5 U
1,1,2-Trichloroethane	79-00-5	5	100	1 U	1 U	1.5 U	1.5 U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	1 U	1 U	NA	NA
1,1-Dichloroethane	75-34-3	5	100	1 U	1 U	2.5 U	2.5 U
1,1-Dichloroethene	75-35-4	5	100	1 U	1 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	87-61-6	5	100	1 U	1 U	2.5 U	2.5 U
1,2,4-Trichlorobenzene	120-82-1	5	100	1 U	1 U	2.5 U	2.5 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	1 U	1 U	2.5 U	2.5 U
1,2-Dibromoethane	106-93-4	0.0006	0.012	1 U	1 U	2 U	2 U
1,2-Dichlorobenzene	95-50-1	3	60	1 U	1 U	2.5 U	2.5 U
1,2-Dichloroethane	107-06-2	0.6	12	1 U	1 U	0.5 U	0.5 U
1,2-Dichloropropane	78-87-5	1	20	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	541-73-1	3	60	1 U	1 U	2.5 U	2.5 U
1,4-Dichlorobenzene	106-46-7	3	60	1 U	1 U	2.5 U	2.5 U
1,4-Dioxane	123-91-1	0.35	7	NA	NA	NA	0.04 U
2-Butanone	78-93-3	50	1000	5 U	5 U	5 U	5 U
2-Hexanone	591-78-6	50	1000	5 U	5 U	5 U	5 U
4-Methyl-2-Pentanone	108-10-1	5	100	5 U	5 U	5 U	5 U
Acetone	67-64-1	50	1000	5 U	5 U	**3.8 J**	5 U
Benzene	71-43-2	1	20	1 U	1 U	0.5 U	0.5 U
Bromochloromethane	74-97-5	10	200	1 U	1 U	2.5 U	2.5 U
Bromodichloromethane	75-27-4	50	1000	1 U	1 U	0.5 U	0.5 U
Bromoform	75-25-2	50	1000	1 U	1 U	2 U	2 U
Bromomethane	74-83-9	5	100	1 U	1 U	2.5 U	2.5 U
Carbon Disulfide	75-15-0	60	1200	1 U	1 U	5 U	5 U
Carbon Tetrachloride	56-23-5	5	100	1 U	1 U	0.5 U	0.5 U
Chlorobenzene	108-90-7	5	100	1 U	1 U	2.5 U	2.5 U
Chloroethane	75-00-3	5	100	1 U	1 U	2.5 U	2.5 U
Chloroform	67-66-3	7	140	1 U	1 U	2.5 U	2.5 U
Chloromethane	74-87-3	5	100	1 U	1 U	2.5 U	2.5 U
cis-1,2-Dichloroethene	156-59-2	5	100	1 U	1 U	2.5 U	2.5 U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	1 U	1 U	0.5 U	0.5 U
Cyclohexane	110-82-7	60	1200	1 U	1 U	2.5 U	10 U
Dibromochloromethane	124-48-1	50	1000	1 U	1 U	0.5 U	0.5 U
Dichlorodifluoromethane	75-71-8	5	100	1 U	1 U	5 U	5 U
Ethyl Benzene	100-41-4	5	100	1 U	1 U	2.5 U	2.5 U
Isopropylbenzene	98-82-8	5	100	1 U	1 U	2.5 U	2.5 U
m/p-Xylenes	179601-23-1	5	100	2 U	2 U	2.5 U	2.5 U
Methyl Acetate	79-20-9	5	100	1 U	1 U	NA	2 U
Methyl tert-butyl Ether	1634-04-4	10	200	1 U	1 U	2.5 U	2.5 U
Methylcyclohexane	108-87-2	5	100	1 U	1 U	NA	10 U
Methylene Chloride	75-09-2	5	100	1 U	1 U	2.5 U	2.5 U
o-Xylene	95-47-6	0.5	10	1 U	1 U	2.5 U	2.5 U
Styrene	100-42-5	5	100	1 U	1 U	2.5 U	2.5 U
t-1,3-Dichloropropene	10061-02-6	5	100	1 U	1 U	0.5 U	0.5 U
Tetrachloroethene	127-18-4	5	100	1 U	1 U	0.5 U	0.5 U
Toluene	108-88-3	5	100	1 U	1 U	2.5 U	2.5 U
trans-1,2-Dichloroethene	156-60-5	5	100	1 U	1 U	2.5 U	2.5 U
Trichloroethene	79-01-6	5	100	1 U	1 U	0.5 U	0.5 U
Trichlorofluoromethane	75-69-4	5	100	1 U	1 U	2.5 U	2.5 U
Vinyl Chloride	75-01-4	2	40	1 U	1 U	1 U	1 U

Notes:

1 - NYSDEC Ambient Water Quality Standards and Guidance Values
for Class GA Groundwater

2 - Duplicate samples was collected from MW-16 for 1,4 Dioxane analysis on 3/29/2019; Higher results was reported in th

3 - Duplicate samples was collected from MW-16 for 1,4 Dioxane analysis on 9/26/2019; Higher results was reported in th

ug/L - The units are in micrograms per liter.

Conc - Concentration

Q - Laboratory data qualifier.

J - estimated value/data indicates the presence of a compound that meets the identification criteria. The result is less tha

D - dilution required

U - non-detect

NA - not analyzed

BOLDED = detection

Exceeds water quality standard

Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	TRIP BLANK		TRIP BLANK		TRIP BLANK		TRIP BLANK	
LAB ID:				L2013878-09		L2040141-10		L2052855-11		L2107134-04	
COLLECTION DATE:				3/30/2020		9/23/2020		11/23/2020		2/10/2021	
SAMPLE MATRIX:				Water		Water		Trip Blank		Trip Blank	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	NA		NA		NA		NA	
1,1-Dichloroethane	75-34-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1	0.35	7	-	-	-	-	-	-	-	-
2-Butanone	78-93-3	50	1000	5	U	5	U	5	U	5	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	5	U	5	U	5	U	5	U
Benzene	71-43-2	1	20	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	75-25-2	50	1000	2	U	2	U	2	U	2	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Carbon Disulfide	75-15-0	60	1200	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	140	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	60	1200	NA		NA		10	U	NA	
Dibromochloromethane	124-48-1	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	5	100	5	U	5	U	5	U	5	U
Ethyl Benzene	100-41-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	100	2.5	U	2.5	U	2.5	U	2.5	U
m/p-Xylenes	179601-23-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Methyl Acetate	79-20-9	5	100	NA		NA		2	U	NA	
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Methylcyclohexane	108-87-2	5	100	NA		NA		10	U	NA	
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	0.5	10	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	108-88-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	79-01-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl Chloride	75-01-4	2	40	1	U	1	U	1	U	1	U

Notes:

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for Class GA Groundwater

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Exceeds water quality standard

Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	TRIP BLANK		TRIP BLANK		TRIP BLANK		TRIP BLANK	
LAB ID:				L2126513-05		L2142859-07		L2161998-07		L2208690-05	
COLLECTION DATE:				5/17/2021		8/10/2021		11/8/2021		2/15/2022	
SAMPLE MATRIX:				Trip Blank		WATER		WATER		WATER	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**								
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20	NA		NA		NA			
1,1-Dichloroethane	75-34-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1	0.35	7	-	-	-	-	-	-	-	U
2-Butanone	78-93-3	50	1000	5	U	5	U	5	U	5	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	1000	5	U	5	U	5	U	5	U
Benzene	71-43-2	1	20	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	75-25-2	50	1000	2	U	2	U	2	U	2	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Carbon Disulfide	75-15-0	60	1200	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	140	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	60	1200	NA		NA		NA			
Dibromochloromethane	124-48-1	50	1000	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	5	100	5	U	5	U	5	U	5	U
Ethyl Benzene	100-41-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	100	2.5	U	2.5	U	2.5	U	2.5	U
m/p-Xylenes	179601-23-1	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Methyl Acetate	79-20-9	5	100	NA		NA		NA			
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	2.5	U	2.5	U	2.5	U
Methylcyclohexane	108-87-2	5	100	NA		NA		NA			
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	0.5	10	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	108-88-3	5	100	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	79-01-6	5	100	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl Chloride	75-01-4	2	40	1	U	1	U	1	U	1	U

Notes:

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for Class GA Groundwater

2 - Duplicate samples was collected from MW-16 for 1,4 Dioxane analysis on 3/29/2019; Higher results was reported in th

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Exceeds water quality standard

Table 6 Groundwater Results
Standard Motor Products, Inc
Long Island, Queens, New York

SAMPLE ID:		NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	20X NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Groundwater[1]	TRIP BLANK		TRIP BLANK		TRIP	
LAB ID:				L2227046-10		L2243180-10		L2272483-02	
COLLECTION DATE:				5/19/2022		8/10/2022		12/21/2022	
SAMPLE MATRIX:				WATER		WATER		WATER	
UNITS:				Conc. (ug/L)		Conc. (ug/L)		Conc. (ug/L)	
COMPOUND	**CAS #**	**ug/L**	**ug/L**						
1,1,1-Trichloroethane	71-55-6	5	100	2.5	U	2.5	U	ND	U
1,1,2,2-Tetrachloroethane	79-34-5	5	100	0.5	U	0.5	U	ND	U
1,1,2-Trichloroethane	79-00-5	5	100	1.5	U	1.5	U	ND	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1	20						
1,1-Dichloroethane	75-34-3	5	100	2.5	U	2.5	U	ND	U
1,1-Dichloroethene	75-35-4	5	100	0.5	U	0.5	U	ND	U
1,2,3-Trichlorobenzene	87-61-6	5	100	2.5	U	2.5	U	ND	U
1,2,4-Trichlorobenzene	120-82-1	5	100	2.5	U	2.5	U	ND	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.8	2.5	U	2.5	U	ND	U
1,2-Dibromoethane	106-93-4	0.0006	0.012	2	U	2	U	ND	U
1,2-Dichlorobenzene	95-50-1	3	60	2.5	U	2.5	U	ND	U
1,2-Dichloroethane	107-06-2	0.6	12	0.5	U	0.5	U	ND	U
1,2-Dichloropropane	78-87-5	1	20	1	U	1	U	ND	U
1,3-Dichlorobenzene	541-73-1	3	60	2.5	U	2.5	U	ND	U
1,4-Dichlorobenzene	106-46-7	3	60	2.5	U	2.5	U	ND	U
1,4-Dioxane	123-91-1	0.35	7	-	-	-	-	-	-
2-Butanone	78-93-3	50	1000	5	U	5	U	ND	U
2-Hexanone	591-78-6	50	1000	5	U	5	U	ND	U
4-Methyl-2-Pentanone	108-10-1	5	100	5	U	5	U	ND	U
Acetone	67-64-1	50	1000	5	U	2.2	J	2.8	J
Benzene	71-43-2	1	20	0.5	U	0.5	U	ND	U
Bromochloromethane	74-97-5	10	200	2.5	U	2.5	U	ND	U
Bromodichloromethane	75-27-4	50	1000	0.5	U	0.5	U	ND	U
Bromoform	75-25-2	50	1000	2	U	2	U	ND	U
Bromomethane	74-83-9	5	100	2.5	U	2.5	U	ND	U
Carbon Disulfide	75-15-0	60	1200	5	U	5	U	ND	U
Carbon Tetrachloride	56-23-5	5	100	0.5	U	0.5	U	ND	U
Chlorobenzene	108-90-7	5	100	2.5	U	2.5	U	ND	U
Chloroethane	75-00-3	5	100	2.5	U	2.5	U	ND	U
Chloroform	67-66-3	7	140	2.5	U	2.5	U	ND	U
Chloromethane	74-87-3	5	100	2.5	U	2.5	U	ND	U
cis-1,2-Dichloroethene	156-59-2	5	100	2.5	U	2.5	U	ND	U
cis-1,3-Dichloropropene	10061-01-5	0.4	8	0.5	U	0.5	U	ND	U
Cyclohexane	110-82-7	60	1200						
Dibromochloromethane	124-48-1	50	1000	0.5	U	0.5	U	ND	U
Dichlorodifluoromethane	75-71-8	5	100	5	U	5	U	ND	U
Ethyl Benzene	100-41-4	5	100	2.5	U	2.5	U	ND	U
Isopropylbenzene	98-82-8	5	100	2.5	U	2.5	U	ND	U
m/p-Xylenes	179601-23-1	5	100	2.5	U	2.5	U	ND	U
Methyl Acetate	79-20-9	5	100						
Methyl tert-butyl Ether	1634-04-4	10	200	2.5	U	2.5	U	ND	U
Methylcyclohexane	108-87-2	5	100						
Methylene Chloride	75-09-2	5	100	2.5	U	2.5	U	ND	U
o-Xylene	95-47-6	0.5	10	2.5	U	2.5	U	ND	U
Styrene	100-42-5	5	100	2.5	U	2.5	U	ND	U
t-1,3-Dichloropropene	10061-02-6	5	100	0.5	U	0.5	U	ND	U
Tetrachloroethene	127-18-4	5	100	0.5	U	0.5	U	ND	U
Toluene	108-88-3	5	100	2.5	U	2.5	U	ND	U
trans-1,2-Dichloroethene	156-60-5	5	100	2.5	U	2.5	U	ND	U
Trichloroethene	79-01-6	5	100	0.5	U	0.5	U	ND	U
Trichlorofluoromethane	75-69-4	5	100	2.5	U	2.5	U	ND	U
Vinyl Chloride	75-01-4	2	40	1	U	1	U	ND	U

Notes:

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Table 6 - Groundwater Analytical Results
Standard Motor Products, Inc.
Long Island City, Queens, New York
NYSDEC BCP Site No. 241016

			SAMPLE LOCATION:	MW-10				MW-10				MW-10				MW-10			
			LAB ID:	L2408651-01				L2425158-06				L2449146-01				L2464256-05			
			COLLECTION DATE:	2/15/2024				5/7/2024				8/27/2024				11/4/2024			
			SAMPLE MATRIX:	WATER				WATER				WATER				WATER			
		NY-AWQS	20X NY-AWQS																
ANALYTE	CAS	(ug/l)	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY GC/MS																			
1,1,1,2-Tetrachloroethane	630-20-6	5	100	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		5	1.4
1,1,1-Trichloroethane	71-55-6	5	100	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		5	1.4
1,1,2,2-Tetrachloroethane	79-34-5	5	100	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		1	0.33
1,1,2-Trichloroethane	79-00-5	1	20	ND		1.5	0.5	ND		1.5	0.5	ND		1.5	0.5	ND		3	1
1,1-Dichloroethane	75-34-3	5	100	2	J	2.5	0.7	3		2.5	0.7	ND		2.5	0.7	ND		5	1.4
1,1-Dichloroethene	75-35-4	5	100	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		1	0.34
1,1-Dichloropropene	563-58-6	5	100	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		5	1.4
1,2,3-Trichlorobenzene	87-61-6	5	100	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		5	1.4
1,2,3-Trichloropropane	96-18-4	0.04	0.8	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		5	1.4
1,2,4,5-Tetramethylbenzene	95-93-2	5	100	40		2	0.54	63		2	0.54	63		2	0.54	82		4	1.1
1,2,4-Trichlorobenzene	120-82-1	5	100	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		5	1.4
1,2,4-Trimethylbenzene	95-63-6	5	100	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		5	1.4
1,2-Dibromo-3-chloropropane	96-12-8	0.04	0.8	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		5	1.4
1,2-Dibromoethane	106-93-4	0.0006	0.012	ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		4	1.3
1,2-Dichlorobenzene	95-50-1	3	60	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		5	1.4
1,2-Dichloroethane	107-06-2	0.6	12	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		1	0.26
1,2-Dichloroethene, Total	540-59-0			ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		5	1.4
1,2-Dichloropropane	78-87-5	1	20	ND		1	0.14	ND		1	0.14	ND		1	0.14	ND		2	0.27
1,3,5-Trimethylbenzene	108-67-8	5	100	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	1.4	J	5	1.4
1,3-Dichlorobenzene	541-73-1	3	60	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		5	1.4
1,3-Dichloropropane	142-28-9	5	100	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		5	1.4
1,3-Dichloropropene, Total	542-75-6			ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		1	0.29
1,4-Dichlorobenzene	106-46-7	3	60	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		5	1.4
1,4-Dioxane	123-91-1	0.35	7	ND		250	61	ND		250	61	ND		250	61	ND		500	120
2,2-Dichloropropane	594-20-7	5	100	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		5	1.4
2-Butanone	78-93-3	50	1000	ND		5	1.9	ND		5	1.9	ND		5	1.9	ND		10	3.9
2-Hexanone	591-78-6	50	1000	ND		5	1	ND		5	1	ND		5	1	ND		10	2
4-Methyl-2-pentanone	108-10-1			ND		5	1	ND		5	1	ND		5	1	ND		10	2
Acetone	67-64-1	50	1000	ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		10	2.9
Acrylonitrile	107-13-1	5	100	ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		10	3
Benzene	71-43-2	1	20	5.7		0.5	0.16	13		0.5	0.16	18		0.5	0.16	19		1	0.32
Bromobenzene	108-86-1	5	100	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		5	1.4
Bromochloromethane	74-97-5	5	100	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		5	1.4
Bromodichloromethane	75-27-4	50	1000	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		1	0.38
Bromoform	75-25-2	50	1000	ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		4	1.3
Bromomethane	74-83-9	5	100	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		5	1.4
Carbon disulfide	75-15-0	60	1200	ND		5	1	ND		5	1	ND		5	1	ND		10	2
Carbon tetrachloride	56-23-5	5	100	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		1	0.27
Chlorobenzene	108-90-7	5	100	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		5	1.4
Chloroethane	75-00-3	5	100	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		5	1.4
Chloroform	67-66-3	7	140	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		5	1.4
Chloromethane	74-87-3			ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		5	1.4
cis-1,2-Dichloroethene	156-59-2	5	100	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		5	1.4
cis-1,3-Dichloropropene	10061-01-5	0.4	8	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		1	0.29
Dibromochloromethane	124-48-1	50	1000	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	ND		1	0.3
Dibromomethane	74-95-3	5	100	ND		5	1	ND		5	1	ND		5	1	ND		10	2
Dichlorodifluoromethane	75-71-8	5	100	ND		5	1	ND		5	1	ND		5	1	ND		10	2
Ethyl ether	60-29-7			ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		5	1.4
Ethylbenzene	100-41-4	5	100	6.2		2.5	0.7	4.4		2.5	0.7	4.7		2.5	0.7	8		5	1.4
Hexachlorobutadiene	87-68-3	0.5	10	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		5	1.4
Isopropylbenzene	98-82-8	5	100	47		2.5	0.7	37		2.5	0.7	88		2.5	0.7	110		5	1.4
Methyl tert butyl ether	1634-04-4	10	200	ND		2.5	0.7	0.71	J	2.5	0.17	0.48	J	2.5	0.17	0.96	J	5	0.33
Methylene chloride	75-09-2	5	100	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		5	1.4
n-Butylbenzene	104-51-8	5	100	5.2		2.5	0.7	5.7		2.5	0.7	11		2.5	0.7	16		5	1.4
n-Propylbenzene	103-65-1	5	100	110		2.5	0.7	80		2.5	0.7	130		2.5	0.7	250		5	1.4
Naphthalene	91-20-3	10	200	5.7		2.5	0.7	6.1		2.5	0.7	6.1		2.5	0.7	14		5	1.4
o-Chlorotoluene	95-49-8	5	100	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		5	1.4
o-Xylene	95-47-6	5	100	3.6		2.5	0.7	1	J	2.5	0.7	0.8	J	2.5	0.7	2.1	J	5	1.4
p-Chlorotoluene	106-43-4	5	100	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		5	1.4
p-Diethylbenzene	105-05-5			7		2	0.7	12		2	0.7	11		2	0.7	18		4	1.4
p-Ethyltoluene	622-96-8			1.6	J	2	0.7	2.5		2	0.7	1.8	J	2	0.7	4		4	1.4
p-Isopropyltoluene	99-87-6	5	100	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		5	1.4
p/m-Xylene	179601-23-1	5	100	12		2.5	0.7	12		2.5	0.7	5.4		2.5	0.7	21		5	1.4
sec-Butylbenzene	135-98-8	5	100	4		2.5	0.7	3.9		2.5	0.7	7.9		2.5	0.7	10		5	1.4
Styrene	100-42-5	5	100	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		5	1.4
tert-Butylbenzene	98-06-6	5	100	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		5	1.4
Tetrachloroethene	127-18-4	5	100	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		1	0.36
Toluene	108-88-3	5	100	10		2.5	0.7	13		2.5	0.7	13		2.5	0.7	18		5	1.4
trans-1,2-Dichloroethene	156-60-5	5	100	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		5	1.4
trans-1,3-Dichloropropene	10061-02-6	0.4	8	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		1	0.33
trans-1,4-Dichloro-2-butene	110-57-6	5	100	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		5	1.4
Trichloroethene	79-01-6	5	100	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		1	0.35
Trichlorofluoromethane	75-69-4	5	100	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		5	1.4
Vinyl acetate	108-05-4			ND		5	1	ND		5	1	ND		5	1	ND		10	2
Vinyl chloride	75-01-4	2	40	ND		1	0.07	ND		1	0.07	ND		1	0.07	ND		2	0.14
Xylenes, Total	1330-20-7			16		2.5	0.7	13	J	2.5	0.7	6.2	J	2.5	0.7	23	J	5	1.4
Total VOCs				260	-	-	-	257.31	-	-	-	381.18	-	-	-	570.46	-	-	-
1,4 DIOXANE BY 8270E-SIM																			
1,4-Dioxane	123-91-1	0.35	7	0.135	J	0.147	0.0332	0.105	J	0.142	0.032	0.0789	J	0.3	0.0678	ND		0.134	0.0303
DISSOLVED METALS																			
Arsenic, Dissolved	7440-38-2	25	500	0.73		0.5	0.16	1.18		0.5	0.16	0.54		0.5	0.16	1.08		0.5	0.16
Iron, Dissolved	7439-89-6	300	6000	124		50	19.1	25.4	J	50	19.1	140		50	19.1	128		50	19.1
Manganese, Dissolved	7439-96-5	300	6000	688.2		1	0.44	1007		1	0.44	3.8		1	0.44	935.8		1	0.44
TOTAL METALS																			
Arsenic, Total	7440-38-2	25	500	9.35		0.5	0.16	3.22		0.5	0.16	4.26		0.5	0.16	2.36		1	0.16
Iron, Total	7439-89-6	300	6000	11400		50	19.1	12600		50	19.1	9630		50	19.1	5040		50	19.1
Manganese, Total	7439-96-5	300	6000	742.8		1	0.44	1068		1	0.44	956.2		1	0.44	1124		1	0.44
ANIONS BY ION CHROMATOGRAPHY																			
Chloride	16887-00-6	250000	5000000	420000		10000	8900	409000		10000	8900	550000		10000	8900	312000		5000	839
Nitrogen, Nitrate	14797-55-8	10000	200000	58	J	100	22	39	J	100	22	ND		100	22	46	J	50	12
Sulfate	14808-79-8	250000	5000000	140000		50000	6800	ND		10000	1400	35000		10000	1400	1160		1000	454
GENERAL CHEMISTRY																			
Sulfide	18496-25-8	50	1000	-		-	-	-		-	-	-		-	-	ND		100	100
Total Organic Carbon	7440-44-0			21000		5000	970	14000		2500	490	24000		5000	970	16000		2000	390
DISSOLVED GASES BY GC																			
Methane	74-82-8			7220		2	2	-		-	-	-		-	-	-		-	-
Ethene	74-85-1			ND		0.5	0.5	-		-	-	-		-	-	-		-	-
Ethane	74-84-0			7.21		0.5	0.5	-		-	-	-		-	-	-		-	-
PERFLUORINATED ALKYL ACIDS BY EPA 1633																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	763051-92-9			-		-	-	-		-	-	-		-	-	ND		0.00581	0.000406
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4			-		-	-	-		-	-	-		-	-	ND		0.00581	0.00111
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	757124-72-4			-		-	-	-		-	-	-		-	-	ND		0.00581	0.000828
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2			-		-	-	-		-	-	-		-	-	ND		0.0581	0.0437
2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	914637-49-3			-		-	-	-		-	-	-		-	-	ND		0.0363	0.00386
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	812-70-4			-		-	-	-		-	-	-		-	-	ND		0.0363	0.00289
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	356-02-5			-		-	-	-		-	-	-		-	-	ND		0.00726	0.000486
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	919005-14-4			-		-	-	-		-	-	-		-	-	ND		0.00581	0.000341
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	756426-58-1			-		-	-	-		-	-	-		-	-	ND		0.00581	0.000399
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	13252-13-6			-		-	-	-		-	-	-		-	-	0.00205	J	0.00581	0.00145
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	4151-50-2			-		-	-	-		-	-	-		-	-	ND		0.00145	0.000319
N-Ethyl Perfluorooctanesulfonamidoethanol (NEtFOSE)	1691-99-2			-		-	-	-		-	-	-		-	-	ND		0.0145	0.001
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6			-		-	-	-		-	-	-		-	-	ND		0.00145	0.000436
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	31506-32-8			-		-	-	-		-	-	-		-	-	ND		0.00145	0.000203
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	24448-09-7			-		-	-	-		-	-	-		-	-	ND		0.0145	0.00118
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9			-		-	-	-		-	-	-		-	-	ND		0.00145	0.000436
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	151772-58-6			-		-	-	-		-	-	-		-	-	ND		0.0029	0.000494
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	113507-82-7			-		-	-	-		-	-	-		-	-	ND		0.0029	0.000298
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	377-73-1			-		-	-	-		-	-	-		-	-	ND		0.0029	0.000225
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	863090-89-5			-		-	-	-		-	-	-		-	-	ND		0.0029	0.000327
Perfluorobutanesulfonic Acid (PFBS)	375-73-5			-		-	-	-		-	-	-		-	-	0.00788		0.00145	0.000363
Perfluorobutanoic Acid (PFBA)	375-22-4			-		-	-	-		-	-	-		-	-	0.194		0.00581	0.000479
Perfluorodecanesulfonic Acid (PFDS)	335-77-3			-		-	-	-		-	-	-		-	-	ND		0.00145	0.000123
Perfluorodecanoic Acid (PFDA)	335-76-2			-		-	-	-		-	-	-		-	-	0.000871	J	0.00145	0.000189
Perfluorododecanesulfonic Acid (PFDoS)	79780-39-5			-		-	-	-		-	-	-		-	-	ND		0.00145	0.000218
Perfluorododecanoic Acid (PFDoA)	307-55-1			-		-	-	-		-	-	-		-	-	ND		0.00145	0.000196
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8			-		-	-	-		-	-	-		-	-	0.000356	J	0.00145	0.000181
Perfluoroheptanoic Acid (PFHpA)	375-85-9			-		-	-	-		-	-	-		-	-	0.00754		0.00145	0.000218
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4			-		-	-	-		-	-	-		-	-	0.00562		0.00145	0.000123
Perfluorohexanoic Acid (PFHxA)	307-24-4			-		-	-	-		-	-	-		-	-	0.016		0.00145	0.000225
Perfluorononanesulfonic Acid (PFNS)	68259-12-1			-		-	-	-		-	-	-		-	-	ND		0.00145	0.000181
Perfluorononanoic Acid (PFNA)	375-95-1			-		-	-	-		-	-	-		-	-	0.00228		0.00145	0.00024
Perfluorooctanesulfonamide (PFOSA)	754-91-6			-		-	-	-		-	-	-		-	-	0.000174	JF	0.00145	0.000087
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.0027	0.054	-		-	-	-		-	-	-		-	-	0.0155		0.00145	0.00024
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0067	0.134	-		-	-	-		-	-	-		-	-	0.0236		0.00145	0.00024
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4			-		-	-	-		-	-	-		-	-	0.000907	J	0.00145	0.000189
Perfluoropentanoic Acid (PFPeA)	2706-90-3			-		-	-	-		-	-	-		-	-	0.0198		0.0029	0.000327
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7			-		-	-	-		-	-	-		-	-	ND		0.00145	0.000145
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8			-		-	-	-		-	-	-		-	-	ND		0.00145	0.000167
Perfluoroundecanoic Acid (PFUnA)	2058-94-8			-		-	-	-		-	-	-		-	-	0.000189	JF	0.00145	0.00016

* Comparison is not performed on parameters with non-numeric criteria.

Criteria per Standards & Guidance Values including all addenda through February 2023.

Table 6 - Groundwater Analytical Results
Standard Motor Products, Inc.
Long Island City, Queens, New York
NYSDEC BCP Site No. 241016

		S:	MW-11S			MW-11S			MW-11S (DUP)			MW-11S			MW-11S (DUP)			MW-11S		
			L2409651-02			L2425158-01			L2425158-04			L2449146-02			L2449146-10			L2464256-01		
		Cl	2/15/2024			5/7/2024			5/7/2024			8/27/2024			8/27/2024			11/4/2024		
			WATER			WATER			WATER			WATER			WATER			WATER		
	CAS	NY-AWQS																		
ANALYTE		(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY GC/MS																						
1,1,1,2-Tetrachloroethane	630-20-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,1,1-Trichloroethane	71-55-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,1,2,2-Tetrachloroethane	79-34-5	5	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
1,1,2-Trichloroethane	79-00-5	1	ND		1.5	0.5	ND		1.5	0.5	ND		1.5	0.5	ND		1.5	0.5	ND		1.5	0.5
1,1-Dichloroethane	75-34-3	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,1-Dichloroethene	75-35-4	5	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
1,1-Dichloropropene	563-58-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,3-Trichlorobenzene	87-61-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,3-Trichloropropane	96-18-4	0.04	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,4,5-Tetramethylbenzene	95-93-2	5	ND		2	0.54	ND		2	0.54	ND		2	0.54	ND		2	0.54	ND		2	0.54
1,2,4-Trichlorobenzene	120-82-1	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,4-Trimethylbenzene	95-63-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2-Dibromo-3-chloropropane	96-12-8	0.04	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2-Dibromoethane	106-93-4	0.0006	ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		2	0.65
1,2-Dichlorobenzene	95-50-1	3	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2-Dichloroethane	107-06-2	0.6	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13
1,2-Dichloroethene, Total	540-59-0		ND		2.5	0.7	8.5		2.5	0.7	9.2		2.5	0.7	2.1	J	2.5	0.7	2	J	2.5	0.7
1,2-Dichloropropane	78-87-5	1	ND		1	0.14	ND		1	0.14	ND		1	0.14	ND		1	0.14	ND		1	0.14
1,3,5-Trimethylbenzene	108-67-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichlorobenzene	541-73-1	3	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichloropropane	142-28-9	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichloropropene, Total	542-75-6		ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14
1,4-Dichlorobenzene	106-46-7	3	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,4-Dioxane	123-91-1	0.35	ND		250	61	ND		250	61	ND		250	61	ND		250	61	ND		250	61
2,2-Dichloropropane	594-20-7	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
2-Butanone	78-93-3	50	ND		5	1.9	ND		5	1.9	ND		5	1.9	ND		5	1.9	ND		5	1.9
2-Hexanone	591-78-6	50	ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1
4-Methyl-2-pentanone	108-10-1		ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1
Acetone	67-64-1	50	ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5
Acrylonitrile	107-13-1	5	ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5
Benzene	71-43-2	1	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
Bromobenzene	108-86-1	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Bromochloromethane	74-97-5	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Bromodichloromethane	75-27-4	50	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19
Bromoform	75-25-2	50	ND	J	2	0.65	ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		2	0.65
Bromomethane	74-83-9	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Carbon disulfide	75-15-0	60	ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1
Carbon tetrachloride	56-23-5	5	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13
Chlorobenzene	108-90-7	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Chloroethane	75-00-3	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Chloroform	67-66-3	7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Chloromethane	74-87-3		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
cis-1,2-Dichloroethene	156-59-2	5	ND		2.5	0.7	8.5		2.5	0.7	9.2		2.5	0.7	2.1	J	2.5	0.7	2	J	2.5	0.7
cis-1,3-Dichloropropene	10061-01-5	0.4	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14
Dibromochloromethane	124-48-1	50	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15
Dibromomethane	74-95-3	5	ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1
Dichlorodifluoromethane	75-71-8	5	ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1
Ethyl ether	60-29-7		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Ethylbenzene	100-41-4	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Hexachlorobutadiene	87-68-3	0.5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Isopropylbenzene	98-82-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Methyl tert butyl ether	1634-04-4	10	ND		2.5	0.7	0.37	J	2.5	0.17	0.41	J	2.5	0.17	ND		2.5	0.7	ND		2.5	0.17
Methylene chloride	75-09-2	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
n-Butylbenzene	104-51-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
n-Propylbenzene	103-65-1	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Naphthalene	91-20-3	10	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
o-Chlorotoluene	95-49-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
o-Xylene	95-47-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
p-Chlorotoluene	106-43-4	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
p-Diethylbenzene	105-05-5		ND		2	0.7	ND		2	0.7	ND		2	0.7	ND		2	0.7	ND		2	0.7
p-Ethyltoluene	622-96-8		ND		2	0.7	ND		2	0.7	ND		2	0.7	ND		2	0.7	ND		2	0.7
p-Isopropyltoluene	99-87-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
p/m-Xylene	179601-23-1	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
sec-Butylbenzene	135-98-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Styrene	100-42-5	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
tert-Butylbenzene	98-06-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Tetrachloroethene	127-18-4	5	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18
Toluene	108-88-3	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
trans-1,2-Dichloroethene	156-60-5	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
trans-1,3-Dichloropropene	10061-02-6	0.4	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
trans-1,4-Dichloro-2-butene	110-57-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Trichloroethene	79-01-6	5	1.3		0.5	0.18	0.85		0.5	0.18	0.93		0.5	0.18	4.7		0.5	0.18	4.6		0.5	0.18
Trichlorofluoromethane	75-69-4	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Vinyl acetate	108-05-4		ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1
Vinyl chloride	75-01-4	2	0.1	J	1	0.07	0.99	J	1	0.07	1		1	0.07	0.21	J	1	0.07	0.23	J	1	0.07
Xylenes, Total	1330-20-7		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Total VOCs			1.4		-	-	10.71		-	-	11.54		-	-	7.01		-	-	6.83		-	-
1,4 DIOXANE BY 8270E-SIM																						
1,4-Dioxane	123-91-1	0.35	0.341		0.156	0.0353	0.833		0.147	0.0332	0.727		0.136	0.0308	0.201		0.153	0.0346	0.177		0.15	0.0339
DISSOLVED METALS																						
Arsenic, Dissolved	7440-38-2	25	0.17	J	0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
Iron, Dissolved	7439-89-6	300	ND		50	19.1	ND		50	19.1	24.4	J	50	19.1	ND		50	19.1	ND		50	19.1
Manganese, Dissolved	7439-96-5	300	99.83		1	0.44	2814		1	0.44	2728		1	0.44	476.4		1	0.44	434.9		1	0.44
TOTAL METALS																						
Arsenic, Total	7440-38-2	25	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
Iron, Total	7439-89-6	300	241		50	19.1	304		50	19.1	268		50	19.1	74		50	19.1	276		50	19.1
Manganese, Total	7439-96-5	300	303.1		1	0.44	2852		1	0.44	2793		1	0.44	522.6		1	0.44	527.3		1	0.44
ANIONS BY ION CHROMATOGRAPHY																						
Chloride	16887-00-6	250000	280000		10000	8900	280000		10000	8900	270000		10000	8900	170000		10000	8900	180000		10000	8900
Nitrogen, Nitrate	14797-55-8	10000	66	J	100	22	ND		100	22	ND		100	22	-		-	-	-		-	-
Sulfate	14808-79-8	250000	49000		25000	3400	86000		25000	3400	88000		25000	3400	40000		25000	3400	39000		25000	3400
GENERAL CHEMISTRY																						
Sulfide	18496-25-8	50	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Total Organic Carbon	7440-44-0		810		500	90	1200		500	100	920		500	100	990		500	90	930		500	90
DISSOLVED GASES BY GC																						
Methane	74-82-8		17.2		2		-		-	-	-		-	-	-		-	-	-		-	-
Ethene	74-85-1		ND		0.5	0.5	-		-	-	-		-	-	-		-	-	-		-	-
Ethane	74-84-0		ND		0.5	0.5	-		-	-	-		-	-	-		-	-	-		-	-
PERFLUORINATED ALKYL ACIDS BY EPA 1633																						
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	763051-92-9		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND	0.00823	0.000436
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND	0.00823	0.00119
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	757124-72-4		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND	0.00823	0.000888
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND	0.00859	0.00823	0.00469
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	914637-49-3		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND	0.0389	0.00414
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	812-70-4		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND	0.0389	0.0031
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	356-02-5		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND	0.00779	0.000522
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	919005-14-4		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND	0.00823	0.000368
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	756426-58-1		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND	0.00823	0.000428
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	13252-13-6		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND	0.00823	0.00156
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	4151-50-2		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND	0.00156	0.000343
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	1691-99-2		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND	0.0156	0.00107
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND	0.00156	0.000467
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	31506-32-8		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND	0.00156	0.000218
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	24448-09-7		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND	0.0156	0.00127
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND	0.00156	0.000467
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	151772-58-6		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND	0.00312	0.00053
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	113507-82-7		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND	0.00312	0.000319
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	377-73-1		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND	0.00312	0.000241
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	863090-89-5		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND	0.00312	0.00035
Perfluorobutanesulfonic Acid (PFBS)	375-73-5		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	0.00193	0.00156	0.000389
Perfluorobutanoic Acid (PFBA)	375-22-4		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	0.00272	J	0.00823	0.000514
Perfluorododecanesulfonic Acid (PFDS)	335-77-3		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND	0.00156	0.000132
Perfluorodecanoic Acid (PFDA)	335-76-2		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND	0.00156	0.000202
Perfluorododecanesulfonic Acid (PFDoS)	79780-39-5		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND	0.00156	0.000234
Perfluorododecanoic Acid (PFDoA)	307-55-1		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND	0.00156	0.00021
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	0.000218	JF	0.00156	0.000195
Perfluoroheptanoic Acid (PFHpA)	375-85-9		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	0.00226	0.00156	0.000234
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	0.00179	0.00156	0.000132
Perfluorohexanoic Acid (PFHxA)	307-24-4		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	0.00307	0.00156	0.000241
Perfluorononanesulfonic Acid (PFNS)	68259-12-1		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND	0.00156	0.000195
Perfluorononanoic Acid (PFNA)	375-95-1		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	0.00549	0.00156	0.000257
Perfluorooctanesulfonamide (PFOSA)	754-91-6		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND	0.00156	0.000093
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.0027	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	0.018	0.00156	0.000257
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0067	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	0.0102	0.00156	0.000257
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND	0.00156	0.000202
Perfluoropentanoic Acid (PFPeA)	2706-90-3		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	0.00434	0.00312	0.00035
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND	0.00156	0.000156
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND	0.00156	0.000179
Perfluoroundecanoic Acid (PFUnA)	2058-94-8		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND	0.00156	0.000171

* Comparison is not performed on parameters with non-numeric criteria.

Criteria per Standards & Guidance Values including all addenda through February 2023.

Table 6 - Groundwater Analytical Results
Standard Motor Products, Inc.
Long Island City, Queens, New York
NYSDEC BCP Site No. 241016

		Sample ID				MW-16				MW-16				MW-16				MW-16				MW-16 (DUP)			
		Lab Sample ID				L2408651-03				L2425633-01				L2449146-03				L2464256-07				L2464256-08			
		Collected				2/15/2024				5/8/2024				8/27/2024				11/4/2024				11/4/2024			
		Matrix				WATER				WATER				WATER				WATER				WATER			
ANALYTE	CAS	NY-AWQS (ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY GC/MS																										
1,1,1,2-Tetrachloroethane	630-20-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,1,1-Trichloroethane	71-55-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,1,2,2-Tetrachloroethane	79-34-5	5	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
1,1,2-Trichloroethane	79-00-5	1	ND		1.5	0.5	ND		1.5	0.5	ND		1.5	0.5	ND		1.5	0.5	ND		1.5	0.5	ND		1.5	0.5
1,1-Dichloroethane	75-34-3	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,1-Dichloroethene	75-35-4	5	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
1,1-Dichloropropene	563-58-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,3-Trichlorobenzene	87-61-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,3-Trichloropropane	96-18-4	0.04	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,4,5-Tetramethylbenzene	95-93-2	5	ND		2	0.54	ND		2	0.54	ND		2	0.54	ND		2	0.54	ND		2	0.54	ND		2	0.54
1,2,4-Trichlorobenzene	120-82-1	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,4-Trimethylbenzene	95-63-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2-Dibromo-3-chloropropane	96-12-8	0.04	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2-Dibromoethane	106-93-4	0.00006	ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		2	0.65
1,2-Dichlorobenzene	95-50-1	3	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2-Dichloroethane	107-06-2	0.6	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13
1,2-Dichloroethene, Total	540-59-0		52		2.5	0.7	78	J	2.5	0.7	71		2.5	0.7	71		2.5	0.7	2	J	2.5	0.7	2	J	2.5	0.7
1,2-Dichloropropane	78-87-5	1	ND		1	0.14	ND		1	0.14	ND		1	0.14	ND		1	0.14	ND		1	0.14	ND		1	0.14
1,3,5-Trimethylbenzene	108-67-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichlorobenzene	541-73-1	3	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichloropropane	142-28-9	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichloropropene, Total	542-75-6		ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14
1,4-Dichlorobenzene	106-46-7	3	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,4-Dioxane	123-91-1	0.35	ND		250	61	ND		250	61	ND		250	61	ND		250	61	ND		250	61	ND		250	61
2,2-Dichloropropane	594-20-7	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
2-Butanone	78-93-3	50	ND		5	1.9	ND		5	1.9	ND		5	1.9	ND		5	1.9	ND		5	1.9	ND		5	1.9
2-Hexanone	591-78-6	50	ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1
4-Methyl-2-pentanone	108-10-1		ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1
Acetone	67-64-1	50	ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5
Acrylonitrile	107-13-1	5	ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5
Benzene	71-43-2	1	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
Bromobenzene	108-86-1	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Bromochloromethane	74-97-5	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Bromodichloromethane	75-27-4	50	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19
Bromoform	75-25-2	50	ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		2	0.65
Bromomethane	74-83-9	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Carbon disulfide	75-15-0	60	ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1
Carbon tetrachloride	56-23-5	5	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13
Chlorobenzene	108-90-7	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Chloroethane	75-00-3	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Chloroform	67-66-3	7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Chloromethane	74-87-3		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
cis-1,2-Dichloroethene	156-59-2	5	52		2.5	0.7	77		2.5	0.7	71		2.5	0.7	71		2.5	0.7	2	J	2.5	0.7	2	J	2.5	0.7
cis-1,3-Dichloropropene	10061-01-5	0.4	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14
Dibromochloromethane	124-48-1	50	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15
Dibromomethane	74-95-3	5	ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1
Dichlorodifluoromethane	75-71-8	5	ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1
Ethyl ether	60-29-7		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Ethylbenzene	100-41-4	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Hexachlorobutadiene	87-68-3	0.5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Isopropylbenzene	98-82-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Methyl tert butyl ether	1634-04-4	10	0.84	J	2.5	0.7	1.1	J	2.5	0.17	0.64	J	2.5	0.17	0.67	J	2.5	0.17	ND		2.5	0.17	ND		2.5	0.17
Methylene chloride	75-09-2	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
n-Butylbenzene	104-51-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
n-Propylbenzene	103-65-1	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Naphthalene	91-20-3	10	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
o-Chlorotoluene	95-49-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
o-Xylene	95-47-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
p-Chlorotoluene	106-43-4	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
p-Diethylbenzene	105-05-5		ND		2	0.7	ND		2	0.7	ND		2	0.7	ND		2	0.7	ND		2	0.7	ND		2	0.7
p-Ethyltoluene	622-96-8		ND		2	0.7	ND		2	0.7	ND		2	0.7	ND		2	0.7	ND		2	0.7	ND		2	0.7
p-Isopropyltoluene	99-87-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
p/m-Xylene	179601-23-1	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
sec-Butylbenzene	135-98-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Styrene	100-42-5	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
tert-Butylbenzene	98-06-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Tetrachloroethene	127-18-4	5	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18
Toluene	108-88-3	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
trans-1,2-Dichloroethene	156-60-5	5	ND		2.5	0.7	1.1	J	2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
trans-1,3-Dichloropropene	10061-02-6	0.4	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
trans-1,4-Dichloro-2-butene	110-57-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Trichloroethene	79-01-6	5	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18
Trichlorofluoromethane	75-69-4	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Vinyl acetate	108-05-4		ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1
Vinyl chloride	75-01-4	2	38		1	0.07	36		1	0.07	42		1	0.07	41		1	0.07	0.36	J	1	0.07	ND		1	0.07
Xylenes, Total	1330-20-7		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Total VOCs			90.84	-	-	-	115.2	-	-	-	113.84	-	-	-	112.67	-	-	-	2.36	-	-	-	2.36	-	-	-
1,4 DIOXANE BY 8270E-SIM																										
1,4-Dioxane	123-91-1	0.35	1.1		0.15	0.0339	1.2		0.144	0.0326	0.968		0.15	0.0339	1.05		0.156	0.0353	ND		0.15	0.0339				
DISSOLVED METALS																										
Arsenic, Dissolved	7440-38-2	25	2.27		0.5	0.16	1.96		0.5	0.16	2.32		0.5	0.16	2.71		0.5	0.16	ND		0.5	0.16				
Iron, Dissolved	7439-89-6	300	542		50	19.1	230		50	19.1	ND		50	19.1	831		50	19.1	ND		50	19.1				
Manganese, Dissolved	7439-96-5	300	378.2		1	0.44	415.1		1	0.44	408.8		1	0.44	318.8		1	0.44	89.24		1	0.44				
TOTAL METALS																										
Arsenic, Total	7440-38-2	25	34.75		0.5	0.16	26.16		0.5	0.16	6.11		0.5	0.16	6.98		1	0.16	ND		1	0.16				
Iron, Total	7439-89-6	300	17800		50	19.1	12900		50	19.1	3750		50	19.1	3880		50	19.1	43.4	J	50	19.1				
Manganese, Total	7439-96-5	300	556.2		1	0.44	431.7		1	0.44	442.4		1	0.44	393.2		1	0.44	136.2		1	0.44				
ANIONS BY ION CHROMATOGRAPHY																										
Chloride	16887-00-6	250000	260000		10000	8900	300000		10000	8900	260000		10000	8900	295000		5000	839	117000		5000	839				
Nitrogen, Nitrate	14797-55-8	10000	23	J	100	22	39	J	100	22	ND		100	22	ND		50	12	ND		50	12				
Sulfate	14808-79-8	250000	92000		25000	3400	17000	J	50000	6800	78000		25000	3400	84600		1000	454	27200		1000	454				
GENERAL CHEMISTRY																										
Sulfide	18496-25-8	50	-		-	-	-		-	-	-		-	-	ND		100	100	ND		100	100				
Total Organic Carbon	7440-44-0		1500		500	90	1400		500	100	1000		500	90	800		500	90	1200		500	90				
DISSOLVED GASES BY GC																										
Methane	74-82-8		ND		2	2	-		-	-	-		-	-	-		-	-	-		-	-				
Ethene	74-85-1		ND		0.5	0.5	-		-	-	-		-	-	-		-	-	-		-	-				
Ethane	74-84-0		ND		0.5	0.5	-		-	-	-		-	-	-		-	-	-		-	-				
PERFLUORINATED ALKYL ACIDS BY EPA 1633																										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	763051-92-9		-		-	-	-		-	-	-		-	-	ND		0.00631	0.000442	ND		0.00605	0.000424				
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4		-		-	-	-		-	-	-		-	-	ND		0.00631	0.00121	ND		0.00605	0.00116				
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	757124-72-4		-		-	-	-		-	-	-		-	-	ND		0.00631	0.000899	ND		0.00605	0.000862				
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2		-		-	-	-		-	-	-		-	-	ND		0.00631	0.00475	ND		0.00605	0.00455				
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	914637-49-3		-		-	-	-		-	-	-		-	-	ND		0.0394	0.0042	ND		0.0378	0.00402				
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	812-70-4		-		-	-	-		-	-	-		-	-	ND		0.0394	0.00314	ND		0.0378	0.00301				
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	356-02-5		-		-	-	-		-	-	-		-	-	ND		0.00789	0.000528	ND		0.00756	0.000507				
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	919005-14-4		-		-	-	-		-	-	-		-	-	ND		0.00631	0.000371	ND		0.00605	0.000355				
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	756426-58-1		-		-	-	-		-	-	-		-	-	ND		0.00631	0.000434	ND		0.00605	0.000416				
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	13252-13-6		-		-	-	-		-	-	-		-	-	ND		0.00631	0.00158	ND		0.00605	0.00151				
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	4151-50-2		-		-	-	-		-	-	-		-	-	ND		0.00158	0.000347	ND		0.00151	0.000333				
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	1691-99-2		-		-	-	-		-	-	-		-	-	ND		0.0158	0.00109	ND		0.0151	0.00104				
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6		-		-	-	-		-	-	-		-	-	ND		0.00158	0.000473	ND		0.00151	0.000454				
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	31506-32-8		-		-	-	-		-	-	-		-	-	ND		0.00158	0.000221	ND		0.00151	0.000212				
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	24448-09-7		-		-	-	-		-	-	-		-	-	ND		0.0158	0.00128	ND		0.0151	0.00123				
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9		-		-	-	-		-	-	-		-	-	ND		0.00158	0.000473	ND		0.00151	0.000454				
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	151772-58-6		-		-	-	-		-	-	-		-	-	ND		0.00316	0.000536	ND		0.00302	0.000514				
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	113507-82-7		-		-	-	-		-	-	-		-	-	ND		0.00316	0.000323	ND		0.00302	0.00031				
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	377-73-1		-		-	-	-		-	-	-		-	-	ND		0.00316	0.000244	ND		0.00302	0.000234				
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	863090-89-5		-		-	-	-		-	-	-		-	-	ND		0.00316	0.000355	ND		0.00302	0.00034				
Perfluorobutanesulfonic Acid (PFBS)	375-73-5		-		-	-	-		-	-	-		-	-	0.00485		0.00158	0.000394	0.00512		0.00151	0.000378				
Perfluorobutanoic Acid (PFBA)	375-22-4		-		-	-	-		-	-	-		-	-	0.00957		0.00631	0.000521	0.00508	J	0.00605	0.000499				
Perfluorodecanesulfonic Acid (PFDS)	335-77-3		-		-	-	-		-	-	-		-	-	ND		0.00158	0.000134	ND		0.00151	0.000128				
Perfluorodecanoic Acid (PFDA)	335-76-2		-		-	-	-		-	-	-		-	-	ND		0.00158	0.000205	0.000348	J	0.00151	0.000197				
Perfluorododecanesulfonic Acid (PFDoS)	79780-39-5		-		-	-	-		-	-	-		-	-	ND		0.00158	0.000237	ND		0.00151	0.000227				
Perfluorododecanoic Acid (PFDoA)	307-55-1		-		-	-	-		-	-	-		-	-	ND		0.00158	0.000213	ND		0.00151	0.000204				
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8		-		-	-	-		-	-	-		-	-	0.000284	J	0.00158	0.000197	0.000355	J	0.00151	0.000189				
Perfluoroheptanoic Acid (PFHpA)	375-85-9		-		-	-	-		-	-	-		-	-	0.00942		0.00158	0.000237	0.00455		0.00151	0.000227				
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4		-		-	-	-		-	-	-		-	-	0.00844		0.00158	0.000134	0.0033		0.00151	0.000128				
Perfluorohexanoic Acid (PFHxA)	307-24-4		-		-	-	-		-	-	-		-	-	0.0163		0.00158	0.000244	0.0065		0.00151	0.000234				
Perfluorononanesulfonic Acid (PFNS)	68259-12-1		-		-	-	-		-	-	-		-	-	ND		0.00158	0.000197	ND		0.00151	0.000189				
Perfluorononanoic Acid (PFNA)	375-95-1		-		-	-	-		-	-	-		-	-	0.00128	J	0.00158	0.00026	0.00334		0.00151	0.00025				
Perfluorooctanesulfonamide (PFOSA)	754-91-6		-		-	-	-		-	-	-		-	-	ND		0.00158	0.000095	ND		0.00151	0.000091				
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.0027	-		-	-	-		-	-	-		-	-	0.0075		0.00158	0.00026	0.0168		0.00151	0.00025				
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0067	-		-	-	-		-	-	-		-	-	0.0414		0.00158	0.00026	0.024		0.00151	0.00025				
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4		-		-	-	-		-	-	-		-	-	0.000994	J	0.00158	0.000205	0.000393	J	0.00151	0.000197				
Perfluoropentanoic Acid (PFPeA)	2706-90-3		-		-	-	-		-	-	-		-	-	0.0242		0.00316	0.000353	0.00924		0.00302	0.00034				
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7		-		-	-	-		-	-	-		-	-	ND		0.00158	0.000158	ND		0.00151	0.000151				
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8		-		-	-	-		-	-	-		-	-	ND		0.00158	0.000181	ND		0.00151	0.000174				
Perfluoroundecanoic Acid (PFUnA)	2058-94-8		-		-	-	-		-	-	-		-	-	ND		0.00158	0.000174	ND		0.00151	0.000166				

* Comparison is not performed on parameters with non-numeric criteria.

Criteria per Standards & Guidance Values including all addenda through February 2023.

Table 6 - Groundwater Analytical Results
Standard Motor Products, Inc.
Long Island City, Queens, New York
NYSDEC BCP Site No. 241016

			SL				MW-17				MW-17				MW-17				MW-17			
							L2408651-04				L2425158-07				L2449146-04				L2464256-04			
						CI	2/15/2024				5/7/2024				8/27/2024				11/4/2024			
							WATER				WATER				WATER				WATER			
	CAS	NY-AWQS																				
ANALYTE		(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY GC/MS																						
1,1,1,2-Tetrachloroethane	630-20-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,1,1-Trichloroethane	71-55-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,1,2,2-Tetrachloroethane	79-34-5	5	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
1,1,2-Trichloroethane	79-00-5	1	ND		1.5	0.5	ND		1.5	0.5	ND		1.5	0.5	ND		1.5	0.5	ND		1.5	0.5
1,1-Dichloroethane	75-34-3	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,1-Dichloroethene	75-35-4	5	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
1,1-Dichloropropene	563-58-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,3-Trichlorobenzene	87-61-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,3-Trichloropropane	96-18-4	0.04	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,4,5-Tetramethylbenzene	95-93-2	5	ND		2	0.54	ND		2	0.54	ND		2	0.54	ND		2	0.54	ND		2	0.54
1,2,4-Trichlorobenzene	120-82-1	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,4-Trimethylbenzene	95-63-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2-Dibromo-3-chloropropane	96-12-8	0.04	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2-Dibromoethane	106-93-4	0.0006	ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		2	0.65
1,2-Dichlorobenzene	95-50-1	3	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2-Dichloroethane	107-06-2	0.6	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13
1,2-Dichloroethene, Total	540-59-0		1	J	2.5	0.7	1	J	2.5	0.7	2.8		2.5	0.7	0.81	J	2.5	0.7	ND		2.5	0.7
1,2-Dichloropropane	78-87-5	1	ND		1	0.14	ND		1	0.14	ND		1	0.14	ND		1	0.14	ND		1	0.14
1,3,5-Trimethylbenzene	108-67-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichlorobenzene	541-73-1	3	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichloropropane	142-28-9	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichloropropene, Total	542-75-6		ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14
1,4-Dichlorobenzene	106-46-7	3	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,4-Dioxane	123-91-1	0.35	ND		250	61	ND		250	61	ND		250	61	ND		250	61	ND		250	61
2,2-Dichloropropane	594-20-7	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
2-Butanone	78-93-3	50	ND		5	1.9	ND		5	1.9	ND		5	1.9	ND		5	1.9	ND		5	1.9
2-Hexanone	591-78-6	50	ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1
4-Methyl-2-pentanone	108-10-1		ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1
Acetone	67-64-1	50	ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5
Acrylonitrile	107-13-1	5	ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5
Benzene	71-43-2	1	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
Bromobenzene	108-86-1	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Bromochloromethane	74-97-5	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Bromodichloromethane	75-27-4	50	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19
Bromoform	75-25-2	50	ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		2	0.65
Bromomethane	74-83-9	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Carbon disulfide	75-15-0	60	ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1
Carbon tetrachloride	56-23-5	5	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13
Chlorobenzene	108-90-7	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Chloroethane	75-00-3	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Chloroform	67-66-3	7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Chloromethane	74-87-3		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
cis-1,2-Dichloroethene	156-59-2	5	1	J	2.5	0.7	1	J	2.5	0.7	2.8		2.5	0.7	0.81	J	2.5	0.7	ND		2.5	0.7
cis-1,3-Dichloropropene	10061-01-5	0.4	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14
Dibromochloromethane	124-48-1	50	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15
Dibromomethane	74-95-3	5	ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1
Dichlorodifluoromethane	75-71-8	5	ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1
Ethyl ether	60-29-7		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Ethylbenzene	100-41-4	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Hexachlorobutadiene	87-68-3	0.5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Isopropylbenzene	98-82-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Methyl tert butyl ether	1634-04-4	10	ND		2.5	0.7	0.21	J	2.5	0.17	ND		2.5	0.17	ND		2.5	0.17	ND		2.5	0.17
Methylene chloride	75-09-2	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
n-Butylbenzene	104-51-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
n-Propylbenzene	103-65-1	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Naphthalene	91-20-3	10	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
o-Chlorotoluene	95-49-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
o-Xylene	95-47-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
p-Chlorotoluene	106-43-4	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
p-Diethylbenzene	105-05-5		ND		2	0.7	ND		2	0.7	ND		2	0.7	ND		2	0.7	ND		2	0.7
p-Ethyltoluene	622-96-8		ND		2	0.7	ND		2	0.7	ND		2	0.7	ND		2	0.7	ND		2	0.7
p-Isopropyltoluene	99-87-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
p/m-Xylene	179601-23-1	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
sec-Butylbenzene	135-98-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Styrene	100-42-5	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
tert-Butylbenzene	98-06-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Tetrachloroethene	127-18-4	5	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18
Toluene	108-88-3	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
trans-1,2-Dichloroethene	156-60-5	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
trans-1,3-Dichloropropene	10061-02-6	0.4	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
trans-1,4-Dichloro-2-butene	110-57-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Trichloroethene	79-01-6	5	ND		0.5	0.18	ND		0.5	0.18	0.18	J	0.5	0.18	ND		0.5	0.18	ND		0.5	0.18
Trichlorofluoromethane	75-69-4	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Vinyl acetate	108-05-4		ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1
Vinyl chloride	75-01-4	2	0.55	J	1	0.07	0.22	J	1	0.07	0.2	J	1	0.07	ND		1	0.07	ND		1	0.07
Xylenes, Total	1330-20-7		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Total VOCs			1.55	-	-	-	1.43	-	-	-	3.18	-	-	-	0.81	-	-	-	-	-	-	-
1,4 DIOXANE BY 8270E-SIM																						
1,4-Dioxane	123-91-1	0.35	0.141	J	0.163	0.0368	0.333		0.15	0.0339	0.171		0.144	0.0326	ND		0.134	0.0303				
DISSOLVED METALS																						
Arsenic, Dissolved	7440-38-2	25	0.19	J	0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16				
Iron, Dissolved	7439-89-6	300	ND		50	19.1	ND		50	19.1	ND		50	19.1	ND		50	19.1				
Manganese, Dissolved	7439-96-5	300	314.8		1	0.44	419.8		1	0.44	412		1	0.44	195.5		1	0.44				
TOTAL METALS																						
Arsenic, Total	7440-38-2	25	0.24	J	0.5	0.16	0.17	J	0.5	0.16	ND		0.5	0.16	0.23	J	1	0.16				
Iron, Total	7439-89-6	300	35.6	J	50	19.1	56.5		50	19.1	ND		50	19.1	23.8	J	50	19.1				
Manganese, Total	7439-96-5	300	400.8		1	0.44	579.8		1	0.44	503.6		1	0.44	387		1	0.44				
ANIONS BY ION CHROMATOGRAPHY																						
Chloride	16887-00-6	250000	270000		10000	8900	280000		10000	8900	200000		10000	8900	123000		5000	839				
Nitrogen, Nitrate	14797-55-8	10000	34	J	100	22	ND		100	22	ND		100	22	ND		50	12				
Sulfate	14808-79-8	250000	57000		25000	3400	64000		25000	3400	47000		25000	3400	24100		1000	454				
GENERAL CHEMISTRY																						
Sulfide	18496-25-8	50	-		-	-	-		-	-	-		-	-	ND		100	100				
Total Organic Carbon	7440-44-0		770		500	90	1200		500	100	1100		500	90	1400		500	90				
DISSOLVED GASES BY GC																						
Methane	74-82-8		68		2	2	-		-	-	-		-	-	-		-	-				
Ethene	74-85-1		ND		0.5	0.5	-		-	-	-		-	-	-		-	-				
Ethane	74-84-0		ND		0.5	0.5	-		-	-	-		-	-	-		-	-				
PERFLUORINATED ALKYL ACIDS BY EPA 1633																						
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	763051-92-9		-		-	-	-		-	-	-		-	-	ND		0.00609	0.000426				
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8-2FTS)	39108-34-4		-		-	-	-		-	-	-		-	-	ND		0.00609	0.00116				
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4-2FTS)	757124-72-4		-		-	-	-		-	-	-		-	-	ND		0.00609	0.000867				
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6-2FTS)	27619-97-2		-		-	-	-		-	-	-		-	-	ND		0.00609	0.00458				
2H,3H,3H,3H-Perfluorooctanoic Acid (5-3FTCA)	914637-49-3		-		-	-	-		-	-	-		-	-	ND		0.038	0.00405				
3-Perfluoroheptyl Propanoic Acid (7-3FTCA)	812-70-4		-		-	-	-		-	-	-		-	-	ND		0.038	0.00303				
3-Perfluoropropyl Propanoic Acid (3-3FTCA)	356-02-5		-		-	-	-		-	-	-		-	-	ND		0.00761	0.00051				
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	919005-14-4		-		-	-	-		-	-	-		-	-	ND		0.00609	0.000358				
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	756426-58-1		-		-	-	-		-	-	-		-	-	ND		0.00609	0.000418				
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	13252-13-6		-		-	-	-		-	-	-		-	-	ND		0.00609	0.00152				
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	4151-50-2		-		-	-	-		-	-	-		-	-	ND		0.00152	0.000335				
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	1691-99-2		-		-	-	-		-	-	-		-	-	ND		0.0152	0.00105				
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6		-		-	-	-		-	-	-		-	-	ND		0.00152	0.000456				
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	31506-32-8		-		-	-	-		-	-	-		-	-	ND		0.00152	0.000213				
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	24448-09-7		-		-	-	-		-	-	-		-	-	ND		0.0152	0.00124				
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9		-		-	-	-		-	-	-		-	-	ND		0.00152	0.000456				
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	151772-58-6		-		-	-	-		-	-	-		-	-	ND		0.00304	0.000517				
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	113507-82-7		-		-	-	-		-	-	-		-	-	ND		0.00304	0.000312				
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	377-73-1		-		-	-	-		-	-	-		-	-	ND		0.00304	0.000236				
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	863090-89-5		-		-	-	-		-	-	-		-	-	ND		0.00304	0.000342				
Perfluorobutanesulfonic Acid (PFBS)	375-73-5		-		-	-	-		-	-	-		-	-	0.00619		0.00152	0.00038				
Perfluorobutanoic Acid (PFBA)	375-22-4		-		-	-	-		-	-	-		-	-	0.00654		0.00609	0.000502				
Perfluorodecanesulfonic Acid (PFDS)	335-77-3		-		-	-	-		-	-	-		-	-	ND		0.00152	0.000129				
Perfluorodecanoic Acid (PFDA)	335-76-2		-		-	-	-		-	-	-		-	-	0.00035	J	0.00152	0.000198				
Perfluorododecanesulfonic Acid (PFDoS)	79780-39-5		-		-	-	-		-	-	-		-	-	ND		0.00152	0.000228				
Perfluorododecanoic Acid (PFDoA)	307-55-1		-		-	-	-		-	-	-		-	-	ND		0.00152	0.000205				
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8		-		-	-	-		-	-	-		-	-	0.000441	J	0.00152	0.00019				
Perfluoroheptanoic Acid (PFHpA)	375-85-9		-		-	-	-		-	-	-		-	-	0.00466		0.00152	0.000228				
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4		-		-	-	-		-	-	-		-	-	0.00368		0.00152	0.000129				
Perfluorohexanoic Acid (PFHxA)	307-24-4		-		-	-	-		-	-	-		-	-	0.00641		0.00152	0.000236				
Perfluorononanesulfonic Acid (PFNS)	68259-12-1		-		-	-	-		-	-	-		-	-	ND		0.00152	0.00019				
Perfluorononanoic Acid (PFNA)	375-95-1		-		-	-	-		-	-	-		-	-	0.00499		0.00152	0.000251				
Perfluorooctanesulfonamide (PFOSA)	754-91-8		-		-	-	-		-	-	-		-	-	ND		0.00152	0.000091				
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.0027	-		-	-	-		-	-	-		-	-	0.0212		0.00152	0.000251				
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0067	-		-	-	-		-	-	-		-	-	0.0225		0.00152	0.000251				
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4		-		-	-	-		-	-	-		-	-	0.000464	J	0.00152	0.000198				
Perfluoropentanoic Acid (PFPeA)	2706-90-3		-		-	-	-		-	-	-		-	-	0.00926		0.00304	0.000342				
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7		-		-	-	-		-	-	-		-	-	ND		0.00152	0.000152				
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8		-		-	-	-		-	-	-		-	-	ND		0.00152	0.000175				
Perfluoroundecanoic Acid (PFUnA)	2058-94-8		-		-	-	-		-	-	-		-	-	ND		0.00152	0.000167				

* Comparison is not performed on parameters with non-numeric criteria.

Criteria per Standards & Guidance Values including all addenda through February 2023.

Table 6 - Groundwater Analytical Results
Standard Motor Products, Inc.
Long Island City, Queens, New York
NYSDEC BCP Site No. 241016

			SL				MW-18				MW-18				MW-18				MW-18			
							L2408651-05				L2425158-03				L2449146-05				L2464256-06			
						CI	2/15/2024				5/7/2024				8/27/2024				11/4/2024			
							WATER				WATER				WATER				WATER			
	CAS	NY-AWQS																				
ANALYTE		(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY GC/MS																						
1,1,1,2-Tetrachloroethane	630-20-6	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,1,1-Trichloroethane	71-55-6	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,1,2,2-Tetrachloroethane	79-34-5	5	ND		0.5	0.17	-		-	-	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
1,1,2-Trichloroethane	79-00-5	1	ND		1.5	0.5	-		-	-	ND		1.5	0.5	ND		1.5	0.5	ND		1.5	0.5
1,1-Dichloroethane	75-34-3	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,1-Dichloroethene	75-35-4	5	ND		0.5	0.17	-		-	-	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
1,1-Dichloropropene	563-58-6	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,3-Trichlorobenzene	87-61-6	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,3-Trichloropropane	96-18-4	0.04	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,4,5-Tetramethylbenzene	95-93-2	5	ND		2	0.54	-		-	-	ND		2	0.54	ND		2	0.54	ND		2	0.54
1,2,4-Trichlorobenzene	120-82-1	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,4-Trimethylbenzene	95-63-6	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2-Dibromo-3-chloropropane	96-12-8	0.04	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2-Dibromoethane	106-93-4	0.0006	ND		2	0.65	-		-	-	ND		2	0.65	ND		2	0.65	ND		2	0.65
1,2-Dichlorobenzene	95-50-1	3	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2-Dichloroethane	107-06-2	0.6	ND		0.5	0.13	-		-	-	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13
1,2-Dichloroethene, Total	540-59-0		0.77	J	2.5	0.7	-		-	-	11		2.5	0.7	1.9	J	2.5	0.7	1.9	J	2.5	0.7
1,2-Dichloropropane	78-87-5	1	ND		1	0.14	-		-	-	ND		1	0.14	ND		1	0.14	ND		1	0.14
1,3,5-Trimethylbenzene	108-67-8	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichlorobenzene	541-73-1	3	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichloropropane	142-28-9	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichloropropene, Total	542-75-6		ND		0.5	0.14	-		-	-	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14
1,4-Dichlorobenzene	106-46-7	3	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,4-Dioxane	123-91-1	0.35	ND		250	61	-		-	-	ND		250	61	ND		250	61	ND		250	61
2,2-Dichloropropane	594-20-7	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
2-Butanone	78-93-3	50	ND		5	1.9	-		-	-	ND		5	1.9	ND		5	1.9	ND		5	1.9
2-Hexanone	591-78-6	50	ND		5	1	-		-	-	ND		5	1	ND		5	1	ND		5	1
4-Methyl-2-pentanone	108-10-1		ND		5	1	-		-	-	ND		5	1	ND		5	1	ND		5	1
Acetone	67-64-1	50	ND		5	1.5	-		-	-	ND		5	1.5	ND		5	1.5	ND		5	1.5
Acrylonitrile	107-13-1	5	ND		5	1.5	-		-	-	ND		5	1.5	ND		5	1.5	ND		5	1.5
Benzene	71-43-2	1	ND		0.5	0.16	-		-	-	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
Bromobenzene	108-86-1	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Bromochloromethane	74-97-5	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Bromodichloromethane	75-27-4	50	ND		0.5	0.19	-		-	-	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19
Bromoform	75-25-2	50	ND		2	0.65	-		-	-	ND		2	0.65	ND		2	0.65	ND		2	0.65
Bromomethane	74-83-9	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Carbon disulfide	75-15-0	60	ND		5	1	-		-	-	ND		5	1	ND		5	1	ND		5	1
Carbon tetrachloride	56-23-5	5	ND		0.5	0.13	-		-	-	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13
Chlorobenzene	108-90-7	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Chloroethane	75-00-3	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Chloroform	67-66-3	7	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Chloromethane	74-87-3		ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
cis-1,2-Dichloroethene	156-59-2	5	0.77	J	2.5	0.7	-		-	-	11		2.5	0.7	1.9	J	2.5	0.7	1.9	J	2.5	0.7
cis-1,3-Dichloropropene	10061-01-5	0.4	ND		0.5	0.14	-		-	-	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14
Dibromochloromethane	124-48-1	50	ND		0.5	0.15	-		-	-	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15
Dibromomethane	74-95-3	5	ND		5	1	-		-	-	ND		5	1	ND		5	1	ND		5	1
Dichlorodifluoromethane	75-71-8	5	ND		5	1	-		-	-	ND		5	1	ND		5	1	ND		5	1
Ethyl ether	60-29-7		ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Ethylbenzene	100-41-4	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Hexachlorobutadiene	87-68-3	0.5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Isopropylbenzene	98-82-8	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Methyl tert butyl ether	1634-04-4	10	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.17	ND		2.5	0.17
Methylene chloride	75-09-2	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
n-Butylbenzene	104-51-8	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
n-Propylbenzene	103-65-1	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Naphthalene	91-20-3	10	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
o-Chlorotoluene	95-49-8	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
o-Xylene	95-47-6	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
p-Chlorotoluene	106-43-4	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
p-Diethylbenzene	105-05-5		ND		2	0.7	-		-	-	ND		2	0.7	ND		2	0.7	ND		2	0.7
p-Ethyltoluene	622-96-8		ND		2	0.7	-		-	-	ND		2	0.7	ND		2	0.7	ND		2	0.7
p-Isopropyltoluene	99-87-6	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
p/m-Xylene	179601-23-1	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
sec-Butylbenzene	135-98-8	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Styrene	100-42-5	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
tert-Butylbenzene	98-06-6	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Tetrachloroethene	127-18-4	5	ND		0.5	0.18	-		-	-	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18
Toluene	108-88-3	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
trans-1,2-Dichloroethene	156-60-5	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
trans-1,3-Dichloropropene	10061-02-6	0.4	ND		0.5	0.16	-		-	-	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
trans-1,4-Dichloro-2-butene	110-57-6	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Trichloroethene	79-01-6	5	ND		0.5	0.18	-		-	-	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18
Trichlorofluoromethane	75-69-4	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Vinyl acetate	108-05-4		ND		5	1	-		-	-	ND		5	1	ND		5	1	ND		5	1
Vinyl chloride	75-01-4	2	0.3	J	1	0.07	-		-	-	0.2	J	1	0.07	0.34	J	1	0.07	0.34	J	1	0.07
Xylenes, Total	1330-20-7		ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Total VOCs			1.07		-	-	-	-	-	-	11.2	-	-	-	2.24	-	-	-	-		-	-
1,4 DIOXANE BY 8270E-SIM																						
1,4-Dioxane	123-91-1	0.35	0.237		0.15	0.0339	0.564		0.156	0.0353	0.311		0.15	0.0339	ND		0.139	0.0314				
DISSOLVED METALS																						
Arsenic, Dissolved	7440-38-2	25	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16				
Iron, Dissolved	7439-89-6	300	ND		50	19.1	ND		50	19.1	ND		50	19.1	ND		50	19.1				
Manganese, Dissolved	7439-96-5	300	168.2		1	0.44	202.9		1	0.44	175.3		1	0.44	87.98		1	0.44				
TOTAL METALS																						
Arsenic, Total	7440-38-2	25	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		1	0.16				
Iron, Total	7439-89-6	300	127		50	19.1	97.4		50	19.1	44.3	J	50	19.1	96.8		50	19.1				
Manganese, Total	7439-96-5	300	227.8		1	0.44	245.9		1	0.44	205.4		1	0.44	132.4		1	0.44				
ANIONS BY ION CHROMATOGRAPHY																						
Chloride	16887-00-6	250000	290000		10000	8900	290000		10000	8900	220000		10000	8900	119000		5000	839				
Nitrogen, Nitrate	14797-55-8	10000	51	J	100	22	ND		100	22	-		-	-	50		50	12				
Sulfate	14808-79-8	250000	56000		25000	3400	81000		25000	3400	55000		25000	3400	27700		1000	454				
GENERAL CHEMISTRY																						
Sulfide	18496-25-8	50	-		-	-	-		-	-	-		-	-	ND		100	100				
Total Organic Carbon	7440-44-0		700		500	90	950		500	100	790		500	90	1200		500	90				
DISSOLVED GASES BY GC																						
Methane	74-82-8		63.1		2	2	-		-	-	-		-	-	-		-	-				
Ethene	74-85-1		ND		0.5	0.5	-		-	-	-		-	-	-		-	-				
Ethane	74-84-0		ND		0.5	0.5	-		-	-	-		-	-	-		-	-				
PERFLUORINATED ALKYL ACIDS BY EPA 1633																						
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	763051-92-9		-		-	-	-		-	-	-		-	-	ND		0.00583	0.000408				
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8-2FTS)	39108-34-4		-		-	-	-		-	-	-		-	-	ND		0.00583	0.00112				
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4-2FTS)	757124-72-4		-		-	-	-		-	-	-		-	-	ND		0.00583	0.000831				
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6-2FTS)	27619-97-2		-		-	-	-		-	-	-		-	-	ND		0.00583	0.00439				
2H,3H,3H-Perfluorooctanoic Acid (5-3FTCA)	914637-49-3		-		-	-	-		-	-	-		-	-	ND		0.0364	0.00388				
3-Perfluoroheptyl Propanoic Acid (7-3FTCA)	812-70-4		-		-	-	-		-	-	-		-	-	ND		0.0364	0.0029				
3-Perfluoropropyl Propanoic Acid (3-3FTCA)	356-02-5		-		-	-	-		-	-	-		-	-	ND		0.00729	0.000488				
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	919005-14-4		-		-	-	-		-	-	-		-	-	ND		0.00583	0.000343				
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	756426-58-1		-		-	-	-		-	-	-		-	-	ND		0.00583	0.000401				
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	13252-13-6		-		-	-	-		-	-	-		-	-	ND		0.00583	0.00146				
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	4151-50-2		-		-	-	-		-	-	-		-	-	ND		0.00146	0.000321				
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	1691-99-2		-		-	-	-		-	-	-		-	-	ND		0.0146	0.001				
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6		-		-	-	-		-	-	-		-	-	ND		0.00146	0.000437				
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	31506-32-8		-		-	-	-		-	-	-		-	-	ND		0.00146	0.000204				
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	24448-09-7		-		-	-	-		-	-	-		-	-	ND		0.0146	0.00119				
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9		-		-	-	-		-	-	-		-	-	ND		0.00146	0.000437				
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	151772-58-6		-		-	-	-		-	-	-		-	-	ND		0.00292	0.000496				
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	113507-82-7		-		-	-	-		-	-	-		-	-	ND		0.00292	0.000299				
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	377-73-1		-		-	-	-		-	-	-		-	-	ND		0.00292	0.000226				
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	863090-89-5		-		-	-	-		-	-	-		-	-	ND		0.00292	0.000328				
Perfluorobutanesulfonic Acid (PFBS)	375-73-5		-		-	-	-		-	-	-		-	-	0.00505		0.00146	0.000364				
Perfluorobutanoic Acid (PFBA)	375-22-4		-		-	-	-		-	-	-		-	-	0.0053	J	0.00583	0.000481				
Perfluorodecanesulfonic Acid (PFDS)	335-77-3		-		-	-	-		-	-	-		-	-	ND		0.00146	0.000124				
Perfluorodecanoic Acid (PFDA)	335-76-2		-		-	-	-		-	-	-		-	-	ND		0.00146	0.00019				
Perfluorododecanesulfonic Acid (PFDoS)	79780-39-5		-		-	-	-		-	-	-		-	-	ND		0.00146	0.000219				
Perfluorododecanoic Acid (PFDoA)	307-55-1		-		-	-	-		-	-	-		-	-	ND		0.00146	0.000197				
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8		-		-	-	-		-	-	-		-	-	0.000372	J	0.00146	0.000182				
Perfluoroheptanoic Acid (PFHpA)	375-85-9		-		-	-	-		-	-	-		-	-	0.00483		0.00146	0.000219				
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4		-		-	-	-		-	-	-		-	-	0.00342		0.00146	0.000124				
Perfluorohexanoic Acid (PFHxA)	307-24-4		-		-	-	-		-	-	-		-	-	0.00682		0.00146	0.000226				
Perfluorononanesulfonic Acid (PFNS)	68259-12-1		-		-	-	-		-	-	-		-	-	ND		0.00146	0.000182				
Perfluorononanoic Acid (PFNA)	375-95-1		-		-	-	-		-	-	-		-	-	0.00334		0.00146	0.00024				
Perfluorooctanesulfonamide (PFOSA)	754-91-8		-		-	-	-		-	-	-		-	-	ND		0.00146	0.000088				
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.0027	-		-	-	-		-	-	-		-	-	0.0168		0.00146	0.00024				
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0067	-		-	-	-		-	-	-		-	-	0.0251		0.00146	0.00024				
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4		-		-	-	-		-	-	-		-	-	0.000386	J	0.00146	0.00019				
Perfluoropentanoic Acid (PFPeA)	2706-90-3		-		-	-	-		-	-	-		-	-	0.00951		0.00292	0.000328				
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7		-		-	-	-		-	-	-		-	-	ND		0.00146	0.000146				
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8		-		-	-	-		-	-	-		-	-	ND		0.00146	0.000168				
Perfluoroundecanoic Acid (PFUnA)	2058-94-8		-		-	-	-		-	-	-		-	-	ND		0.00146	0.00016				

* Comparison is not performed on parameters with non-numeric criteria.

Criteria per Standards & Guidance Values including all addenda through February 2023.

Table 6 - Groundwater Analytical Results
Standard Motor Products, Inc.
Long Island City, Queens, New York
NYSDEC BCP Site No. 241016

			Sa	MW-19				MW-19 (DUP)				MW-19				MW-19				MW-19			
				L2408651-06				L2408651-08				L2425158-05				L2449146-06				L2464256-02			
			Cl	2/15/2024				2/15/2024				5/7/2024				8/27/2024				11/4/2024			
				WATER				WATER				WATER				WATER				WATER			
ANALYTE	CAS	NY-AWQS (ug/l)		Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY GC/MS																							
1,1,1,2-Tetrachloroethane	630-20-6	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,1,1-Trichloroethane	71-55-6	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,1,2,2-Tetrachloroethane	79-34-5	5		ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
1,1,2-Trichloroethane	79-00-5	1		ND		1.5	0.5	ND		1.5	0.5	ND		1.5	0.5	ND		1.5	0.5	ND		1.5	0.5
1,1-Dichloroethane	75-34-3	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,1-Dichloroethene	75-35-4	5		ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
1,1-Dichloropropene	563-58-6	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,3-Trichlorobenzene	87-61-6	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,3-Trichloropropane	96-18-4	0.04		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,4,5-Tetramethylbenzene	95-93-2	5		ND		2	0.54	ND		2	0.54	ND		2	0.54	ND		2	0.54	ND		2	0.54
1,2,4-Trichlorobenzene	120-82-1	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,4-Trimethylbenzene	95-63-6	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2-Dibromo-3-chloropropane	96-12-8	0.04		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2-Dibromoethane	106-93-4	0.00006		ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		2	0.65
1,2-Dichlorobenzene	95-50-1	3		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2-Dichloroethane	107-06-2	0.6		ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13
1,2-Dichloroethene, Total	540-59-0			2.7		2.5	0.7	2.8		2.5	0.7	0.74	J	2.5	0.7	7.8		2.5	0.7	17	J	2.5	0.7
1,2-Dichloropropane	78-87-5	1		ND		1	0.14	ND		1	0.14	ND		1	0.14	ND		1	0.14	ND		1	0.14
1,3,5-Trimethylbenzene	108-67-8	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichlorobenzene	541-73-1	3		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichloropropane	142-28-9	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichloropropene, Total	542-75-6			ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14
1,4-Dichlorobenzene	106-46-7	3		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,4-Dioxane	123-91-1	0.35		ND		250	61	ND		250	61	ND		250	61	ND		250	61	ND		250	61
2,2-Dichloropropane	594-20-7	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
2-Butanone	78-93-3	50		ND		5	1.9	ND		5	1.9	ND		5	1.9	ND		5	1.9	ND		5	1.9
2-Hexanone	591-78-6	50		ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1
4-Methyl-2-pentanone	108-10-1			ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1
Acetone	67-64-1	50		ND		5	1.5	ND		5	1.5	ND		5	1.5	1.7	J	5	1.5	ND		5	1.5
Acrylonitrile	107-13-1	5		ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5
Benzene	71-43-2	1		ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
Bromobenzene	108-86-1	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Bromochloromethane	74-97-5	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Bromodichloromethane	75-27-4	50		ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19
Bromoform	75-25-2	50		ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		2	0.65
Bromomethane	74-83-9	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Carbon disulfide	75-15-0	60		ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1
Carbon tetrachloride	56-23-5	5		ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13
Chlorobenzene	108-90-7	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Chloroethane	75-00-3	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Chloroform	67-66-3	7		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Chloromethane	74-87-3			ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
cis-1,2-Dichloroethene	156-59-2	5		2.7		2.5	0.7	2.8		2.5	0.7	0.74	J	2.5	0.7	7.8		2.5	0.7	16		2.5	0.7
cis-1,3-Dichloropropene	10061-01-5	0.4		ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14
Dibromochloromethane	124-48-1	50		ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15
Dibromomethane	74-95-3	5		ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1
Dichlorodifluoromethane	75-71-8	5		ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1
Ethyl ether	60-29-7			ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Ethylbenzene	100-41-4	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Hexachlorobutadiene	87-68-3	0.5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Isopropylbenzene	98-82-8	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Methyl tert butyl ether	1634-04-4	10		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.17	ND		2.5	0.17
Methylene chloride	75-09-2	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
n-Butylbenzene	104-51-8	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
n-Propylbenzene	103-65-1	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Naphthalene	91-20-3	10		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
o-Chlorotoluene	95-49-8	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
o-Xylene	95-47-6	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
p-Chlorotoluene	106-43-4	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
p-Diethylbenzene	105-05-5			ND		2	0.7	ND		2	0.7	ND		2	0.7	ND		2	0.7	ND		2	0.7
p-Ethyltoluene	622-96-8			ND		2	0.7	ND		2	0.7	ND		2	0.7	ND		2	0.7	ND		2	0.7
p-Isopropyltoluene	99-87-6	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
p/m-Xylene	179601-23-1	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
sec-Butylbenzene	135-98-8	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Styrene	100-42-5	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
tert-Butylbenzene	98-06-6	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Tetrachloroethene	127-18-4	5		ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18
Toluene	108-88-3	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
trans-1,2-Dichloroethene	156-60-5	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	1.2	J	2.5	0.7
trans-1,3-Dichloropropene	10061-02-6	0.4		ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
trans-1,4-Dichloro-2-butene	110-57-6	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Trichloroethene	79-01-6	5		ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	0.36	J	0.5	0.18
Trichlorofluoromethane	75-69-4	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Vinyl acetate	108-05-4			ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1
Vinyl chloride	75-01-4	2		0.24	J	1	0.07	0.26	J	1	0.07	0.26	J	1	0.07	0.4	J	1	0.07	ND		1	0.07
Xylenes, Total	1330-20-7			ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Total VOCs				2.94	-	-	-	3.06	-	-	-	1	-	-	-	9.9	-	-	-	17.56	-	-	-
1,4 DIOXANE BY 8270E-SIM																							
1,4-Dioxane	123-91-1	0.35		0.346		0.15	0.0339	0.351		0.15	0.0339	0.194		0.136	0.0308	0.636		0.136	0.0308	0.18		0.134	0.0303
DISSOLVED METALS																							
Arsenic, Dissolved	7440-38-2	25		ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
Iron, Dissolved	7439-89-6	300		168		50	19.1	38.8	J	50	19.1	ND		50	19.1	ND		50	19.1	ND		50	19.1
Manganese, Dissolved	7439-96-5	300		108.4		1	0.44	108.8		1	0.44	319.2		1	0.44	237		1	0.44	128		1	0.44
TOTAL METALS																							
Arsenic, Total	7440-38-2	25		2.27		0.5	0.16	1.77		0.5	0.16	0.18	J	0.5	0.16	ND		0.5	0.16	0.18	J	1	0.16
Iron, Total	7439-89-6	300		16700		50	19.1	11400		50	19.1	687		50	19.1	338		50	19.1	137		50	19.1
Manganese, Total	7439-96-5	300		4662		10	4.4	3824		10	4.4	598.8		1	0.44	366.4		1	0.44	264.3		1	0.44
ANIONS BY ION CHROMATOGRAPHY																							
Chloride	16887-00-6	250000		230000		10000	8900	220000		10000	8900	300000		10000	8900	240000		10000	8900	180000		5000	839
Nitrogen, Nitrate	14797-55-8	10000		24	J	100	22	40	J	100	22	ND		100	22	40	J	100	22	ND		50	12
Sulfate	14808-79-8	250000		67000		25000	3400	68000		25000	3400	59000		25000	3400	85000		25000	3400	62900		1000	454
GENERAL CHEMISTRY																							
Sulfide	18496-25-8	50		-		-	-	-		-	-	-		-	-	-		-	-	ND		100	100
Total Organic Carbon	7440-44-0			810		500	90	820		500	90	1000		500	100	980		500	90	1200		500	90
DISSOLVED GASES BY GC																							
Methane	74-82-8			14.3		2	2	13.9		2	2	-		-	-	-		-	-	-		-	-
Ethene	74-85-1			ND		0.5	0.5	ND		0.5	0.5	-		-	-	-		-	-	-		-	-
Ethane	74-84-0			ND		0.5	0.5	ND		0.5	0.5	-		-	-	-		-	-	-		-	-
PERFLUORINATED ALKYL ACIDS BY EPA 1633																							
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	763051-92-9			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.006	0.00042
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.006	0.00115
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	757124-72-4			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.006	0.000854
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2			-		-	-	-		-	-	-		-	-	-		-	-	0.015		0.006	0.00451
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	914637-49-3			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.0375	0.00399
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	812-70-4			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.0375	0.00298
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	356-02-5			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.0075	0.000502
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	919005-14-4			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.006	0.000352
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	756426-58-1			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.006	0.000412
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	13252-13-6			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.006	0.0015
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	4151-50-2			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.0015	0.00033
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	1691-99-2			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.015	0.00103
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.0015	0.00045
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	31506-32-8			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.0015	0.00021
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	24448-09-7			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.015	0.00122
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.0015	0.00045
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	151772-58-6			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.003	0.00051
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	113507-82-7			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.003	0.000307
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	377-73-1			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.003	0.000232
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	863090-89-5			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.003	0.000337
Perfluorobutanesulfonic Acid (PFBS)	375-73-5			-		-	-	-		-	-	-		-	-	-		-	-	0.00392		0.0015	0.000375
Perfluorobutanoic Acid (PFBA)	375-22-4			-		-	-	-		-	-	-		-	-	-		-	-	0.00858		0.006	0.000495
Perfluorododecanesulfonic Acid (PFDS)	335-77-3			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.0015	0.000127
Perfluorododecanoic Acid (PFDA)	335-76-2			-		-	-	-		-	-	-		-	-	-		-	-	0.00039	J	0.0015	0.000195
Perfluorododecanesulfonic Acid (PFDoS)	79780-39-5			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.0015	0.000225
Perfluorododecanoic Acid (PFDoA)	307-55-1			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.0015	0.000202
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8			-		-	-	-		-	-	-		-	-	-		-	-	0.000225	J	0.0015	0.000187
Perfluoroheptanoic Acid (PFHpA)	375-85-9			-		-	-	-		-	-	-		-	-	-		-	-	0.00731		0.0015	0.000225
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4			-		-	-	-		-	-	-		-	-	-		-	-	0.00508		0.0015	0.000127
Perfluorohexanoic Acid (PFHxA)	307-24-4			-		-	-	-		-	-	-		-	-	-		-	-	0.0118		0.0015	0.000232
Perfluorononanesulfonic Acid (PFNS)	68259-12-1			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.0015	0.000187
Perfluorononanoic Acid (PFNA)	375-95-1			-		-	-	-		-	-	-		-	-	-		-	-	0.00291		0.0015	0.000247
Perfluorooctanesulfonamide (PFOSA)	754-91-6			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.0015	0.00009
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.0027		-		-	-	-		-	-	-		-	-	-		-	-	0.0125		0.0015	0.000247
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0067		-		-	-	-		-	-	-		-	-	-		-	-	0.0408		0.0015	0.000247
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4			-		-	-	-		-	-	-		-	-	-		-	-	0.000772	J	0.0015	0.000195
Perfluoropentanoic Acid (PFPeA)	2706-90-3			-		-	-	-		-	-	-		-	-	-		-	-	0.0182		0.003	0.000337
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.0015	0.00015
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.0015	0.000172
Perfluoroundecanoic Acid (PFUnA)	2058-94-8			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.0015	0.000165

* Comparison is not performed on parameters with non-numeric criteria.

Criteria per Standards & Guidance Values including all addenda through February 2023.

Table 6 - Groundwater Analytical Results
Standard Motor Products, Inc.
Long Island City, Queens, New York
NYSDEC BCP Site No. 241016

			Sample ID				MW-20				MW-20				MW-20				MW-20				MW-20			
			Lab Sample ID				L2408651-07				L2425158-02				L2425633-03				L2449146-07				L2464256-03			
			CI				2/15/2024				5/7/2024				5/8/2024				8/27/2024				11/4/2024			
							WATER				WATER				WATER				WATER				WATER			
	CAS	NY-AWQS																								
ANALYTE		(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY GC/MS																										
1,1,1,2-Tetrachloroethane	630-20-6	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,1,1-Trichloroethane	71-55-6	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,1,2,2-Tetrachloroethane	79-34-5	5	ND		0.5	0.17	-		-	-	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
1,1,2-Trichloroethane	79-00-5	1	ND		1.5	0.5	-		-	-	ND		1.5	0.5	ND		1.5	0.5	ND		1.5	0.5	ND		1.5	0.5
1,1-Dichloroethane	75-34-3	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,1-Dichloroethene	75-35-4	5	ND		0.5	0.17	-		-	-	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
1,1-Dichloropropene	563-58-6	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,3-Trichlorobenzene	87-61-6	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,3-Trichloropropane	96-18-4	0.04	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,4,5-Tetramethylbenzene	95-93-2	5	ND		2	0.54	-		-	-	ND		2	0.54	ND		2	0.54	ND		2	0.54	ND		2	0.54
1,2,4-Trichlorobenzene	120-82-1	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,4-Trimethylbenzene	95-63-6	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2-Dibromo-3-chloropropane	96-12-8	0.04	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2-Dibromoethane	106-93-4	0.00006	ND		2	0.65	-		-	-	ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		2	0.65
1,2-Dichlorobenzene	95-50-1	3	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2-Dichloroethane	107-06-2	0.6	ND		0.5	0.13	-		-	-	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13
1,2-Dichloroethene, Total	540-59-0		ND		2.5	0.7	-		-	-	ND		2.5	0.7	3.7		2.5	0.7	6.8	J	2.5	0.7	ND		2.5	0.7
1,2-Dichloropropane	78-87-5	1	ND		1	0.14	-		-	-	ND		1	0.14	ND		1	0.14	ND		1	0.14	ND		1	0.14
1,3,5-Trimethylbenzene	108-67-8	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichlorobenzene	541-73-1	3	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichloropropane	142-28-9	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichloropropene, Total	542-75-6		ND		0.5	0.14	-		-	-	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14
1,4-Dichlorobenzene	106-46-7	3	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,4-Dioxane	123-91-1	0.35	ND		250	81	-		-	-	ND		250	61	ND		250	61	ND		250	61	ND		250	61
2,2-Dichloropropane	594-20-7	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
2-Butanone	78-93-3	50	ND		5	1.9	-		-	-	ND		5	1.9	ND		5	1.9	ND		5	1.9	ND		5	1.9
2-Hexanone	591-78-6	50	ND		5	1	-		-	-	ND		5	1	ND		5	1	ND		5	1	ND		5	1
4-Methyl-2-pentanone	108-10-1		ND		5	1	-		-	-	ND		5	1	ND		5	1	ND		5	1	ND		5	1
Acetone	67-64-1	50	ND		5	1.5	-		-	-	3	J	5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5
Acrylonitrile	107-13-1	5	ND		5	1.5	-		-	-	ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5
Benzene	71-43-2	1	ND		0.5	0.16	-		-	-	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
Bromobenzene	108-86-1	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Bromochloromethane	74-97-5	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Bromodichloromethane	75-27-4	50	ND		0.5	0.19	-		-	-	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19
Bromoform	75-25-2	50	ND		2	0.65	-		-	-	ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		2	0.65
Bromomethane	74-83-9	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Carbon disulfide	75-15-0	60	ND		5	1	-		-	-	ND		5	1	ND		5	1	ND		5	1	ND		5	1
Carbon tetrachloride	56-23-5	5	ND		0.5	0.13	-		-	-	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13
Chlorobenzene	108-90-7	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Chloroethane	75-00-3	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Chloroform	67-66-3	7	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Chloromethane	74-87-3		ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
cis-1,2-Dichloroethene	156-59-2	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	3.7		2.5	0.7	1.8	J	2.5	0.7	ND		2.5	0.7
cis-1,3-Dichloropropene	10061-01-5	0.4	ND		0.5	0.14	-		-	-	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14
Dibromochloromethane	124-48-1	50	ND		0.5	0.15	-		-	-	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15
Dibromomethane	74-95-3	5	ND		5	1	-		-	-	ND		5	1	ND		5	1	ND		5	1	ND		5	1
Dichlorodifluoromethane	75-71-8	5	ND		5	1	-		-	-	ND		5	1	ND		5	1	ND		5	1	ND		5	1
Ethyl ether	60-29-7		ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Ethylbenzene	100-41-4	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Hexachlorobutadiene	87-68-3	0.5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Isopropylbenzene	98-82-8	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Methyl tert butyl ether	1634-04-4	10	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.17	ND		2.5	0.17	ND		2.5	0.17
Methylene chloride	75-09-2	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
n-Butylbenzene	104-51-8	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
n-Propylbenzene	103-65-1	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Naphthalene	91-20-3	10	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
o-Chlorotoluene	95-49-8	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
o-Xylene	95-47-6	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
p-Chlorotoluene	106-43-4	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
p-Diethylbenzene	105-05-5		ND		2	0.7	-		-	-	ND		2	0.7	ND		2	0.7	ND		2	0.7	ND		2	0.7
p-Ethyltoluene	622-96-8		ND		2	0.7	-		-	-	ND		2	0.7	ND		2	0.7	ND		2	0.7	ND		2	0.7
p-Isopropyltoluene	99-87-6	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
p/m-Xylene	179601-23-1	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
sec-Butylbenzene	135-98-8	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Styrene	100-42-5	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
tert-Butylbenzene	98-06-6	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Tetrachloroethene	127-18-4	5	ND		0.5	0.18	-		-	-	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18
Toluene	108-88-3	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
trans-1,2-Dichloroethene	156-60-5	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	5		2.5	0.7	5		2.5	0.7
trans-1,3-Dichloropropene	10061-02-6	0.4	ND		0.5	0.16	-		-	-	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
trans-1,4-Dichloro-2-butene	110-57-6	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Trichloroethene	79-01-6	5	ND		0.5	0.18	-		-	-	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18
Trichlorofluoromethane	75-69-4	5	ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Vinyl acetate	108-05-4		ND		5	1	-		-	-	ND		5	1	ND		5	1	ND		5	1	ND		5	1
Vinyl chloride	75-01-4	2	ND		1	0.07	-		-	-	0.1	J	1	0.07	0.13	J	1	0.07	ND		1	0.07	ND		1	0.07
Xylenes, Total	1330-20-7		ND		2.5	0.7	-		-	-	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Total VOCs			-		-	-	-		-	-	3.1		-	-	3.83		-	-	-		-	-	6.8		-	-
1,4 DIOXANE BY 8270E-SIM																										
1,4-Dioxane	123-91-1	0.35	0.23		0.15	0.0339	0.332		0.147	0.0332	-		-	-	0.162		0.153	0.0346	ND		0.139	0.0314				
DISSOLVED METALS																										
Arsenic, Dissolved	7440-38-2	25	ND		0.5	0.16	ND		0.5	0.16	-		-	-	ND		0.5	0.16	ND		0.5	0.16				
Iron, Dissolved	7439-89-6	300	ND		50	19.1	55.5		50	19.1	-		-	-	ND		50	19.1	ND		50	19.1				
Manganese, Dissolved	7439-96-5	300	161.9		1	0.44	240.7		1	0.44	-		-	-	151.5		1	0.44	60.54		1	0.44				
TOTAL METALS																										
Arsenic, Total	7440-38-2	25	0.22	J	0.5	0.16	ND		0.5	0.16	-		-	-	ND		0.5	0.16	0.22	J	1	0.16				
Iron, Total	7439-89-6	300	348		50	19.1	444		50	19.1	-		-	-	279		50	19.1	320		50	19.1				
Manganese, Total	7439-96-5	300	182.5		1	0.44	257.6		1	0.44	-		-	-	165.1		1	0.44	84.92		1	0.44				
ANIONS BY ION CHROMATOGRAPHY																										
Chloride	16887-00-6	250000	290000		10000	8900	300000		10000	8900	-		-	-	200000		10000	8900	95700		5000	839				
Nitrogen, Nitrate	14797-55-8	10000	ND		100	22	ND		100	22	-		-	-	ND		100	22	ND		50	12				
Sulfate	14808-79-8	250000	51000		25000	3400	80000		25000	3400	-		-	-	48000		25000	3400	25800		1000	454				
GENERAL CHEMISTRY																										
Sulfide	18496-25-8	50	-		-	-	-		-	-	-		-	-	-		-	-	ND		100	100				
Total Organic Carbon	7440-44-0		710		500	90	-		-	-	-		-	-	1600		500	90	2200		500	90				
DISSOLVED GASES BY GC																										
Methane	74-82-8		166		2	2	-		-	-	-		-	-	-		-	-	-		-	-				
Ethene	74-85-1		ND		0.5	0.5	-		-	-	-		-	-	-		-	-	-		-	-				
Ethane	74-84-0		ND		0.5	0.5	-		-	-	-		-	-	-		-	-	-		-	-				
PERFLUORINATED ALKYL ACIDS BY EPA 1633																										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	763051-92-9		-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00661	0.000462				
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4		-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00661	0.00126				
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	757124-72-4		-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00661	0.000942				
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2		-		-	-	-		-	-	-		-	-	-		-	-	0.077		0.00661	0.00497				
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	914637-49-3		-		-	-	-		-	-	-		-	-	-		-	-	ND		0.0413	0.00439				
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	812-70-4		-		-	-	-		-	-	-		-	-	-		-	-	ND		0.0413	0.00329				
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	356-02-5		-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00826	0.000553				
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	919005-14-4		-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00661	0.000388				
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	756426-58-1		-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00661	0.000454				
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	13252-13-6		-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00661	0.00165				
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	4151-50-2		-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00165	0.000363				
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	1691-99-2		-		-	-	-		-	-	-		-	-	-		-	-	ND		0.0165	0.00114				
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6		-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00165	0.000496				
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	31506-32-8		-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00165	0.000231				
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	24448-09-7		-		-	-	-		-	-	-		-	-	-		-	-	ND		0.0165	0.00135				
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9		-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00165	0.000496				
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	151772-58-6		-		-	-	-		-	-	-		-	-	-		-	-	ND		0.0033	0.000582				
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	113507-82-7		-		-	-	-		-	-	-		-	-	-		-	-	ND		0.0033	0.000339				
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	377-73-1		-		-	-	-		-	-	-		-	-	-		-	-	ND		0.0033	0.000256				
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	863090-89-5		-		-	-	-		-	-	-		-	-	-		-	-	ND		0.0033	0.000372				
Perfluorobutanesulfonic Acid (PFBS)	375-73-5		-		-	-	-		-	-	-		-	-	-		-	-	0.00145	J	0.00165	0.000413				
Perfluorobutanoic Acid (PFBA)	375-22-4		-		-	-	-		-	-	-		-	-	-		-	-	0.00887		0.00661	0.000545				
Perfluorodecanesulfonic Acid (PFDS)	335-77-3		-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00165	0.00014				
Perfluorodecanoic Acid (PFDA)	335-76-2		-		-	-	-		-	-	-		-	-	-		-	-	0.000438	J	0.00165	0.000215				
Perfluorododecanesulfonic Acid (PFDoS)	79780-39-5		-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00165	0.000248				
Perfluorododecanoic Acid (PFDoA)	307-55-1		-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00165	0.000223				
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8		-		-	-	-		-	-	-		-	-	-		-	-	0.00033	J	0.00165	0.000206				
Perfluoroheptanoic Acid (PFHpA)	375-85-9		-		-	-	-		-	-	-		-	-	-		-	-	0.00267		0.00165	0.000248				
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4		-		-	-	-		-	-	-		-	-	-		-	-	0.00247		0.00165	0.00014				
Perfluorohexanoic Acid (PFHxA)	307-24-4		-		-	-	-		-	-	-		-	-	-		-	-	0.0035		0.00165	0.000256				
Perfluorononanesulfonic Acid (PFNS)	68259-12-1		-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00165	0.000206				
Perfluorononanoic Acid (PFNA)	375-95-1		-		-	-	-		-	-	-		-	-	-		-	-	0.00264		0.00165	0.000272				
Perfluorooctanesulfonamide (PFOSA)	754-91-6		-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00165	0.000099				
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.0027	-		-	-	-		-	-	-		-	-	-		-	-	0.0148		0.00165	0.000272				
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0067	-		-	-	-		-	-	-		-	-	-		-	-	0.0128		0.00165	0.000272				
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4		-		-	-	-		-	-	-		-	-	-		-	-	0.000248	J	0.00165	0.000215				
Perfluoropentanoic Acid (PFPeA)	2706-90-3		-		-	-	-		-	-	-		-	-	-		-	-	0.00496		0.0033	0.000372				
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7		-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00165	0.000165				
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8		-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00165	0.00019				
Perfluoroundecanoic Acid (PFUnA)	2058-94-8		-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00165	0.000182				

* Comparison is not performed on parameters with non-numeric criteria.

Criteria per Standards & Guidance Values including all addenda through February 2023.

Table 6 - Groundwater Analytical Results
Standard Motor Products, Inc.
Long Island City, Queens, New York
NYSDEC BCP Site No. 241016

			S.				TRIP BLANK				TRIP BLANK				TRIP BLANK				TRIP BLANK			
							L2408651-10				L2425158-08				L2449146-09				L2464256-10			
			CI				2/14/2024				5/5/2024				8/27/2024				11/4/2024			
							WATER				WATER				WATER				WATER			
	CAS	NY-AWQS																				
ANALYTE		(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY GC/MS																						
1,1,1,2-Tetrachloroethane	630-20-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,1,1-Trichloroethane	71-55-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,1,2,2-Tetrachloroethane	79-34-5	5	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
1,1,2-Trichloroethane	79-00-5	1	ND		1.5	0.5	ND		1.5	0.5	ND		1.5	0.5	ND		1.5	0.5	ND		1.5	0.5
1,1-Dichloroethane	75-34-3	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,1-Dichloroethene	75-35-4	5	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
1,1-Dichloropropene	563-58-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,3-Trichlorobenzene	87-61-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,3-Trichloropropane	96-18-4	0.04	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,4,5-Tetramethylbenzene	95-93-2	5	ND		2	0.54	ND		2	0.54	ND		2	0.54	ND		2	0.54	ND		2	0.54
1,2,4-Trichlorobenzene	120-82-1	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,4-Trimethylbenzene	95-63-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2-Dibromo-3-chloropropane	96-12-8	0.04	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2-Dibromoethane	106-93-4	0.0006	ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		2	0.65
1,2-Dichlorobenzene	95-50-1	3	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2-Dichloroethane	107-06-2	0.6	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13
1,2-Dichloroethene, Total	540-59-0		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2-Dichloropropane	78-87-5	1	ND		1	0.14	ND		1	0.14	ND		1	0.14	ND		1	0.14	ND		1	0.14
1,3,5-Trimethylbenzene	108-67-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichlorobenzene	541-73-1	3	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichloropropane	142-28-9	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichloropropene, Total	542-75-6		ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14
1,4-Dichlorobenzene	106-46-7	3	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,4-Dioxane	123-91-1	0.35	ND		250	61	ND		250	61	ND		250	61	ND		250	61	ND		250	61
2,2-Dichloropropane	594-20-7	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
2-Butanone	78-93-3	50	ND		5	1.9	ND		5	1.9	ND		5	1.9	ND		5	1.9	ND		5	1.9
2-Hexanone	591-78-6	50	ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1
4-Methyl-2-pentanone	108-10-1		ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1
Acetone	67-64-1	50	ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5
Acrylonitrile	107-13-1	5	ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5
Benzene	71-43-2	1	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
Bromobenzene	108-86-1	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Bromochloromethane	74-97-5	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Bromodichloromethane	75-27-4	50	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19
Bromoform	75-25-2	50	ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		2	0.65
Bromomethane	74-83-9	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Carbon disulfide	75-15-0	60	ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1
Carbon tetrachloride	56-23-5	5	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13
Chlorobenzene	108-90-7	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Chloroethane	75-00-3	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Chloroform	67-66-3	7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Chloromethane	74-87-3		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
cis-1,2-Dichloroethene	156-59-2	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
cis-1,3-Dichloropropene	10061-01-5	0.4	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14
Dibromochloromethane	124-48-1	50	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15
Dibromomethane	74-95-3	5	ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1
Dichlorodifluoromethane	75-71-8	5	ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1
Ethyl ether	60-29-7		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Ethylbenzene	100-41-4	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Hexachlorobutadiene	87-68-3	0.5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Isopropylbenzene	98-82-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Methyl tert butyl ether	1634-04-4	10	ND		2.5	0.7	ND		2.5	0.17	ND		2.5	0.17	ND		2.5	0.17	ND		2.5	0.17
Methylene chloride	75-09-2	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
n-Butylbenzene	104-51-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
n-Propylbenzene	103-65-1	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Naphthalene	91-20-3	10	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
o-Chlorotoluene	95-49-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
o-Xylene	95-47-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
p-Chlorotoluene	106-43-4	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
p-Diethylbenzene	105-05-5		ND		2	0.7	ND		2	0.7	ND		2	0.7	ND		2	0.7	ND		2	0.7
p-Ethyltoluene	622-96-8		ND		2	0.7	ND		2	0.7	ND		2	0.7	ND		2	0.7	ND		2	0.7
p-Isopropyltoluene	99-87-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
p/m-Xylene	179601-23-1	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
sec-Butylbenzene	135-98-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Styrene	100-42-5	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
tert-Butylbenzene	98-06-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Tetrachloroethene	127-18-4	5	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18
Toluene	108-88-3	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
trans-1,2-Dichloroethene	156-60-5	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
trans-1,3-Dichloropropene	10061-02-6	0.4	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18
trans-1,4-Dichloro-2-butene	110-57-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Trichloroethene	79-01-6	5	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18
Trichlorofluoromethane	75-69-4	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Vinyl acetate	108-05-4		ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1
Vinyl chloride	75-01-4	2	ND		1	0.07	ND		1	0.07	ND		1	0.07	ND		1	0.07	ND		1	0.07
Xylenes, Total	1330-20-7		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Total VOCs			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4 DIOXANE BY 8270E-SIM																						
1,4-Dioxane	123-91-1	0.35	-	-	-	-	-		-	-	-		-	-	-		-	-	-		-	-
DISSOLVED METALS																						
Arsenic, Dissolved	7440-38-2	25	-	-	-	-	-		-	-	-		-	-	-		-	-	-		-	-
Iron, Dissolved	7439-89-6	300	-	-	-	-	-		-	-	-		-	-	-		-	-	-		-	-
Manganese, Dissolved	7439-96-5	300	-	-	-	-	-		-	-	-		-	-	-		-	-	-		-	-
TOTAL METALS																						
Arsenic, Total	7440-38-2	25	-	-	-	-	-		-	-	-		-	-	-		-	-	-		-	-
Iron, Total	7439-89-6	300	-	-	-	-	-		-	-	-		-	-	-		-	-	-		-	-
Manganese, Total	7439-96-5	300	-	-	-	-	-		-	-	-		-	-	-		-	-	-		-	-
ANIONS BY ION CHROMATOGRAPHY																						
Chloride	16887-00-6	250000	-	-	-	-	-		-	-	-		-	-	-		-	-	-		-	-
Nitrogen, Nitrate	14797-55-8	10000	-	-	-	-	-		-	-	-		-	-	-		-	-	-		-	-
Sulfate	14808-79-8	250000	-	-	-	-	-		-	-	-		-	-	-		-	-	-		-	-
GENERAL CHEMISTRY																						
Sulfide	18496-25-8	50	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Total Organic Carbon	7440-44-0		-	-	-	-	-		-	-	-		-	-	-		-	-	-		-	-
DISSOLVED GASES BY GC																						
Methane	74-82-8		-	-	-	-	-		-	-	-		-	-	-		-	-	-		-	-
Ethene	74-85-1		-	-	-	-	-		-	-	-		-	-	-		-	-	-		-	-
Ethane	74-84-0		-	-	-	-	-		-	-	-		-	-	-		-	-	-		-	-
PERFLUORINATED ALKYL ACIDS BY EPA 1633																						
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	763051-92-9				-	-			-	-			-	-			-	-			-	-
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8-2FTS)	39108-34-4				-	-			-	-			-	-			-	-			-	-
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4-2FTS)	757124-72-4				-	-			-	-			-	-			-	-			-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6-2FTS)	27619-97-2				-	-			-	-			-	-			-	-			-	-
2H,3H,3H-Perfluorooctanoic Acid (5-3FTCA)	914637-49-3				-	-			-	-			-	-			-	-			-	-
3-Perfluoroheptyl Propanoic Acid (7-3FTCA)	812-70-4				-	-			-	-			-	-			-	-			-	-
3-Perfluoropropyl Propanoic Acid (3-3FTCA)	356-02-5				-	-			-	-			-	-			-	-			-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	919005-14-4				-	-			-	-			-	-			-	-			-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	756426-58-1				-	-			-	-			-	-			-	-			-	-
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	13252-13-6				-	-			-	-			-	-			-	-			-	-
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	4151-50-2				-	-			-	-			-	-			-	-			-	-
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	1691-99-2				-	-			-	-			-	-			-	-			-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6				-	-			-	-			-	-			-	-			-	-
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	31506-32-8				-	-			-	-			-	-			-	-			-	-
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	24448-09-7				-	-			-	-			-	-			-	-			-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9				-	-			-	-			-	-			-	-			-	-
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	151772-58-6				-	-			-	-			-	-			-	-			-	-
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	113507-82-7				-	-			-	-			-	-			-	-			-	-
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	377-73-1				-	-			-	-			-	-			-	-			-	-
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	863090-89-5				-	-			-	-			-	-			-	-			-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5				-	-			-	-			-	-			-	-			-	-
Perfluorobutanoic Acid (PFBA)	375-22-4				-	-			-	-			-	-			-	-			-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3				-	-			-	-			-	-			-	-			-	-
Perfluorodecanoic Acid (PFDA)	335-76-2				-	-			-	-			-	-			-	-			-	-
Perfluorododecanesulfonic Acid (PFDoS)	79780-39-5				-	-			-	-			-	-			-	-			-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1				-	-			-	-			-	-			-	-			-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8				-	-			-	-			-	-			-	-			-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9				-	-			-	-			-	-			-	-			-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4				-	-			-	-			-	-			-	-			-	-
Perfluorohexanoic Acid (PFHxA)	307-24-4				-	-			-	-			-	-			-	-			-	-
Perfluorononanesulfonic Acid (PFNS)	68259-12-1				-	-			-	-			-	-			-	-			-	-
Perfluorononanoic Acid (PFNA)	375-95-1				-	-			-	-			-	-			-	-			-	-
Perfluorooctanesulfonamide (PFOSA)	754-91-8				-	-			-	-			-	-			-	-			-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.0027			-	-			-	-			-	-			-	-			-	-
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0067			-	-			-	-			-	-			-	-			-	-
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4				-	-			-	-			-	-			-	-			-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3				-	-			-	-			-	-			-	-			-	-
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7				-	-			-	-			-	-			-	-			-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8				-	-			-	-			-	-			-	-			-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8				-	-			-	-			-	-			-	-			-	-

* Comparison is not performed on parameters with non-numeric criteria.

Criteria per Standards & Guidance Values including all addenda through February 2023.

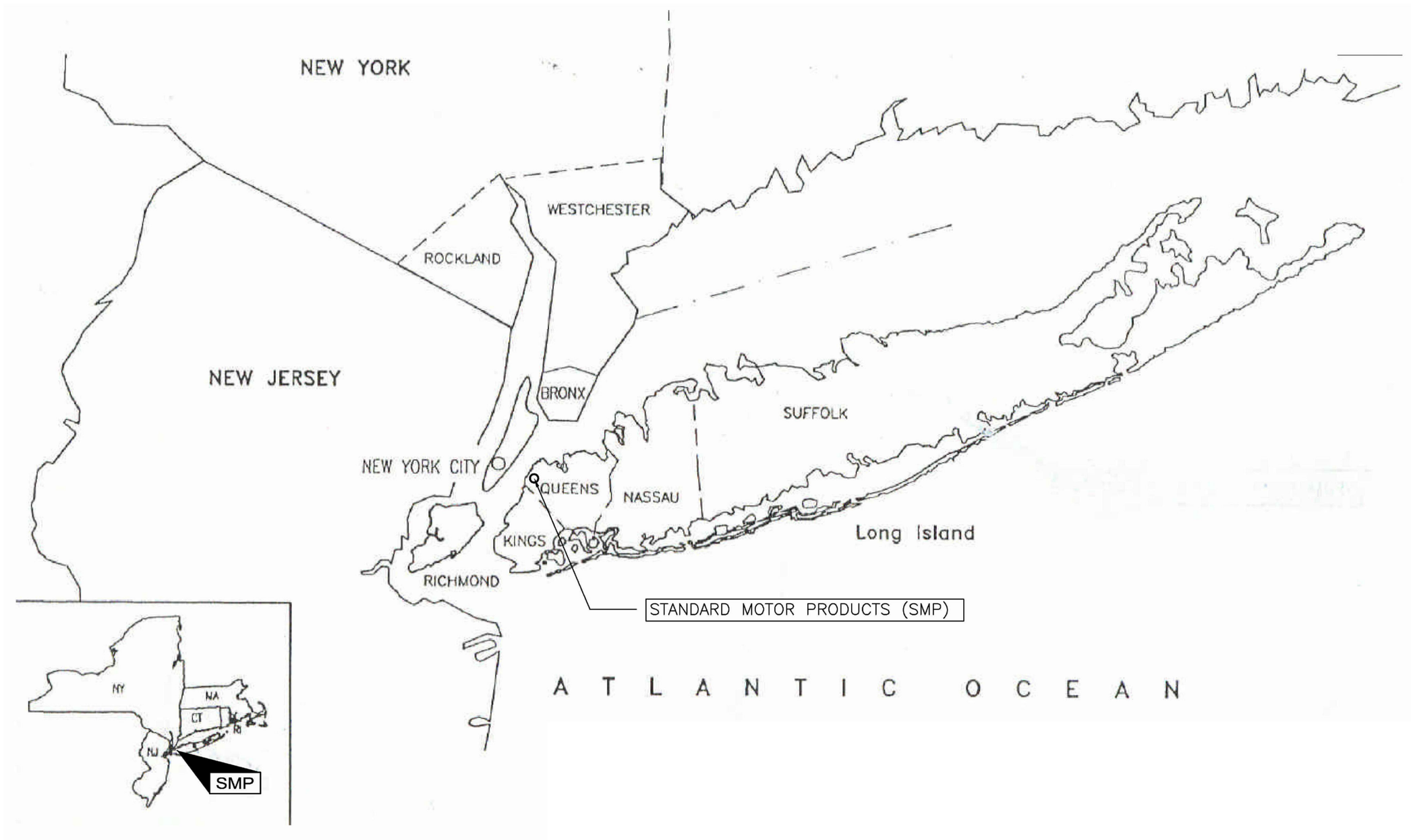
Table 6 - Groundwater Analytical Results
Standard Motor Products, Inc.
Long Island City, Queens, New York
NYSDEC BCP Site No. 241016

			Sample ID	FIELD BLANK			FIELD BLANK			FIELD BLANK			FIELD BLANK			FIELD BLANK		
			Lab Sample ID	L2408651-09			L2425158-09			L2425633-04			L2449146-08			L2464256-09		
			COC	2/15/2024			5/7/2024			5/8/2024			8/27/2024			11/4/2024		
			Matrix	WATER			WATER			WATER			WATER			WATER		
ANALYTE	CAS	NY-AWQS (ug/l)		Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY GC/MS																							
1,1,1,2-Tetrachloroethane	630-20-6	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,1,1-Trichloroethane	71-55-6	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,1,2,2-Tetrachloroethane	79-34-5	5		ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
1,1,2-Trichloroethane	79-00-5	1		ND		1.5	0.5	ND		1.5	0.5	ND		1.5	0.5	ND		1.5	0.5	ND		1.5	0.5
1,1-Dichloroethane	75-34-3	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,1-Dichloroethene	75-35-4	5		ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
1,1-Dichloropropene	563-58-6	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,3-Trichlorobenzene	87-61-6	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,3-Trichloropropane	96-18-4	0.04		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,4,5-Tetramethylbenzene	95-93-2	5		ND		2	0.54	ND		2	0.54	ND		2	0.54	ND		2	0.54	ND		2	0.54
1,2,4-Trichlorobenzene	120-82-1	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,4-Trimethylbenzene	95-63-6	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2-Dibromo-3-chloropropane	96-12-8	0.04		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2-Dibromoethane	106-93-4	0.00006		ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		2	0.65
1,2-Dichlorobenzene	95-50-1	3		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2-Dichloroethane	107-06-2	0.6		ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13
1,2-Dichloroethene, Total	540-59-0			ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2-Dichloropropane	78-87-5	1		ND		1	0.14	ND		1	0.14	ND		1	0.14	ND		1	0.14	ND		1	0.14
1,3,5-Trimethylbenzene	108-67-8	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichlorobenzene	541-73-1	3		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichloropropane	142-28-9	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichloropropene, Total	542-75-6			ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14
1,4-Dichlorobenzene	106-46-7	3		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,4-Dioxane	123-91-1	0.35		ND		250	61	ND		250	61	ND		250	61	ND		250	61	ND		250	61
2,2-Dichloropropane	594-20-7	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
2-Butanone	78-93-3	50		ND		5	1.9	ND		5	1.9	ND		5	1.9	ND		5	1.9	ND		5	1.9
2-Hexanone	591-78-6	50		ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1
4-Methyl-2-pentanone	108-10-1			ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1
Acetone	67-64-1	50		ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5
Acrylonitrile	107-13-1	5		ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5
Benzene	71-43-2	1		ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
Bromobenzene	108-86-1	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Bromochloromethane	74-97-5	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Bromodichloromethane	75-27-4	50		ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19
Bromoform	75-25-2	50		ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		2	0.65
Bromomethane	74-83-9	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Carbon disulfide	75-15-0	60		ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1
Carbon tetrachloride	56-23-5	5		ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13
Chlorobenzene	108-90-7	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Chloroethane	75-00-3	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Chloroform	67-66-3	7		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Chloromethane	74-87-3			ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
cis-1,2-Dichloroethene	156-59-2	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
cis-1,3-Dichloropropene	10061-01-5	0.4		ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14
Dibromochloromethane	124-48-1	50		ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15
Dibromomethane	74-95-3	5		ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1
Dichlorodifluoromethane	75-71-8	5		ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1
Ethyl ether	60-29-7			ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Ethylbenzene	100-41-4	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Hexachlorobutadiene	87-68-3	0.5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Isopropylbenzene	98-82-8	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Methyl tert butyl ether	1634-04-4	10		ND		2.5	0.7	ND		2.5	0.17	ND		2.5	0.17	ND		2.5	0.17	ND		2.5	0.17
Methylene chloride	75-09-2	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
n-Butylbenzene	104-51-8	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
n-Propylbenzene	103-65-1	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Naphthalene	91-20-3	10		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
o-Chlorotoluene	95-49-8	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
o-Xylene	95-47-6	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
p-Chlorotoluene	106-43-4	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
p-Diethylbenzene	105-05-5			ND		2	0.7	ND		2	0.7	ND		2	0.7	ND		2	0.7	ND		2	0.7
p-Ethyltoluene	622-96-8			ND		2	0.7	ND		2	0.7	ND		2	0.7	ND		2	0.7	ND		2	0.7
p-Isopropyltoluene	99-87-6	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
p/m-Xylene	179601-23-1	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
sec-Butylbenzene	135-98-8	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Styrene	100-42-5	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
tert-Butylbenzene	98-06-6	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Tetrachloroethene	127-18-4	5		ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18
Toluene	108-88-3	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
trans-1,2-Dichloroethene	156-60-5	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
trans-1,3-Dichloropropene	10061-02-6	0.4		ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
trans-1,4-Dichloro-2-butene	110-57-6	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Trichloroethene	79-01-6	5		ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18
Trichlorofluoromethane	75-69-4	5		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Vinyl acetate	108-05-4			ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1
Vinyl chloride	75-01-4	2		ND		1	0.07	ND		1	0.07	ND		1	0.07	ND		1	0.07	ND		1	0.07
Xylenes, Total	1330-20-7			ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Total VOCs				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4 DIOXANE BY 8270E-SIM																							
1,4-Dioxane	123-91-1	0.35		ND		0.144	0.0326	ND		0.147	0.0332	ND		0.139	0.0314	ND		0.15	0.0339	ND		0.156	0.0353
DISSOLVED METALS																							
Arsenic, Dissolved	7440-38-2	25		ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
Iron, Dissolved	7439-89-6	300		35.4	J	50	19.1	ND		50	19.1	ND		50	19.1	ND		50	19.1	20.3	J	50	19.1
Manganese, Dissolved	7439-96-5	300		ND		1	0.44	ND		1	0.44	ND		1	0.44	ND		1	0.44	ND		1	0.44
TOTAL METALS																							
Arsenic, Total	7440-38-2	25		ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		1	0.16
Iron, Total	7439-89-6	300		ND		50	19.1	ND		50	19.1	ND		50	19.1	ND		50	19.1	ND		50	19.1
Manganese, Total	7439-96-5	300		ND		1	0.44	ND		1	0.44	ND		1	0.44	ND		1	0.44	ND		1	0.44
ANIONS BY ION CHROMATOGRAPHY																							
Chloride	16887-00-6	250000		ND		1000	890	ND		1000	890	ND		1000	890	ND		1000	890	243	J	500	83
Nitrogen, Nitrate	14797-55-8	10000		ND		100	22	40	J	100	22	66	J	100	22	-		-	-	35	J	50	12
Sulfate	14808-79-8	250000		ND		10000	1400	1500	J	10000	1400	2000	J	10000	1400	1800	J	10000	1400	ND		1000	454
GENERAL CHEMISTRY																							
Sulfide	18496-25-8	50		-		-	-	-		-	-	-		-	-	-		-	-	ND		100	100
Total Organic Carbon	7440-44-0			280	J	500	90	140	J	500	100	210	J	500	100	280	J	500	90	ND		500	90
DISSOLVED GASES BY GC																							
Methane	74-82-8			ND		2	2	-		-	-	-		-	-	-		-	-	-		-	-
Ethene	74-85-1			ND		0.5	0.5	-		-	-	-		-	-	-		-	-	-		-	-
Ethane	74-84-0			ND		0.5	0.5	-		-	-	-		-	-	-		-	-	-		-	-
PERFLUORINATED ALKYL ACIDS BY EPA 1633																							
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	763051-92-9			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00625	0.000438
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00625	0.0012
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	757124-72-4			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00625	0.000891
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00625	0.0047
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	914637-49-3			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.0391	0.00416
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	812-70-4			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.0391	0.00311
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	356-02-5			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00781	0.000523
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	919005-14-4			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00625	0.000367
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	756426-58-1			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00625	0.00043
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	13252-13-6			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00625	0.00156
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	4151-50-2			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00156	0.000344
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	1691-99-2			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.0156	0.00108
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00156	0.000469
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	31506-32-8			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00156	0.000219
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	24448-09-7			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.0156	0.00127
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00156	0.000469
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	151772-58-6			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00312	0.000531
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	113507-82-7			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00312	0.00032
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	377-73-1			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00312	0.000242
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	863090-89-5			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00312	0.000352
Perfluorobutanesulfonic Acid (PFBS)	375-73-5			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00156	0.000391
Perfluorobutanoic Acid (PFBA)	375-22-4			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00625	0.000516
Perfluorododecanesulfonic Acid (PFDS)	335-77-3			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00156	0.000133
Perfluorododecanoic Acid (PFDA)	335-76-2			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00156	0.000203
Perfluorododecanesulfonic Acid (PFDoS)	79780-39-5			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00156	0.000234
Perfluorododecanoic Acid (PFDoA)	307-55-1			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00156	0.000211
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00156	0.000195
Perfluoroheptanoic Acid (PFHpA)	375-85-9			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00156	0.000234
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00156	0.000133
Perfluorohexanoic Acid (PFHxA)	307-24-4			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00156	0.000242
Perfluorononanesulfonic Acid (PFNS)	68259-12-1			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00156	0.000195
Perfluorononanoic Acid (PFNA)	375-95-1			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00156	0.000258
Perfluorooctanesulfonamide (PFOSA)	754-91-6			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00156	0.000094
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.0027		-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00156	0.000258
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0067		-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00156	0.000258
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00156	0.000203
Perfluoropentanoic Acid (PFPeA)	2706-90-3			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00312	0.000352
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00156	0.000156
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00156	0.00018
Perfluoroundecanoic Acid (PFUnA)	2058-94-8			-		-	-	-		-	-	-		-	-	-		-	-	ND		0.00156	0.000172

* Comparison is not performed on parameters with non-numeric criteria.

Criteria per Standards & Guidance Values including all addenda through February 2023.

FIGURES



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Project
STANDARD MOTOR PRODUCTS, INC.
LONG ISLAND CITY
QUEENS NEW YORK

Figure Title
REGIONAL SITE LOCATION MAP

Project No.	170861201
Date	12/10/2024
Scale	NOT TO SCALE
Drawn By	GS
Figure No.	1

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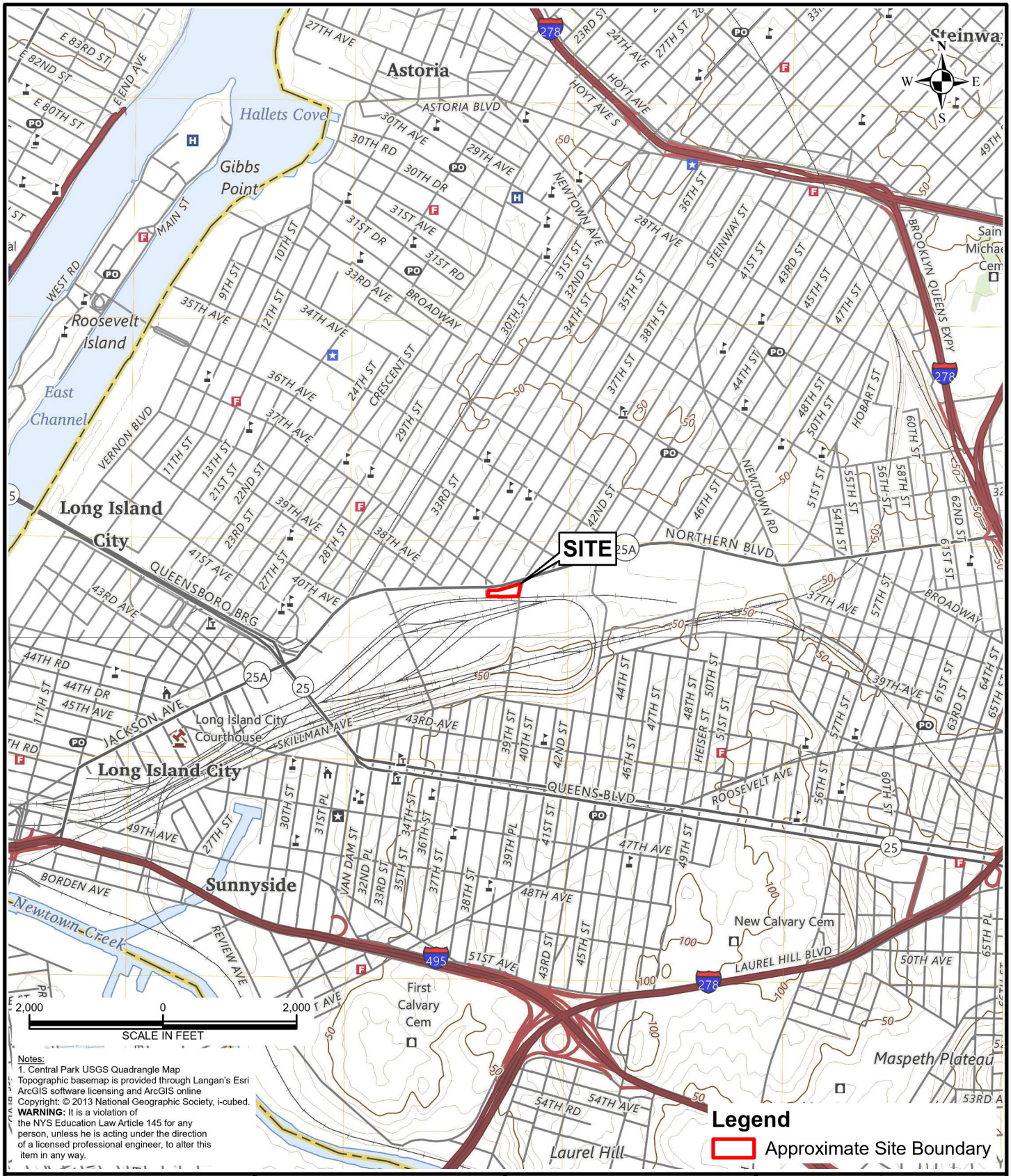

Notes:
1. Central Park USGS Quadrangle Map
Topographic basemap is provided through Langan's Esri ArcGIS software licensing and ArcGIS online
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Project
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LONG ISLAND CITY
QUEENS NEW YORK

Figure Title
SITE LOCATION MAP

Project No.	Figure
170861201	2
Date: 12/10/2024	
Scale: 1" = 2,000 feet	
Drawn By: GS	

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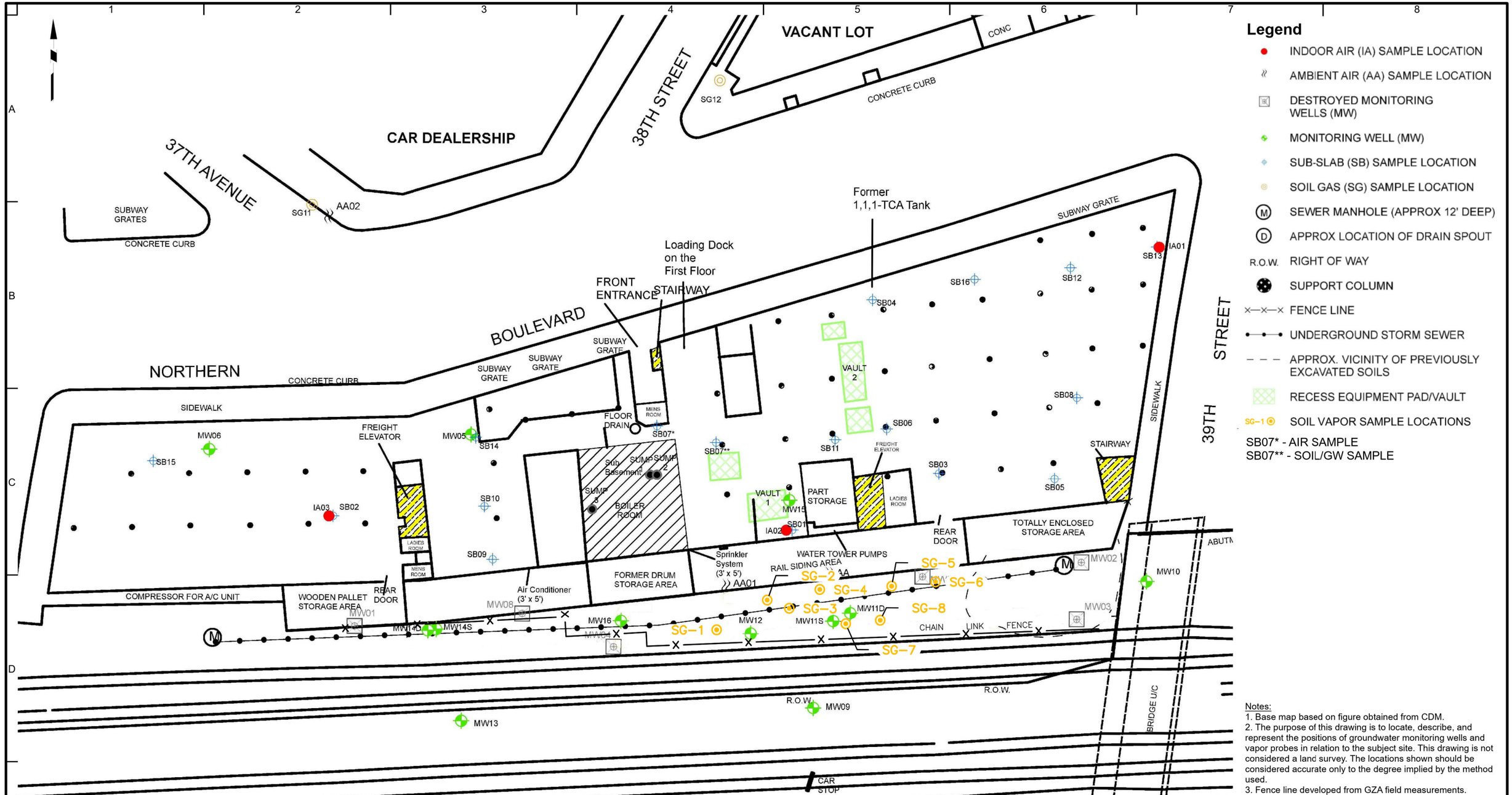

Legend

- INDOOR AIR (IA) SAMPLE LOCATION
- AMBIENT AIR (AA) SAMPLE LOCATION
- DESTROYED MONITORING WELLS (MW)
- MONITORING WELL (MW)
- SUB-SLAB (SB) SAMPLE LOCATION
- SOIL GAS (SG) SAMPLE LOCATION
- (M) SEWER MANHOLE (APPROX 12' DEEP)
- (D) APPROX LOCATION OF DRAIN SPOUT
- R.O.W. RIGHT OF WAY
- SUPPORT COLUMN
- FENCE LINE
- UNDERGROUND STORM SEWER
- APPROX. VICINITY OF PREVIOUSLY EXCAVATED SOILS
- RECESS EQUIPMENT PAD/VAULT
- SG-1 SOIL VAPOR SAMPLE LOCATIONS

SB07* - AIR SAMPLE
SB07** - SOIL/GW SAMPLE

Notes:
1. Base map based on figure obtained from CDM.
2. The purpose of this drawing is to locate, describe, and represent the positions of groundwater monitoring wells and vapor probes in relation to the subject site. This drawing is not considered a land survey. The locations shown should be considered accurate only to the degree implied by the method used.
3. Fence line developed from GZA field measurements.

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40 0 40
SCALE IN FEET

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Project
STANDARD MOTOR PRODUCTS, INC.
LONG ISLAND CITY
QUEENS NEW YORK

Figure Title
SITE LAYOUT

Project No.	Figure No.
170861201	3
Date: 12/10/2024	
Scale: 1"=40'	
Drawn By: GS	

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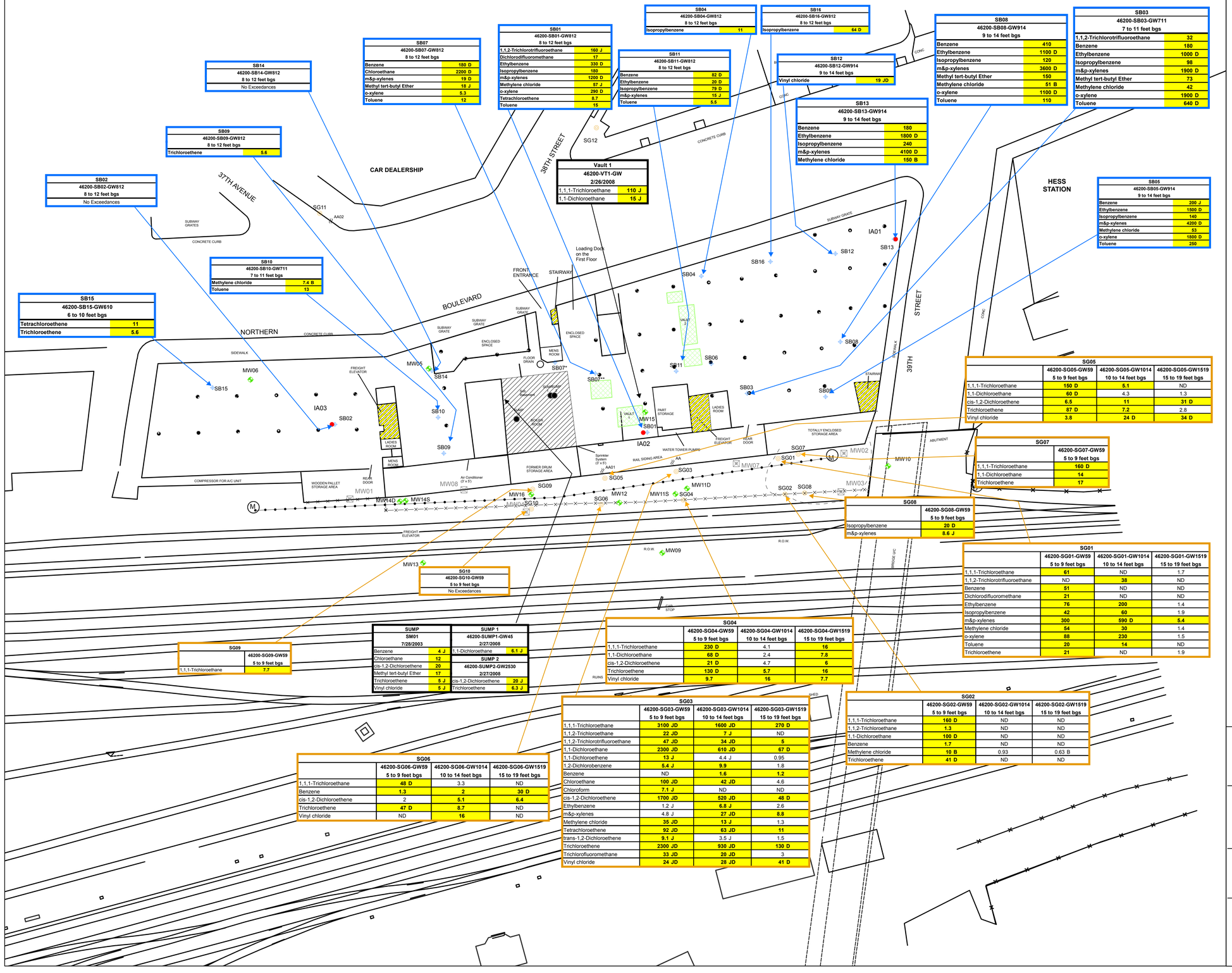
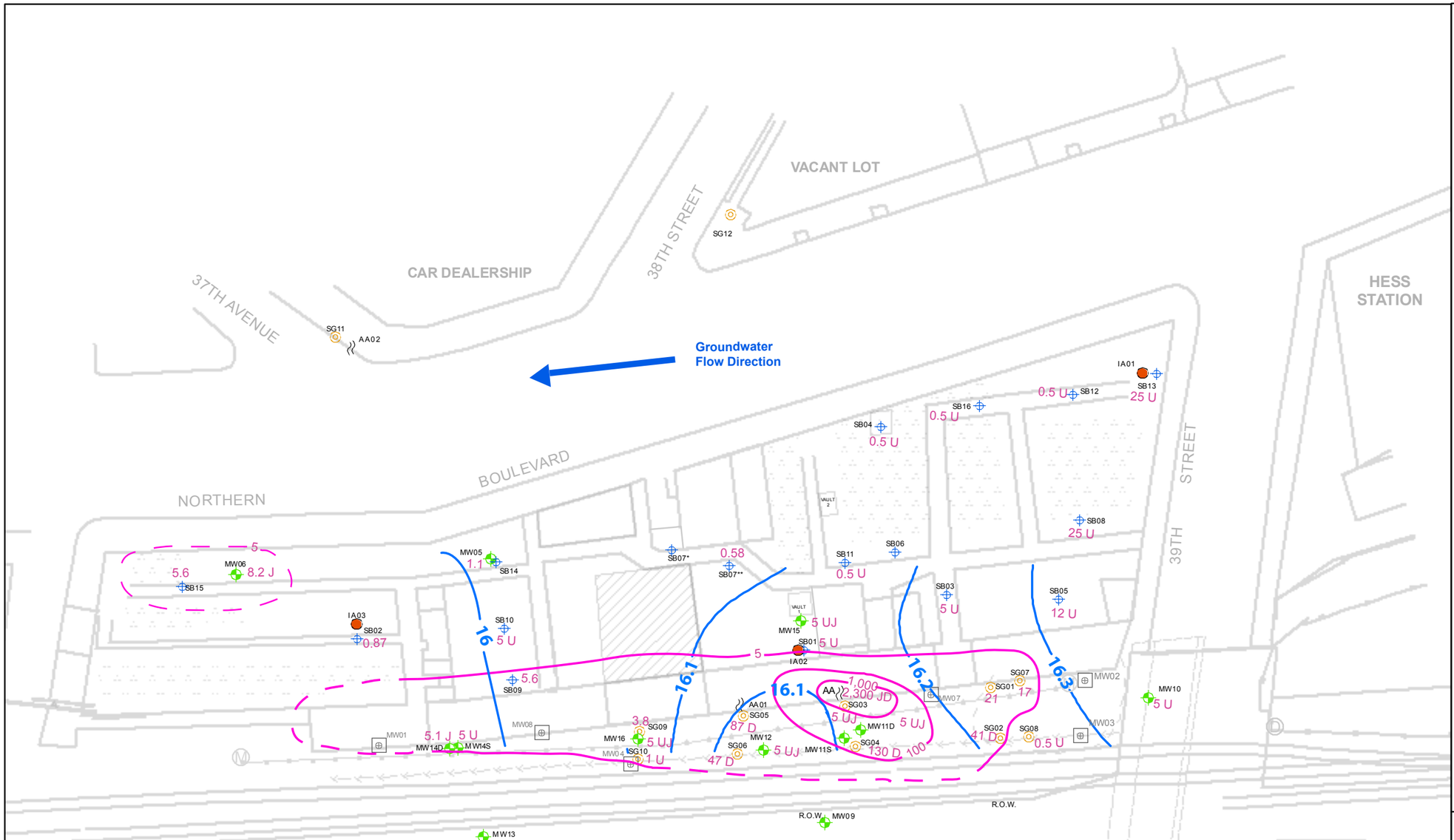
Path: \\langan.com\data\NYC\data2\170861201\Project Data\ArcGIS\APRX\170861201\170861201.aprx Date: 12/10/2024 User: Gsajbel Time: 1:07 PM


SB14
46200-SB14-GW812
8 to 12 feet bgs
No Exceedances
SB07
46200-SB07-GW812
8 to 12 feet bgs
Benzene 180 D
Chloroethane 2200 D
m&p-xylenes 19 D
Methyl tert-butyl Ether 18 J
o-xylene 5.3
Toluene 12
SB01
46200-SB01-GW812
8 to 12 feet bgs
1,1,2-Trichlorotrifluoroethane 160 J
Dichlorodifluoromethane 17
Ethylbenzene 330 D
Isopropylbenzene 180
m&p-xylenes 1200 D
Methylene chloride 57 J
o-xylene 290 D
Tetrachloroethene 8.7
Toluene 15
SB04
46200-SB04-GW812
8 to 12 feet bgs
Isopropylbenzene 11
SB16
46200-SB16-GW812
8 to 12 feet bgs
Isopropylbenzene 64 D
SB08
46200-SB08-GW914
9 to 14 feet bgs
Benzene 410
Ethylbenzene 1100 D
Isopropylbenzene 120
m&p-xylenes 3600 D
Methyl tert-butyl Ether 150
Methylene chloride 51 B
o-xylene 1100 D
Toluene 110
SB03
46200-SB03-GW711
7 to 11 feet bgs
1,1,2-Trichlorotrifluoroethane 32
Benzene 180
Ethylbenzene 1000 D
Isopropylbenzene 98
m&p-xylenes 1900 D
Methyl tert-butyl Ether 73
Methylene chloride 42
o-xylene 1900 D
Toluene 640 D
SB11
46200-SB11-GW812
8 to 12 feet bgs
Benzene 82 D
Ethylbenzene 20 D
Isopropylbenzene 79 D
m&p-xylenes 15 J
Toluene 5.5
SB12
46200-SB12-GW914
9 to 14 feet bgs
Vinyl chloride 19 JD
SB13
46200-SB13-GW914
9 to 14 feet bgs
Benzene 180
Ethylbenzene 1800 D
Isopropylbenzene 240
m&p-xylenes 4100 D
Methylene chloride 150 B
SB09
46200-SB09-GW812
8 to 12 feet bgs
Trichloroethene 5.6
SB02
46200-SB02-GW812
8 to 12 feet bgs
No Exceedances
SB10
46200-SB10-GW711
7 to 11 feet bgs
Methylene chloride 7.4 B
Toluene 13
SB15
46200-SB15-GW610
6 to 10 feet bgs
Tetrachloroethene 11
Trichloroethene 5.6
Vault 1
46200-VT1-GW
2/26/2008
1,1,1-Trichloroethane 110 J
1,1-Dichloroethane 15 J
SB05
46200-SB05-GW914
9 to 14 feet bgs
Benzene 200 J
Ethylbenzene 1500 D
Isopropylbenzene 140
m&p-xylenes 4200 D
Methylene chloride 53
o-xylene 1800 D
Toluene 250
SG05
46200-SG05-GW59 5 to 9 feet bgs
46200-SG05-GW1014 10 to 14 feet bgs
46200-SG05-GW1519 15 to 19 feet bgs
1,1,1-Trichloroethane 150 D 5.1 ND
1,1-Dichloroethane 60 D 4.3 1.3
cis-1,2-Dichloroethene 6.5 11 31 D
Trichloroethene 87 D 7.2 2.8
Vinyl chloride 3.8 24 D 34 D
SG07
46200-SG07-GW59 5 to 9 feet bgs
1,1,1-Trichloroethane 160 D
1,1-Dichloroethane 14
Trichloroethene 17
SG08
46200-SG08-GW59 5 to 9 feet bgs
Isopropylbenzene 20 D
m&p-xylenes 8.6 J
SG01
46200-SG01-GW59 5 to 9 feet bgs
46200-SG01-GW1014 10 to 14 feet bgs
46200-SG01-GW1519 15 to 19 feet bgs
1,1,1-Trichloroethane 61 ND 1.7
1,1,2-Trichlorotrifluoroethane ND 38 ND
Benzene 51 ND ND
Dichlorodifluoromethane 21 ND ND
Ethylbenzene 76 200 1.4
Isopropylbenzene 42 60 1.9
m&p-xylenes 300 590 D 5.4
Methylene chloride 54 30 1.4
o-xylene 88 230 1.5
Toluene 20 14 ND
Trichloroethene 21 ND 1.9
SG10
46200-SG10-GW59 5 to 9 feet bgs
No Exceedances
SG09
46200-SG09-GW59 5 to 9 feet bgs
1,1,1-Trichloroethane 7.7
SUMP
SM01
7/28/2003
Benzene 4 J
Chloroethane 12
cis-1,2-Dichloroethene 20
Methyl tert-butyl Ether 17
Trichloroethene 5 J
Vinyl chloride 5 J
SUMP 1
46200-SUMP1-GW45
2/27/2008
1,1-Dichloroethane 6.1 J
SUMP 2
46200-SUMP2-GW2530
2/27/2008
cis-1,2-Dichloroethene 20 J
Trichloroethene 6.3 J
SG04
46200-SG04-GW59 5 to 9 feet bgs
46200-SG04-GW1014 10 to 14 feet bgs
46200-SG04-GW1519 15 to 19 feet bgs
1,1,1-Trichloroethane 230 D 4.1 16
1,1-Dichloroethane 68 D 2.4 7.8
cis-1,2-Dichloroethene 21 D 4.7 6
Trichloroethene 130 D 5.7 16
Vinyl chloride 9.7 16 7.7
SG03
46200-SG03-GW59 5 to 9 feet bgs
46200-SG03-GW1014 10 to 14 feet bgs
46200-SG03-GW1519 15 to 19 feet bgs
1,1,1-Trichloroethane 3100 JD 1600 JD 270 D
1,1,2-Trichloroethane 22 JD 7 J ND
1,1,2-Trichlorotrifluoroethane 47 JD 34 JD 5
1,1-Dichloroethane 2300 JD 610 JD 67 D
1,1-Dichloroethene 13 J 4.4 J 0.95
1,2-Dichlorobenzene 5.4 J 9.9 1.8
Benzene ND 1.6 1.2
Chloroethane 100 JD 42 JD 4.6
Chloroform 7.1 J ND ND
cis-1,2-Dichloroethene 1700 JD 520 JD 48 D
Ethylbenzene 1.2 J 6.8 J 2.6
m&p-xylenes 4.8 J 27 JD 8.8
Methylene chloride 35 JD 13 J 1.3
Tetrachloroethene 92 JD 63 JD 11
trans-1,2-Dichloroethene 9.1 J 3.5 J 1.5
Trichloroethene 2300 JD 930 JD 130 D
Trichlorofluoromethane 33 JD 20 JD 3
Vinyl chloride 24 JD 28 JD 41 D
SG02
46200-SG02-GW59 5 to 9 feet bgs
46200-SG02-GW1014 10 to 14 feet bgs
46200-SG02-GW1519 15 to 19 feet bgs
1,1,1-Trichloroethane 160 D ND ND
1,1,2-Trichloroethane 1.3 ND ND
1,1-Dichloroethane 100 D ND ND
Benzene 1.7 ND ND
Methylene chloride 10 B 0.93 0.63 B
Trichloroethene 41 D ND ND
SG06
46200-SG06-GW59 5 to 9 feet bgs
46200-SG06-GW1014 10 to 14 feet bgs
46200-SG06-GW1519 15 to 19 feet bgs
1,1,1-Trichloroethane 48 D 3.3 ND
Benzene 1.3 2 30 D
cis-1,2-Dichloroethene 2 5.1 6.4
Trichloroethene 47 D 8.7 ND
Vinyl chloride ND 16 ND
CAR DEALERSHIP
HESS STATION
37TH AVENUE
38TH STREET
39TH STREET
BOULEVARD
NORTHERN
SUBWAY GRATES
CONCRETE CURB
SIDEWALK
FRONT ENTRANCE
STAIRWAY
Loading Dock on the First Floor
ENCLOSED SPACE
MENS ROOM
FLOOR DRAIN
SUMP
BOILER ROOM
FREIGHT ELEVATOR
LADIES ROOM
PART STORAGE
VAULT 1
WATER TOWER PUMPS
REAR DOOR
TOTALLY ENCLOSED STORAGE AREA
ABUTMENT
RAIL SIDING AREA
Sprinkler System (5" x 5")
Air Conditioner (3' x 5')
FORMER DRUM STORAGE AREA
WOODEN PALLET STORAGE AREA
COMPRESSOR FOR A/C UNIT
RUINS
SHED
RAMP
CONC
R.O.W.
GAS STOP
BRIDGE (4C)
MW01
MW02
MW03
MW04
MW05
MW06
MW07
MW08
MW09
MW10
MW11D
MW11S
MW12
MW13
MW14D
MW14S
MW15
MW16
IA01
IA02
IA03
AA01
AA02
SG01
SG02
SG03
SG04
SG05
SG06
SG07
SG08
SG09
SG10
SG11
SG12
SB01
SB02
SB03
SB04
SB05
SB06
SB07*
SB07**
SB08
SB09
SB10
SB11
SB12
SB13
SB14
SB15
SB16
INDOOR AIR (IA) LOCATION
AMBIENT AIR (AA) LOCATION
DESTROYED MONITORING WELL (MW)
MONITORING WELL (MW)
SUB-SLAB (SB) LOCATION
SOIL GAS (SG) LOCATION
SEWER MANHOLE (APPROX 12' DEEP)
APPROX LOCATION OF DRAIN SPOUT
SUPPORT COLUMN
R.O.W. RIGHT OF WAY
FENCE LINE
UNDERGROUND STORM SEWER
RECESS EQUIPMENT PAD/VAULT
APPROX. VICINITY OF PREVIOUSLY EXCAVATED SOIL
NOTES:
SB07* - AIR SAMPLE
SB07** - SOIL/GW SAMPLE
Site Specific Groundwater Delineation Criteria
1,1,1-Trichloroethane 5
1,1,2-Trichloroethane 1
1,1,2-Trichlorotrifluoroethane 5
1,1-Dichloroethane 5
1,1-Dichloroethene 5
1,2-Dichlorobenzene 3
1,2-Dichloropropane 1
Benzene 1
Bromochloromethane 5
Chloroethane 5
Chloroform 7
cis-1,2-Dichloroethene 5
Dichlorodifluoromethane 5
Ethylbenzene 5
Isopropylbenzene 5
m&p-xylenes 5
Methyl tert-butyl Ether 10
Methylene chloride 5
o-xylene 5
Tetrachloroethene 5
Toluene 5
trans-1,2-Dichloroethene 5
Trichloroethene 5
Trichlorofluoromethane 5
Vinyl chloride 2
RESULTS ARE IN µg/L.
BOLD EXCEED SITE SPECIFIC CRITERIA
DRAFTED BY: BK
CHECKED BY: DP
REVIEWED BY: JVB
PHASE IV
DIRECT PUSH GROUNDWATER VOC EXCEEDANCES
SITE MANAGEMENT PLAN
STANDARD MOTOR PRODUCTS, INC. SITE
LONG ISLAND CITY, NEW YORK
CDM Smith
NORTH
SCALE IN FEET
0 50
DATE 7/2011
FIGURE 4



INDOOR AIR (IA) SAMPLE LOCATION

AMBIENT AIR (AA) SAMPLE LOCATION

DESTROYED MONITORING WELLS (MW)

MONITORING WELL (MW)

SUB-SLAB (SB) SAMPLE LOCATION

SOIL GAS (SG) SAMPLE LOCATION

(M) SEWER MANHOLE (APPROX 12' DEEP)

(D) APPROX LOCATION OF DRAIN SPOUT

R.O.W. RIGHT OF WAY

FENCE LINE

UNDERGROUND STORM SEWER

BUILDING - PROCESS EQUIPMENT

APPROX. VICINITY OF PREVIOUSLY EXCAVATED SOILS

16.3 POTENTIOMETRIC CONTOUR, FEET AMSL

TCE ISOCONCENTRATION CONTOUR (MICROGRAMS/LITER) (MAXIMUM TOTAL TCE CONCENTRATION AT EACH LOCATION WERE USED TO CREATE CONTOURS)

2,300 JD TCE, MICROGRAMS/LITER

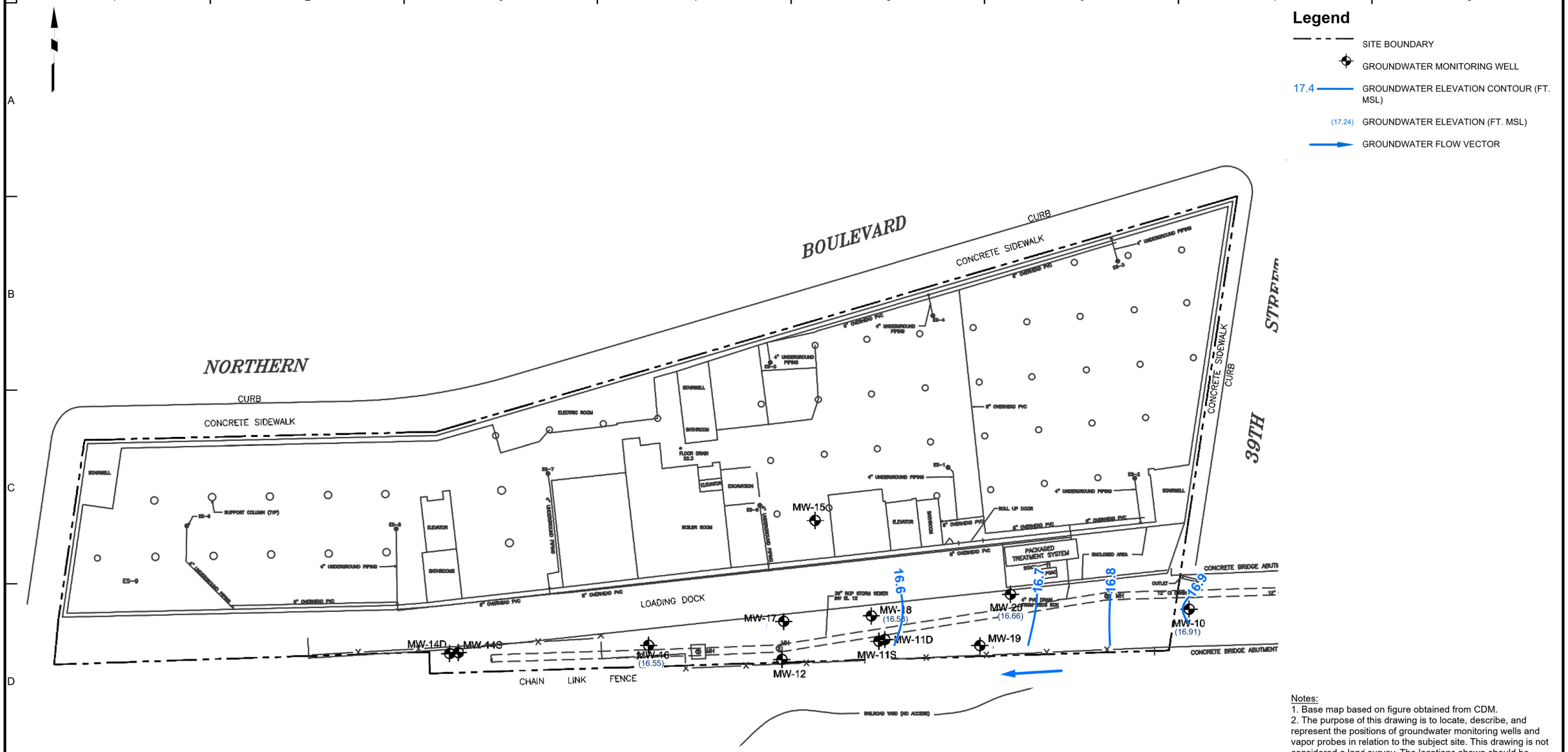
D DILUTED SAMPLE

U NOT DETECTED, VALUE REPORTED IS THE DETECTION LIMIT

J ESTIMATED CONCENTRATION

NOTES:
SB07* - AIR SAMPLE
SB07** - SOIL/GW SAMPLE

DRAFTED BY: BK	**PHASE IV TCE GROUNDWATER ISOCONCENTRATION CONTOUR MAP**
CHECKED BY: JD	**PERIODIC REVIEW REPORT STANDARD MOTOR PRODUCTS, INC. SITE LONG ISLAND CITY, NEW YORK**
REVIEWED BY: MW	CDM Smith
NORTH	Feet 50
	DATE 7-2011
	FIGURE 5



Notes:
1. Base map based on figure obtained from CDM.
2. The purpose of this drawing is to locate, describe, and represent the positions of groundwater monitoring wells and vapor probes in relation to the subject site. This drawing is not considered a land survey. The locations shown should be considered accurate only to the degree implied by the method used.
3. Ground level for each well was obtained from Figure 1-6 and Figure 1-7 in CDM 2011 October final (100%) design report.
4. Fence line developed from GZA field measurements.

WARNING: It is a violation of the NYS Education Law Article 145 for any person, unless acting under the direction of a licensed professional engineer, land surveyor or geologist, to alter this item in any way.

40 0 40
SCALE IN FEET

LANGAN
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T: 212.479.5400 F: 212.479.5444 www.langan.com

Project
STANDARD MOTOR PRODUCTS, INC.
LONG ISLAND CITY
QUEENS NEW YORK

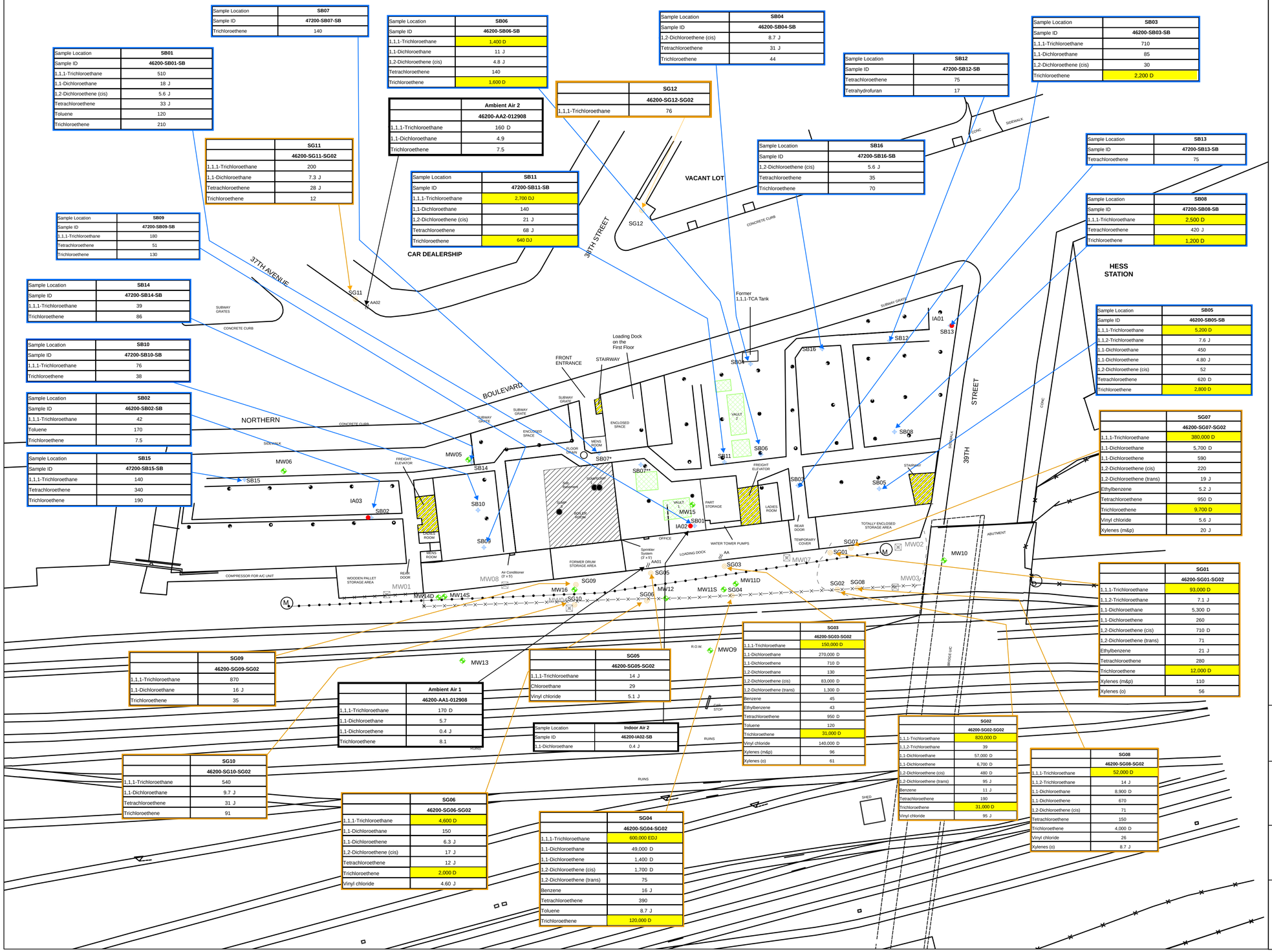
Figure Title
GROUNDWATER CONTOUR MAP NOVEMBER 2024

Project No. 170861201
Date 7/3/2025
Scale 1"=40'
Drawn By GS

Figure No. 6

© 2025 Langan

Path: \\langan.com\data\NYC\data2\170861201\Project Data\ArcGIS\APRX\170861201\170861201.aprx Date: 7/3/2025 User: Gsajbel Time: 12:25 PM



Sample Location	SB07
Sample ID	47200-SB07-SB
Trichloroethene	140

Sample Location	SB01
Sample ID	46200-SB01-SB
1,1,1-Trichloroethane	510
1,1-Dichloroethane	18 J
1,2-Dichloroethene (cis)	5.6 J
Tetrachloroethene	33 J
Toluene	120
Trichloroethene	210

Sample Location	SB06
Sample ID	46200-SB06-SB
1,1,1-Trichloroethane	1,400 D
1,1-Dichloroethane	11 J
1,2-Dichloroethene (cis)	4.8 J
Tetrachloroethene	140
Trichloroethene	1,600 D

	Ambient Air 2
	46200-AA2-012908
1,1,1-Trichloroethane	160 D
1,1-Dichloroethane	4.9
Trichloroethene	7.5

	SG11
	46200-SG11-SG02
1,1,1-Trichloroethane	200
1,1-Dichloroethane	7.3 J
Tetrachloroethene	28 J
Trichloroethene	12

Sample Location	SB11
Sample ID	47200-SB11-SB
1,1,1-Trichloroethane	2,700 DJ
1,1-Dichloroethane	140
1,2-Dichloroethene (cis)	21 J
Tetrachloroethene	68 J
Trichloroethene	640 DJ

	SG12
	46200-SG12-SG02
1,1,1-Trichloroethane	76

Sample Location	SB04
Sample ID	46200-SB04-SB
1,2-Dichloroethene (cis)	8.7 J
Tetrachloroethene	31 J
Trichloroethene	44

Sample Location	SB12
Sample ID	47200-SB12-SB
Tetrachloroethene	75
Tetrahydrofuran	17

Sample Location	SB03
Sample ID	46200-SB03-SB
1,1,1-Trichloroethane	710
1,1-Dichloroethane	85
1,2-Dichloroethene (cis)	30
Trichloroethene	2,200 D

Sample Location	SB16
Sample ID	47200-SB16-SB
1,2-Dichloroethene (cis)	5.6 J
Tetrachloroethene	35
Trichloroethene	70

Sample Location	SB13
Sample ID	47200-SB13-SB
Tetrachloroethene	75

Sample Location	SB09
Sample ID	47200-SB09-SB
1,1,1-Trichloroethane	180
Tetrachloroethene	51
Trichloroethene	130

Sample Location	SB08
Sample ID	47200-SB08-SB
1,1,1-Trichloroethane	2,500 D
Tetrachloroethene	420 J
Trichloroethene	1,200 D

Sample Location	SB14
Sample ID	47200-SB14-SB
1,1,1-Trichloroethane	39
Trichloroethene	86

Sample Location	SB05
Sample ID	46200-SB05-SB
1,1,1-Trichloroethane	5,200 D
1,1,2-Trichloroethane	7.6 J
1,1-Dichloroethane	450
1,1-Dichloroethene	4.80 J
1,2-Dichloroethene (cis)	52
Tetrachloroethene	620 D
Trichloroethene	2,800 D

Sample Location	SB10
Sample ID	47200-SB10-SB
1,1,1-Trichloroethane	76
Trichloroethene	38

Sample Location	SB02
Sample ID	46200-SB02-SB
1,1,1-Trichloroethane	42
Toluene	170
Trichloroethene	7.5

	SG07
	46200-SG07-SG02
1,1,1-Trichloroethane	380,000 D
1,1-Dichloroethane	5,700 D
1,1-Dichloroethene	590
1,2-Dichloroethene (cis)	220
1,2-Dichloroethene (trans)	19 J
Ethylbenzene	5.2 J
Tetrachloroethene	950 D
Trichloroethene	9,700 D
Vinyl chloride	5.6 J
Xylenes (m&p)	20 J

Sample Location	SB15
Sample ID	47200-SB15-SB
1,1,1-Trichloroethane	140
Tetrachloroethene	340
Trichloroethene	190

	SG01
	46200-SG01-SG02
1,1,1-Trichloroethane	93,000 D
1,1,2-Trichloroethane	7.1 J
1,1-Dichloroethane	5,300 D
1,1-Dichloroethene	260
1,2-Dichloroethene (cis)	710 D
1,2-Dichloroethene (trans)	71
Ethylbenzene	21 J
Tetrachloroethene	280
Trichloroethene	12,000 D
Xylenes (m&p)	110
Xylenes (o)	56

	SG09
	46200-SG09-SG02
1,1,1-Trichloroethane	870
1,1-Dichloroethene	16 J
Trichloroethene	35

	Ambient Air 1
	46200-AA1-012908
1,1,1-Trichloroethane	170 D
1,1-Dichloroethane	5.7
1,1-Dichloroethene	0.4 J
Trichloroethene	8.1

	SG05
	46200-SG05-SG02
1,1,1-Trichloroethane	14 J
Chloroethane	29
Vinyl chloride	5.1 J

	SG03
	46200-SG03-SG02
1,1,1-Trichloroethane	150,000 D
1,1-Dichloroethane	270,000 D
1,1-Dichloroethene	710 D
1,2-Dichloroethane	130
1,2-Dichloroethene (cis)	83,000 D
1,2-Dichloroethene (trans)	1,300 D
Benzene	45
Ethylbenzene	43
Tetrachloroethene	950 D
Toluene	120
Trichloroethene	31,000 D
Vinyl chloride	140,000 D
Xylenes (m&p)	96
Xylenes (o)	61

Sample Location	Indoor Air 2
Sample ID	46200-IA02-SB
1,1-Dichloroethane	0.4 J

	SG02
	46200-SG02-SG02
1,1,1-Trichloroethane	820,000 D
1,1,2-Trichloroethane	39
1,1-Dichloroethane	57,000 D
1,1-Dichloroethene	6,700 D
1,2-Dichloroethene (cis)	480 D
1,2-Dichloroethene (trans)	95 J
Benzene	11 J
Tetrachloroethene	190
Trichloroethene	31,000 D
Vinyl chloride	95 J

	SG10
	46200-SG10-SG02
1,1,1-Trichloroethane	540
1,1-Dichloroethane	9.7 J
Tetrachloroethene	31 J
Trichloroethene	91

	SG06
	46200-SG06-SG02
1,1,1-Trichloroethane	4,600 D
1,1-Dichloroethane	150
1,1-Dichloroethene	6.3 J
1,2-Dichloroethene (cis)	17 J
Tetrachloroethene	12 J
Trichloroethene	2,000 D
Vinyl chloride	4.60 J

	SG04
	46200-SG04-SG02
1,1,1-Trichloroethane	600,000 EDJ
1,1-Dichloroethane	49,000 D
1,1-Dichloroethene	1,400 D
1,2-Dichloroethene (cis)	1,700 D
1,2-Dichloroethene (trans)	75
Benzene	16 J
Tetrachloroethene	390
Toluene	8.7 J
Trichloroethene	120,000 D

	SG08
	46200-SG08-SG02
1,1,1-Trichloroethane	52,000 D
1,1,2-Trichloroethane	14 J
1,1-Dichloroethane	8,900 D
1,1-Dichloroethene	670
1,2-Dichloroethene (cis)	71
Tetrachloroethene	150
Trichloroethene	4,000 D
Vinyl chloride	26
Xylenes (o)	8.7 J

- INDOOR AIR (IA) SAMPLE LOCATION
- AMBIENT AIR (AA) SAMPLE LOCATION
- DESTROYED MONITORING WELLS (MW)
- MONITORING WELL (MW)
- SUB-SLAB (SB) SAMPLE LOCATION
- SOIL GAS (SG) SAMPLE LOCATION
- SEWER MANHOLE (APPROX 12' DEEP)
- APPROX LOCATION OF DRAIN SPOUT
- R.O.W. RIGHT OF WAY
- SUPPORT COLUMN
- FENCE LINE
- UNDERGROUND STORM SEWER
- APPROX. VICINITY OF PREVIOUSLY EXCAVATED SOIL
- RECESS EQUIPMENT PAD/VAULT
- RECOMMEND MITIGATION

NOTES:
SB07* - AIR SAMPLE
SB07** - SOIL/GW SAMPLE

ALL RESULTS IN µg/m3

DRAFTED BY: BK

CHECKED BY: CJ

REVIEWED BY: MW

PHASE IV
SOIL GAS, SUB-SLAB, AND INDOOR AIR VOC DETECTIONS

SITE MANAGEMENT PLAN
STANDARD MOTOR PRODUCTS, INC. SITE
LONG ISLAND CITY, NEW YORK

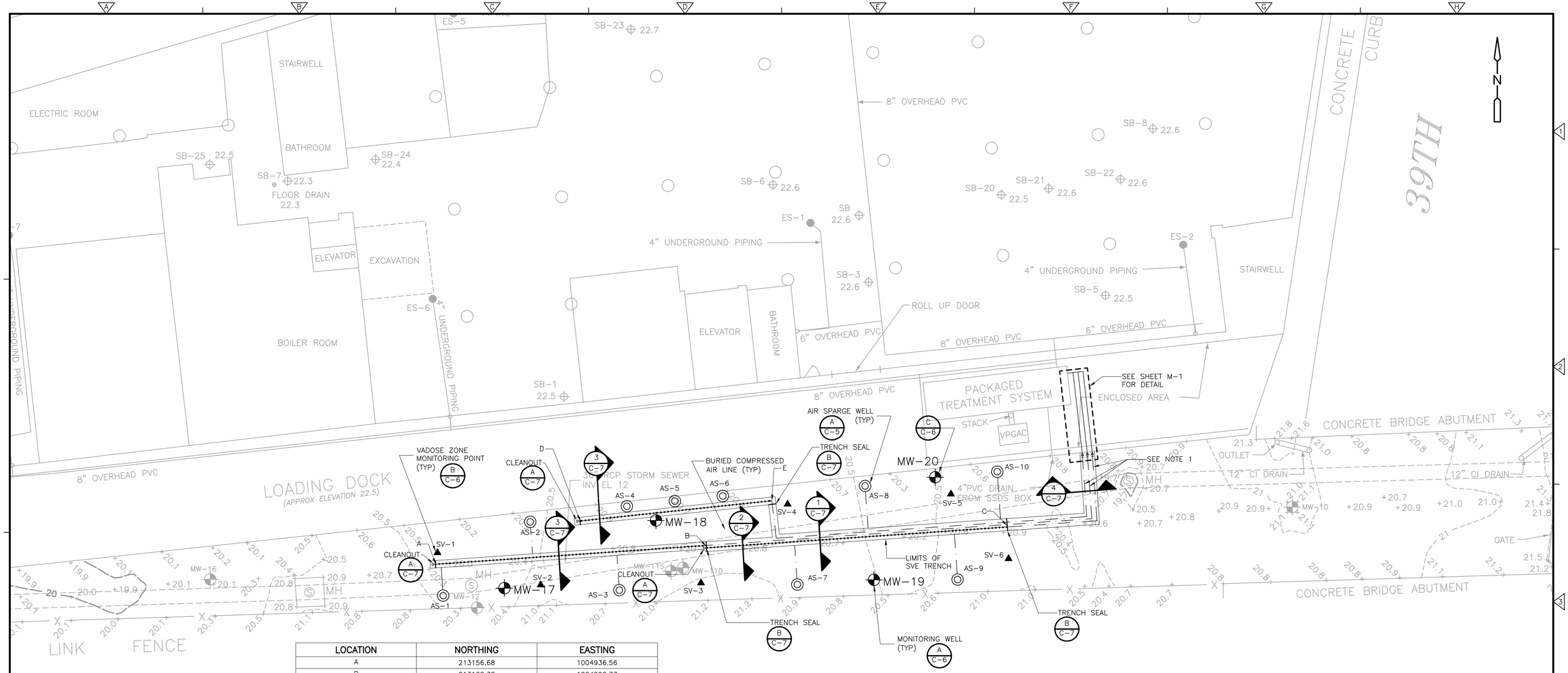
CDM Smith

NORTH

SCALE IN FEET
0 50

DATE 7/2011

FIGURE 7



LOCATION	NORTHING	EASTING
A	213156.68	1004936.56
B	213160.32	1004992.73
C	213164.65	1005055.06
D	213165.64	1004966.50
E	213169.85	1005006.29
MW-17	213151.73	1004950.84
MW-18	213164.73	1004986.20
MW-19	213153.45	1005027.45
MW-20	213174.72	1005040.15
AS-1	213150.17	1004938.13
AS-2	213165.46	1004956.19
AS-3	213151.32	1004974.65
AS-4	213168.69	1004976.22
AS-5	213169.76	1004986.16
AS-6	213170.83	1004996.10
AS-7	213152.48	1005011.56
AS-8	213172.91	1005025.61
AS-9	213153.52	1005044.78
AS-10	213175.85	1005053.01
SV-1	213159.07	1004936.96
SV-2	213152.41	1004958.35
SV-3	213152.79	1004991.58
SV-4	213169.14	1005009.55
SV-5	213158.62	1005049.50
SV-6	213171.22	1005043.41

SUMMARY OF WORK:

1. CONTRACTOR SHALL INSTALL 10 AIR SPARGE (AS) WELLS AND ASSOCIATED BURIED COMPRESSED AIR HOSES.
2. CONTRACTOR SHALL INSTALL 4 NEW MONITORING WELLS. ONE OF THE NEW MONITORING WELLS SHALL CONTAIN A CONDUCTIVITY PROBE THAT ACTS AS A HIGH GROUNDWATER LEVEL SWITCH WHICH SHUTS DOWN THE AS SYSTEM.
3. CONTRACTOR SHALL INSTALL 6 VADOSE ZONE PRESSURE/VACUUM MONITORING POINTS. AT THE DIRECTION OF THE ENGINEER, ADDITIONAL MONITORING POINTS SHALL BE INSTALLED DURING STARTUP TESTING.
4. CONTRACTOR SHALL CONSTRUCT A TRENCH CONTAINING TWO HORIZONTAL SVE WELLS. THE TWO SVE WELLS SHALL BE CONNECTED TO THE EXISTING VACUUM MANIFOLD IN THE PACKAGED TREATMENT SYSTEM.
5. CONTRACTOR SHALL INSTALL A CLEANOUT AT THE END OF EACH HORIZONTAL SVE WELL.
6. CONTRACTOR SHALL INSTALL AN AIR SPARGE SYSTEM INSIDE THE EXISTING PACKAGED TREATMENT SYSTEM. THE SYSTEM SHALL INCLUDE AN AIR COMPRESSOR, RECEIVING TANK (IF APPLICABLE), PARTICULATE FILTER, AND MANIFOLD. THE SYSTEM SHALL BE PROVIDED WITH INSTRUMENTATION AND CONTROLS TO ALLOW AUTOMATED, PULSED OPERATION OF THE AIR SPARGE WELLS.
7. FINISHED GRADE SHALL BE AS SHOWN ON THE DRAWINGS.
8. CONTRACTOR SHALL INSTALL A PERMEABLE CRUSHED STONE ACCESS ON THE EAST END OF THE PROPERTY AS SHOWN ON SHEET C-4.
9. CONTRACTOR SHALL INSTALL ASPHALT PAVING OVER THE AS/SVE TREATMENT AREA AS SHOWN ON THE DRAWINGS
10. CONTRACTOR SHALL AND INSTALL A CONCRETE CURB/RETAINING WALL ALONG THE FENCE AS SHOWN ON THE DRAWINGS.
11. CONTRACTOR SHALL INSTALL A SOLIDS RETENTION GRASS STRIP AND CRUSHED STONE INFILTRATION AREA ON THE WEST END OF THE PROPERTY AS SHOWN ON THE DRAWINGS.

LEGEND

- VADOSE ZONE PRESSURE/VACUUM MONITORING POINT
- AIR SPARGE WELL
- MONITORING WELL
- CLEANOUT
- HORIZONTAL SVE SCREEN
- UNDERGROUND PIPE/HOSE
- STORM SEWER

NOTES:

1. PROVIDE MINIMUM 1% SLOPE TOWARD SLOTTED PIPE SECTIONS.

1" = 10'

5 0 10

REV. NO.	DATE	DRWN	CHKD	REMARKS

DESIGNED BY: DP
DRAWN BY: EJL
SHEET CHK'D BY: JVB
CROSS CHK'D BY: MW
APPROVED BY: MM
DATE: DECEMBER 2010

Camp Dresser & McKee
100 Crossways Park West
Suite 415, Woodbury, NY 11797
Tel: (516) 496-8400
consulting • engineering • construction • operations

STANDARD MOTOR PRODUCTS, INC.

REMEDIAL DESIGN
AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM

SITE PLAN

PROJECT NO. 34433-46200
FILE NAME: CSTPL002

FIGURE
8

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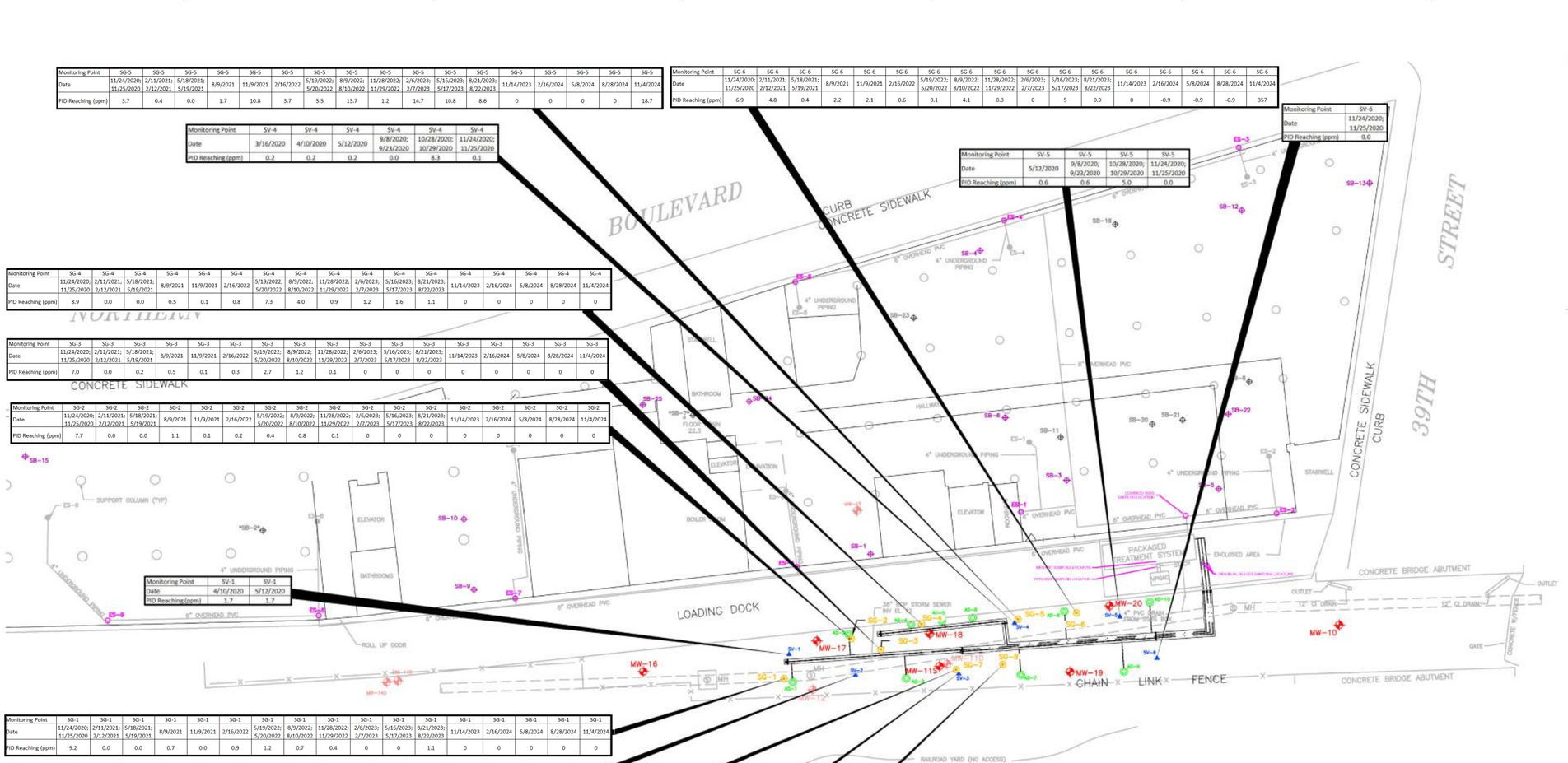

Monitoring Point	SG-5	SG-5	SG-5	SG-5	SG-5	SG-5	SG-5	SG-5	SG-5	SG-5	SG-5	SG-5	SG-5	SG-5	SG-5	SG-5	SG-5
Date	11/24/2020; 11/25/2020	2/11/2021; 2/12/2021	5/18/2021; 5/19/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022; 5/20/2022	8/9/2022; 8/10/2022	11/28/2022; 11/29/2022	2/6/2023; 2/7/2023	5/16/2023; 5/17/2023	8/21/2023; 8/22/2023	11/14/2023	2/16/2024	5/8/2024	8/28/2024	11/4/2024
PID Reaching (ppm)	3.7	0.4	0.0	1.7	10.8	3.7	5.5	13.7	1.2	14.7	10.8	8.6	0	0	0	0	18.7

Monitoring Point	SG-6	SG-6	SG-6	SG-6	SG-6	SG-6	SG-6	SG-6	SG-6	SG-6	SG-6	SG-6	SG-6	SG-6	SG-6	SG-6	SG-6
Date	11/24/2020; 11/25/2020	2/11/2021; 2/12/2021	5/18/2021; 5/19/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022; 5/20/2022	8/9/2022; 8/10/2022	11/28/2022; 11/29/2022	2/6/2023; 2/7/2023	5/16/2023; 5/17/2023	8/21/2023; 8/22/2023	11/14/2023	2/16/2024	5/8/2024	8/28/2024	11/4/2024
PID Reaching (ppm)	6.9	4.8	0.4	2.2	2.1	0.6	3.1	4.1	0.3	0	5	0.9	0	-0.9	-0.9	-0.9	357

Monitoring Point	SV-6
Date	11/24/2020; 11/25/2020
PID Reaching (ppm)	0.0

Monitoring Point	SV-4	SV-4	SV-4	SV-4	SV-4	SV-4
Date	3/16/2020	4/10/2020	5/12/2020	9/8/2020; 9/23/2020	10/28/2020; 10/29/2020	11/24/2020; 11/25/2020
PID Reaching (ppm)	0.2	0.2	0.2	0.0	8.3	0.1

Monitoring Point	SV-5	SV-5	SV-5	SV-5
Date	5/12/2020	9/8/2020; 9/23/2020	10/28/2020; 10/29/2020	11/24/2020; 11/25/2020
PID Reaching (ppm)	0.6	0.6	5.0	0.0

Monitoring Point	SG-4	SG-4	SG-4	SG-4	SG-4	SG-4	SG-4	SG-4	SG-4	SG-4	SG-4	SG-4	SG-4	SG-4	SG-4	SG-4	SG-4
Date	11/24/2020; 11/25/2020	2/11/2021; 2/12/2021	5/18/2021; 5/19/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022; 5/20/2022	8/9/2022; 8/10/2022	11/28/2022; 11/29/2022	2/6/2023; 2/7/2023	5/16/2023; 5/17/2023	8/21/2023; 8/22/2023	11/14/2023	2/16/2024	5/8/2024	8/28/2024	11/4/2024
PID Reaching (ppm)	8.9	0.0	0.0	0.5	0.1	0.8	7.3	4.0	0.9	1.2	1.6	1.1	0	0	0	0	0

Monitoring Point	SG-3	SG-3	SG-3	SG-3	SG-3	SG-3	SG-3	SG-3	SG-3	SG-3	SG-3	SG-3	SG-3	SG-3	SG-3	SG-3	SG-3
Date	11/24/2020; 11/25/2020	2/11/2021; 2/12/2021	5/18/2021; 5/19/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022; 5/20/2022	8/9/2022; 8/10/2022	11/28/2022; 11/29/2022	2/6/2023; 2/7/2023	5/16/2023; 5/17/2023	8/21/2023; 8/22/2023	11/14/2023	2/16/2024	5/8/2024	8/28/2024	11/4/2024
PID Reaching (ppm)	7.0	0.0	0.2	0.5	0.1	0.3	2.7	1.2	0.1	0	0	0	0	0	0	0	0

Monitoring Point	SG-2	SG-2	SG-2	SG-2	SG-2	SG-2	SG-2	SG-2	SG-2	SG-2	SG-2	SG-2	SG-2	SG-2	SG-2	SG-2	SG-2
Date	11/24/2020; 11/25/2020	2/11/2021; 2/12/2021	5/18/2021; 5/19/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022; 5/20/2022	8/9/2022; 8/10/2022	11/28/2022; 11/29/2022	2/6/2023; 2/7/2023	5/16/2023; 5/17/2023	8/21/2023; 8/22/2023	11/14/2023	2/16/2024	5/8/2024	8/28/2024	11/4/2024
PID Reaching (ppm)	7.7	0.0	0.0	1.1	0.1	0.2	0.4	0.8	0.1	0	0	0	0	0	0	0	0

Monitoring Point	SV-1	SV-1
Date	4/10/2020	5/12/2020
PID Reaching (ppm)	1.7	1.7

Monitoring Point	SG-1	SG-1	SG-1	SG-1	SG-1	SG-1	SG-1	SG-1	SG-1	SG-1	SG-1	SG-1	SG-1	SG-1	SG-1	SG-1	SG-1
Date	11/24/2020; 11/25/2020	2/11/2021; 2/12/2021	5/18/2021; 5/19/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022; 5/20/2022	8/9/2022; 8/10/2022	11/28/2022; 11/29/2022	2/6/2023; 2/7/2023	5/16/2023; 5/17/2023	8/21/2023; 8/22/2023	11/14/2023	2/16/2024	5/8/2024	8/28/2024	11/4/2024
PID Reaching (ppm)	9.2	0.0	0.0	0.7	0.0	0.9	1.2	0.7	0.4	0	0	1.1	0	0	0	0	0

Monitoring Point	SV-2	SV-2	SV-2	SV-2	SV-2	SV-2
Date	3/16/2020	4/10/2020	5/12/2020	9/8/2020; 9/23/2020	10/28/2020; 10/29/2020	11/24/2020; 11/25/2020
PID Reaching (ppm)	0.0	0.0	0.0	0.0	7.3	0.0

Monitoring Point	SG-7	SG-7	SG-7	SG-7	SG-7	SG-7	SG-7	SG-7	SG-7	SG-7	SG-7	SG-7	SG-7	SG-7	SG-7	SG-7	SG-7
Date	11/24/2020; 11/25/2020	2/11/2021; 2/12/2021	5/18/2021; 5/19/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022; 5/20/2022	8/9/2022; 8/10/2022	11/28/2022; 11/29/2022	2/6/2023; 2/7/2023	5/16/2023; 5/17/2023	8/21/2023; 8/22/2023	11/14/2023	2/16/2024	5/8/2024	8/28/2024	11/4/2024
PID Reaching (ppm)	6.4	2.4	0.0	0.8	0.1	0.3	0.9	0.0	0.4	0	0	0	0	0	0	0	0

Monitoring Point	SV-3	SV-3	SV-3
Date	5/12/2020	9/8/2020; 9/23/2020	10/28/2020; 10/29/2020
PID Reaching (ppm)	0.0	0.3	13.4

Monitoring Point	SG-8	SG-8	SG-8	SG-8	SG-8	SG-8	SG-8	SG-8	SG-8	SG-8	SG-8	SG-8	SG-8	SG-8	SG-8	SG-8	SG-8
Date	11/24/2020; 11/25/2020	2/11/2021; 2/12/2021	5/18/2021; 5/19/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022; 5/20/2022	8/9/2022; 8/10/2022	11/28/2022; 11/29/2022	2/6/2023; 2/7/2023	5/16/2023; 5/17/2023	8/21/2023; 8/22/2023	11/14/2023	2/16/2024	5/8/2024	8/28/2024	11/4/2024
PID Reaching (ppm)	7.1	1.0	0.0	5.1	1.1	0.6	4.7	5.2	0.4	0	6	31.3	0	0	0	0	3.3

Legend

- MW-10 — GROUNDWATER MONITORING WELL
- MW-12 — GROUNDWATER MONITORING WELL NOT FOUND
- ES-2 — EXTRACTION SUMP NOT IN USE
- ES-6 — EXTRACTION SUMP
- AS-1 — AIR SPARGE WELL
- SV-1 — VAPOR MONITORING POINT
- SB-22 — SUBSLAB MONITORING POINT
- SB-2 — SUBSLAB MONITORING POINT DAMAGED OR DESTROYED
- *SB-2* — SUBSLAB MONITORING POINT COULD NOT BE LOCATED BY GZA, BELIEVED TO BE DAMAGED
- SG-1 — SOIL VAPOR SAMPLE LOCATIONS

Notes:
1. Base map based on figure obtained from CDM.
2. The purpose of this drawing is to locate, describe, and represent the positions of groundwater monitoring wells and vapor probes in relation to the subject site. This drawing is not considered a land survey. The locations shown should be considered accurate only to the degree implied by the method used.
3. Fence line developed from GZA field measurements.

WARNING: It is a violation of the NYS Education Law Article 145 for any person, unless acting under the direction of a licensed professional engineer, land surveyor or geologist, to alter this item in any way.

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Project
STANDARD MOTOR PRODUCTS, INC.
LONG ISLAND CITY
QUEENS NEW YORK

Figure Title
SYSTEM PID READINGS

Project No. 170861201
Date 12/12/2024
Scale 1"=40'
Drawn By MM

Figure No. 9

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Monitoring Point	ES04	ES04	ES04	ES04	ES04	ES04	ES04	ES04	ES04	ES04	ES04	ES04	ES04	ES04
Sampling Date	3/18/2021	5/18/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022	8/9/2022	11/28/2022	2/6/2023	5/17/2023	8/22/2023	11/14/2023	2/16/2024	5/8/2024
Sampling Time	9:47	10:53	9:18	9:44	13:45	10:10	10:26	11:10	11:17	12:02	14:12	10:58	17:16	10:08
Vacuum Reading (in. WC)	8.80	8.80	9.00	8.60	8.50	9.20	9.40	9.60	7.00	7.20	7.20	7.20	9.20	9.40

Monitoring Point	SB04	SB04	SB04	SB04	SB04	SB04	SB04	SB04	SB04	SB04	SB04	SB04	SB04	SB04
Sampling Date	3/18/2021	5/18/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022	8/9/2022	11/28/2022	2/6/2023	5/17/2023	8/22/2023	8/22/2023	2/16/2024	5/8/2024
Sampling Time	9:49	10:54	9:19	9:43	13:45	10:12	10:26	11:10	12:12	12:01	14:10	11:00	17:15	10:06
Vacuum Reading (in. WC)	1.20	1.35	1.45	1.05	1.00	1.00	1.40	1.60	1.00	1.40	1.80	1.40	1.30	1.20

Monitoring Point	ES05	ES05	ES05	ES05	ES05	ES05	ES05	ES05	ES05	ES05	ES05	ES05	ES05	ES05
Sampling Date	2/11/2021	3/18/2021	5/18/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022	8/9/2022	11/28/2022	2/6/2023	5/17/2023	8/22/2023	11/14/2023	2/16/2024
Sampling Time	9:07	9:42	10:52	15:53	11:06	14:25	10:09	11:34	11:25	12:00	13:24	13:16	10:50	17:10
Vacuum Reading (in. WC)	8.60	8.50	8.20	8.40	8.20	8.20	9.00	9.00	9.00	7.00	7.60	7.00	7.20	8.80

Monitoring Point	SB24	SB24	SB24	SB24
Sampling Date	2/16/2024	5/8/2024	8/28/2024	11/5/2024
Sampling Time	17:24	10:10	12:53	10:31
Vacuum Reading (in. WC)	0.40	0.44	0.28	0.6

Monitoring Point	SB25	SB25	SB25	SB25	SB25	SB25	SB25	SB25	SB25	SB25	SB25	SB25	SB25	SB25
Sampling Date	2/11/2021	3/18/2021	5/18/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022	8/9/2022	11/28/2022	2/6/2023	5/17/2023	8/22/2023	11/14/2023	2/16/2024
Sampling Time	8:32	9:40	10:08	9:12	9:40	13:35	10:00	10:13	10:55	11:29	11:55	13:37	10:47	17:28
Vacuum Reading (in. WC)	0.02	0.005	0.006	0.01	0.005	0.005	0.01	0.02	0.02	0.01	0.02	0.4	0.01	0.02

Monitoring Point	SB10	SB10	SB10	SB10	SB10	SB10	SB10	SB10	SB10	SB10	SB10	SB10	SB10	SB10
Sampling Date	2/11/2021	3/18/2021	5/18/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022	8/9/2022	11/28/2022	2/6/2023	5/17/2023	8/22/2023	11/14/2023	2/16/2024
Sampling Time	8:20	10:19	8:00	15:39	9:27	14:40	9:55	11:26	10:45	11:48	13:37	13:59	11:44	16:24
Vacuum Reading (in. WC)	0.04	0.04	0.087	0.087	0.07	0.025	0.09	0.16	0.01	0.02	0.2	0.1	0.07	0.06

Monitoring Point	SB02	SB02	SB02
Sampling Date	2/16/2024	5/8/2024	8/28/2024
Sampling Time	17:35	10:20	12:32
Vacuum Reading (in. WC)	0.10	0.16	0.06

Monitoring Point	SB03	SB03	SB03	SB03	SB03	SB03	SB03	SB03	SB03	SB03	SB03	SB03	SB03	SB03
Sampling Date	2/11/2021	3/18/2021	5/18/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022	8/9/2022	11/28/2022	2/6/2023	5/17/2023	8/22/2023	11/14/2023	2/16/2024
Sampling Time	10:21	10:03	10:25	9:34	10:06	13:55	10:20	10:35	11:20	12:05	12:15	12:48	11:17	17:00
Vacuum Reading (in. WC)	0.02	0.005	0.04	0.05	0.05	0.035	0.05	0.10	0.10	0.00	0.00	0.10	0.10	0.40

Monitoring Point	ES03	ES03	ES03	ES03	ES03	ES03	ES03	ES03	ES03	ES03	ES03	ES03	ES03	ES03
Sampling Date	2/11/2021	3/18/2021	5/18/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022	8/9/2022	11/28/2022	2/6/2023	5/17/2023	8/22/2023	11/14/2023	2/16/2024
Sampling Time	9:10	9:55	10:15	9:21	9:50	14:05	10:42	10:48	11:35	11:21	13:59	12:53	11:28	16:37
Vacuum Reading (in. WC)	8.30	8.20	8.20	8.40	8.00	7.90	8.60	8.70	9.00	6.80	7.00	7.00	7.20	8.60

Monitoring Point	SB12	SB12	SB12	SB12	SB12	SB12	SB12	SB12	SB12	SB12	SB12	SB12	SB12	SB12
Sampling Date	2/11/2021	3/18/2021	5/18/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022	8/9/2022	11/28/2022	2/6/2023	2/16/2024	5/8/2024	8/28/2024	11/5/2024
Sampling Time	9:17	9:56	10:14	9:24	9:49	14:05	10:45	10:46	11:35	11:22	16:41	09:49	13:02	12:01
Vacuum Reading (in. WC)	0.80	0.84	0.85	0.62	0.76	0.75	0.85	0.48	0.45	0.40	1.60	1.60	0.70	1.7

Monitoring Point	SB13	SB13	SB13	SB13	SB13	SB13	SB13	SB13	SB13	SB13	SB13	SB13	SB13	SB13
Sampling Date	2/11/2021	3/18/2021	5/18/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022	8/9/2022	11/28/2022	2/6/2023	2/16/2024	5/8/2024	8/28/2024	11/5/2024
Sampling Time	9:18	9:58	10:18	9:22	9:53	14:05	10:50	10:52	11:40	11:21	16:39	09:58	13:06	12:06
Vacuum Reading (in. WC)	0.01	0.16	0.05	0.02	0.02	0.04	0.02	0.04	0.02	0.02	0.60	0.72	0.76	0

Monitoring Point	SB22	SB22	SB22	SB22	SB22	SB22	SB22	SB22	SB22	SB22	SB22	SB22
Sampling Date	2/11/2021	3/18/2021	5/18/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022	2/6/2023	2/16/2024	5/8/2024	8/28/2024	11/5/2024
Sampling Time	8:36	9:52	10:12	9:28	11:03	14:20	10:40	11:26	16:45	09:47	12:46	12:00
Vacuum Reading (in. WC)	0.26	0.29	0.35	0.35	0.30	0.30	0.40	0.40	0.30	0.38	0.30	0.00

Monitoring Point	SB05	SB05	SB05	SB05	SB05	SB05	SB05	SB05	SB05	SB05	SB05	SB05	SB05	SB05
Sampling Date	2/11/2021	3/18/2021	5/18/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022	11/28/2022	5/17/2023	8/22/2023	11/14/2023	2/16/2024	5/8/2024	8/28/2024
Sampling Time	10:19	10:00	10:22	9:31	9:59	13:50	10:14	11:50	12:14	12:50	11:19	16:50	09:40	13:41
Vacuum Reading (in. WC)	0.04	0.12	0.11	0.09	0.16	0.18	0.10	0.22	0.25	0.24	0.22	0.25	0.24	0.10

Monitoring Point	ES02	ES02	ES02	ES02	ES02	ES02	ES02	ES02	ES02	ES02	ES02	ES02
Sampling Date	2/11/2021	3/18/2021	5/18/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022	2/6/2023	5/17/2023	5/8/2024	8/28/2024	11/5/2024
Sampling Time	8:37	9:53	10:10	9:27	11:04	14:20	10:35	8:37	13:02	10:01	13:37	12:04
Vacuum Reading (in. WC)	10.00	9.80	9.60	10.00	9.40	9.60	10.60	10.00	7.20	10.40	10.60	8.40

Monitoring Point	SB06	SB06	SB06	SB06	SB06	SB06	SB06	SB06	SB06	SB06	SB06	SB06
Sampling Date	2/11/2021	3/18/2021	5/18/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022	2/16/2024	5/8/2024	8/28/2024	11/5/2024	
Sampling Time	10:23	10:05	10:29	9:36	10:08	13:55	10:25	17:04	09:27	13:17	11:46	
Vacuum Reading (in. WC)	0.96	0.90	0.55	0.95	0.55	0.45	0.85	1.25	1.25	1.40	1.30	

Monitoring Point	ES01	ES01	ES01	ES01	ES01	ES01	ES01	ES01	ES01	ES01	ES01	ES01	ES01	ES01
Sampling Date	3/18/2021	5/18/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022	8/9/2022	11/28/2022	2/6/2023	5/17/2023	8/22/2023	11/14/2023	2/16/2024	5/8/2024
Sampling Time	10:01	10:26	9:35	10:09	13:35	10:15	10:40	11:20	11:19	12:12	12:47	11:15	16:59	09:30
Vacuum Reading (in. WC)	10.20	10.20	10.50	10.00	10.20	10.80	11.00	10.80	7.40	7.90	7.90	7.80	7.50	7.70

Monitoring Point	SB01	SB01	SB01	SB01	SB01	SB01	SB01	SB01	SB01	SB01	SB01	SB01	SB01	SB01
Sampling Date	2/11/2021	3/18/2021	5/18/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022	8/9/2022	11/28/2022	2/6/2023	5/19/2022	8/9/2022	11/28/2022	5/17/2023
Sampling Time	9:05	9:45	10:50	15:51	11:00	14:30	10:07	10:21	11:05	11:44	10:07	10:21	11:05	13:29
Vacuum Reading (in. WC)	0.09	0.10	0.08	0.10	0.195	0.25	0.60	0.30	0.30	0.2	0.60	0.30	0.30	0.20

Monitoring Point	ES06	ES06	ES06	ES06	ES06	ES06	ES06	ES06	ES06	ES06	ES06	ES06	ES06	ES06
Sampling Date	2/11/2021	3/18/2021	5/18/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022	5/17/2023	8/22/2023	11/14/2023	2/16/2024	11/5/2024		
Sampling Time	9:00	9:43	10:48	15:47	10:56	13:42	10:05	13:33	11:24	11:55	17:20	11:35		
Vacuum Reading (in. WC)	8.40	8.30	8.30	8.10	7.90	8.00	8.40	7.40	7.80	7.60	8.70	8.00		

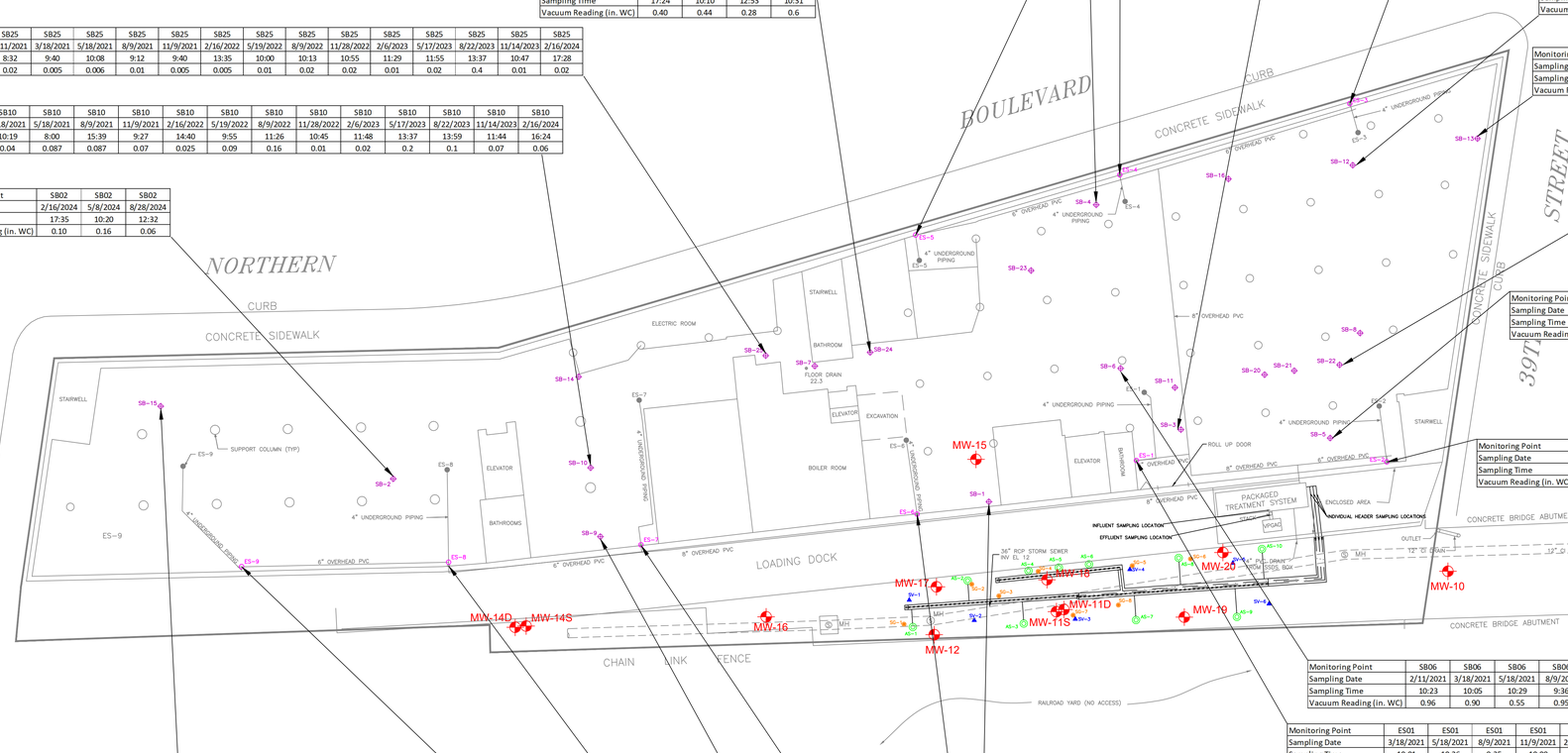
Monitoring Point	ES07	ES07	ES07	ES07	ES07	ES07	ES07	ES07	ES07	ES07	ES07	ES07	ES07	ES07
Sampling Date	2/11/2021	3/18/2021	5/18/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022	8/9/2022	11/28/2022	2/6/2023	5/17/2023	8/22/2023	11/14/2023	2/16/2024
Sampling Time	8:22	10:22	8:02	15:40	9:35	14:45	9:45	11:16	10:50	11:51	13:42	14:18	10:43	16:27
Vacuum Reading (in. WC)	8.40	8.00	8.20	8.00	8.00	7.80	8.20	8.40	8.60	7.90	7.20	7.60	7.40	8.20

Monitoring Point	SB09	SB09	SB09	SB09	SB09	SB09	SB09	SB09	SB09	SB09	SB09	SB09
Sampling Date	8/9/2021	2/16/2022	5/19/2022	8/9/2022	11/28/2022	2/6/2023	5/17/2023	11/14/2023	2/16/2024	5/8/2024	8/28/2024	11/5/2024
Sampling Time	15:44	14:40	9:50	11:24	10:45	11:54	13:47	11:48	16:31	10:32	14:10	11:06
Vacuum Reading (in. WC)	0.04	0.00	0.02	0.01	0.01	0.03	0.00	0.00	0.02	0.02	0.06	0.00

Monitoring Point	ES08	ES08	ES08	ES08	ES08	ES08	ES08	ES08	ES08	ES08	ES08	ES08	ES08	ES08
Sampling Date	2/11/2021	3/18/2021	5/18/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022	8/9/2022	11/28/2022	2/6/2023	5/17/2023	8/22/2023	11/14/2023	5/8/2024
Sampling Time	8:17	9:36	10:05	9:08	9:22	13:25	9:35	10:04	10:30	11:09	11:41	12:29	10:42	09:15
Vacuum Reading (in. WC)	8.40	8.50	8.00	8.20	8.00	8.00	8.60	8.60	8.80	6.40	7.20	7.20	7.10	9.00

Monitoring Point	SB15	SB15	SB15	SB15	SB15	SB15	SB15	SB15	SB15	SB15	SB15	SB15	SB15	SB15
Sampling Date	8/9/2021	11/9/2021	2/16/2022	5/19/2022	8/9/2022	11/28/2022	2/6/2023	5/17/2023	8/22/2023	2/16/2024	5/8/2024	8/28/2024	11/5/2024	
Sampling Time	15:32	11:09	13:30	9:40	11:10	10:40	12:15	13:51	13:01	17:30	09:21	12:42	10:34	
Vacuum Reading (in. WC)	0.05	0.005	0.12	0.15	0.16	0.16	0.10	0.00	0.00	0.50	0.55	0.16	0.80	

Monitoring Point	ES09	ES09	ES09	ES09	ES09	ES09	ES09	ES09	ES09	ES09	ES09	ES09	ES09	ES09
Sampling Date	2/11/2021	3/18/2021	5/18/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022	8/9/2022	11/28/2022	2/6/2023	5/17/2023	8/22/2023	11/14/2023	5/8/2024
Sampling Time	8:18	9:38	10:06	9:09	9:23	13:26	9:37	10:06	10:35	11:10	11:42	12:30	10:44	09:18
Vacuum Reading (in. WC)	11.00	10.80	10.80	11.00	10.60	10.60	11.00	11.40	11.20	6.80	7.00	7.20	7.10	11.40



LEGEND:

- MW-17 — GROUNDWATER MONITORING WELL
- ES-1 — EXTRACTION SUMP
- SB-5 — SUBSLAB MONITORING POINT
- SV-6 — VAPOR MONITORING POINT
- AS-10 — AIR SPARGE WELL
- SG-1 — SOIL VAPOR SAMPLE LOCATION

NOTES:

1. BASE MAP IS BASED ON FIGURE OBTAINED FROM CDM
2. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF GROUNDWATER MONITORING WELLS AND VAPOR PROBES IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIES BY THE METHOD USED.
3. FENCE LINE DEVELOPED FROM GZA FIELD MEASUREMENTS.

15 0 3.75 7.5 15
SCALE: 1 INCH = 15 FEET

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LONG ISLAND CITY
QUEENS NEW YORK

Figure Title: SUB-SLAB DEPRESSURIZATION MONITORING VACUUM READINGS

Project No. 170861201
Date 10/02/2025
Drawn By MM
Checked By BP
Figure 10

LANGAN
PROJECT NO. ########

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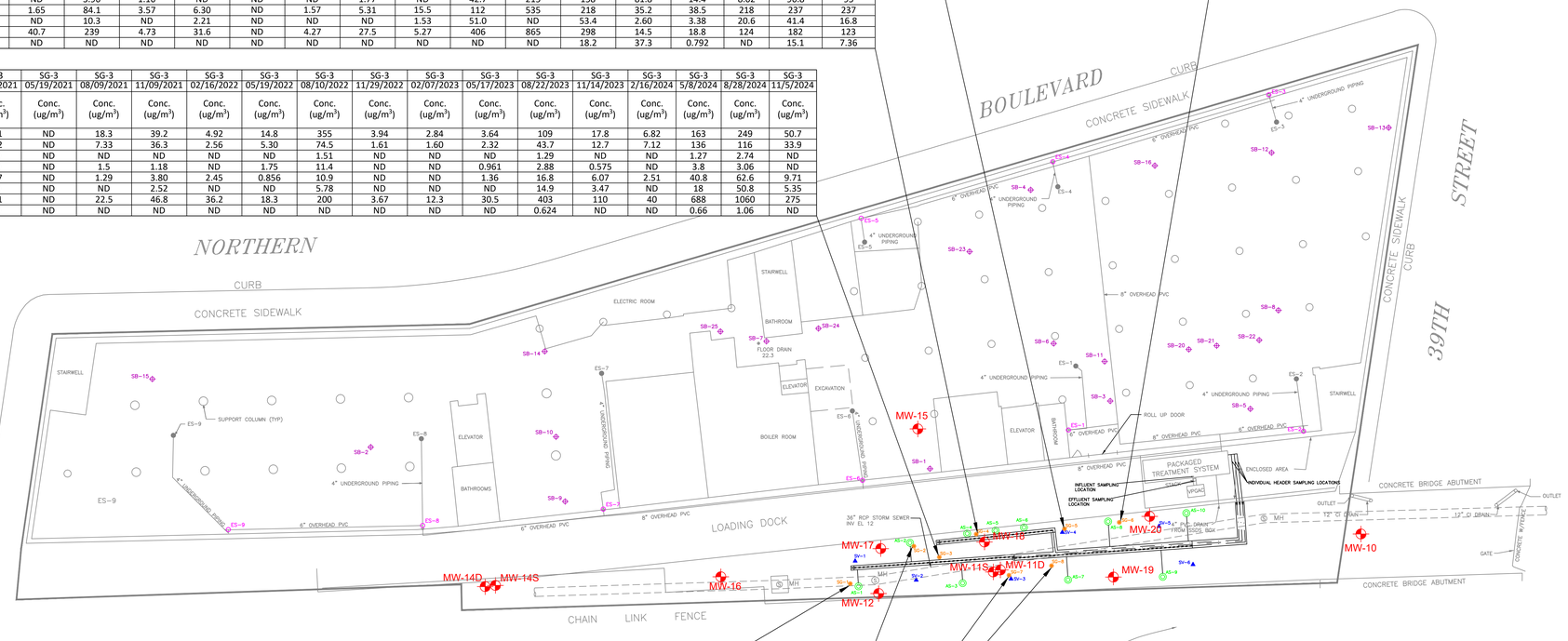
Filename: \\langan.com\data\NYC\data2\170861201\Project Data\CAD\PRR_Figure 10.dwg Date: 2/13/2026 Time: 09:18 User: mmcbride Style Table: Langan.stb Layout: Figure 10

Soil Vapor Sample:	SG-5	SG-5	SG-5	SG-5	SG-5	SG-5	SG-5	SG-5	SG-5	SG-5	SG-5	SG-5	SG-5	SG-5	SG-5	SG-5	SG-5
Sample Date:	11/24/2020	02/12/2021	05/19/2021	08/09/2021	11/09/2021	02/16/2022	05/19/2022	08/09/2022	11/29/2022	02/07/2023	05/17/2023	08/22/2023	11/14/2023	4/3/2024	5/8/2024	8/28/2024	11/15/2024
Analyte	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)
1,1,1-Trichloroethane	955	545	44300	198	20400	5570	1490	13000	4860	81800	70400	12300	1390	17400	23700	9820	9770
1,1-Dichloroethane	1550	336	34400	234	19800	6390	1740	25700	15500	56300	80100	3580	275	22200	24400	6920	9350
1,1-Dichloroethene	ND	ND	110	ND	ND	23.1	3.15	ND	ND	299	ND	ND	ND	ND	36	ND	ND
Chloroethane	588	8.29	1650	6.04	844	647	102	1230	340	3510	3510	71.0	ND	509	884.0	430	446.0
Cis-1,2-Dichloroethylene	285	55.5	15400	125	7890	2800	504	11200	5510	12500	21900	500	20.1	5590	8050	3000	2040
Tetrachloroethylene (PCE)	ND	4.41	382	6.78	146	87.5	18.3	262	94.9	315	ND	111	ND	158	365	127	ND
Trichloroethylene (TCE)	188	95.7	12500	129	2410	940	190	5910	812	12300	21700	688	20.3	514	2490	1170	822
Vinyl Chloride	320	ND	1120	0.624	105	593	2.34	136	43.7	3760	2510	ND	ND	83.6	48.6	ND	29.1

Soil Vapor Sample:	SG-4	SG-4	SG-4	SG-4	SG-4	SG-4	SG-4	SG-4	SG-4	SG-4	SG-4	SG-4	SG-4	SG-4	SG-4	SG-4	SG-4
Sample Date:	11/24/2020	02/12/2021	05/19/2021	08/09/2021	11/09/2021	02/16/2022	05/19/2022	08/09/2022	11/29/2022	02/07/2023	05/17/2023	08/22/2023	11/14/2023	2/16/2024	5/8/2024	8/28/2024	11/5/2024
Analyte	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)
1,1,1-Trichloroethane	687	2.41	126	21.8	20.5	1.16	1.33	14.7	13.1	14200	13400	1190	225	231	1070	1740	4510
1,1-Dichloroethane	826	1.66	83.4	19.1	15.1	0.809	3.47	10.2	30.4	1540	4490	911	166	145	591	1240	1380
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.64	0.793	ND	1.03	ND	ND
Chloroethane	28.5	ND	3.96	1.16	ND	ND	ND	1.77	ND	42.7	215	158	81.8	14.4	8.02	96.8	95
Cis-1,2-Dichloroethylene	327	1.65	84.1	3.57	6.30	ND	1.57	5.31	15.5	112	535	218	35.2	38.5	218	237	237
Tetrachloroethylene (PCE)	35.3	ND	10.3	ND	2.21	ND	ND	ND	1.53	51.0	ND	53.4	2.60	3.38	20.6	41.4	16.8
Trichloroethylene (TCE)	338	40.7	239	4.73	31.6	ND	4.27	27.5	5.27	406	865	298	14.5	18.8	124	182	123
Vinyl Chloride	6.80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18.2	37.3	0.792	ND	15.1	7.36

Soil Vapor Sample:	SG-3	SG-3	SG-3	SG-3	SG-3	SG-3	SG-3	SG-3	SG-3	SG-3	SG-3	SG-3	SG-3	SG-3	SG-3	SG-3	SG-3
Sample Date:	11/24/2020	02/12/2021	05/19/2021	08/09/2021	11/09/2021	02/16/2022	05/19/2022	08/10/2022	11/29/2022	02/07/2023	05/17/2023	08/22/2023	11/14/2023	2/16/2024	5/8/2024	8/28/2024	11/5/2024
Analyte	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)
1,1,1-Trichloroethane	5.34	6.71	ND	18.3	39.2	4.92	14.8	355	3.94	2.84	3.64	109	17.8	6.82	163	249	50.7
1,1-Dichloroethane	3.70	2.12	ND	7.33	36.3	2.56	5.30	74.5	1.61	1.60	2.32	43.7	12.7	7.12	136	116	33.9
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	1.51	ND	ND	ND	1.29	ND	ND	1.27	2.74	ND
Chloroethane	ND	ND	ND	1.5	1.18	ND	1.75	11.4	ND	ND	0.961	2.88	0.575	ND	3.8	3.06	ND
Cis-1,2-Dichloroethylene	3.89	2.57	ND	1.29	3.80	2.45	0.856	10.9	ND	ND	1.36	16.8	6.07	2.51	40.8	62.6	9.71
Tetrachloroethylene (PCE)	ND	ND	ND	ND	2.52	ND	ND	5.78	ND	ND	ND	14.9	3.47	ND	18	50.8	5.35
Trichloroethylene (TCE)	112	36.1	ND	22.5	46.8	36.2	18.3	200	3.67	12.3	30.5	403	110	40	688	1060	275
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.624	ND	ND	0.66	1.06	ND

Soil Vapor Sample:	SG-6	SG-6	SG-6	SG-6	SG-6	SG-6	SG-6	SG-6	SG-6	SG-6	SG-6	SG-6	SG-6	SG-6	SG-6	SG-6	SG-6
Sample Date:	11/24/2020	02/12/2021	05/19/2021	08/09/2021	11/09/2021	02/16/2022	05/20/2022	08/09/2022	11/29/2022	02/07/2023	05/17/2023	08/22/2023	11/14/2023	4/3/2024	5/8/2024	8/28/2024	11/5/2024
Analyte	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)
1,1,1-Trichloroethane	379	63.8	ND	481	1840	1150	526	2320	10.5	1360	2420	15.8	ND	26.6	62.7	98.8	17.7
1,1-Dichloroethane	297	55.0	ND	268	919	518	217	1010	4.41	619	1660	6.64	ND	20.8	89	109	15.2
1,1-Dichloroethene	ND	0.904	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	17.0	4.62	ND	ND	8.39	4.12	ND	11.0	ND	19.6	57.0	ND	ND	ND	0.715	1.73	2.43	ND
Cis-1,2-Dichloroethylene	579	86.4	ND	404	1240	599	313	1590	4.64	547	1880	7.10	ND	7.22	31.7	46.8	6.62
Tetrachloroethylene (PCE)	19.5	2.10	ND	10.6	38.0	21.1	13.3	38.2	1.94	24.1	78.7	4.28	ND	ND	3.09	6.98	ND
Trichloroethylene (TCE)	2280	310	1.29	1640	4280	2370	1700	6990	22.4	2990	10600	114	1.79	70.4	313	580	125
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND



Soil Vapor Sample:	SG-1	SG-1	SG-1	SG-1	SG-1	SG-1	SG-1	SG-1	SG-1	SG-1	SG-1	SG-1	SG-1	SG-1	SG-1	SG-1	SG-1
Sample Date:	11/24/2020	02/12/2021	05/19/2021	08/09/2021	11/09/2021	02/16/2022	05/19/2022	08/10/2022	11/29/2022	02/07/2023	05/17/2023	08/22/2023	2/16/2024	5/8/2024	8/28/2024	11/5/2024	
Analyte	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	
1,1,1-Trichloroethane	1.83	ND	4.39	25.4	30.1	8.51	31.8	644	9.77	6.98	29.3	4.39	7.53	ND	1.09	1.09	
1,1-Dichloroethane	ND	ND	1.22	7.93	6.15	1.82	5.95	67.2	1.95	1.72	8.78	1.34	2.61	ND	0.809	0.809	
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.793	0.793	
Chloroethane	ND	ND	0.536	ND	ND	ND	ND	1.21	ND	ND	0.776	0.871	1.86	ND	0.528	0.528	
Cis-1,2-Dichloroethylene	ND	ND	1.69	2.13	9.99	2.6	3.37	11.7	ND	1.43	3.7	ND	ND	ND	ND	ND	
Tetrachloroethylene (PCE)	ND	ND	2.29	3.29	4.76	ND	2.81	13.4	ND	1.95	19.8	ND	ND	ND	1.36	1.36	
Trichloroethylene (TCE)	6.34	6.66	22.6	46.3	44.9	9.35	65.6	476	15.2	23.8	64	37.9	1.62	32.1	1.07	1.07	
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.989	ND	ND	ND	0.511	0.511	

Soil Vapor Sample:	SG-8	SG-8	SG-8	SG-8	SG-8	SG-8	SG-8	SG-8	SG-8	SG-8	SG-8	SG-8	SG-8	SG-8	SG-8	SG-8	SG-8
Sample Date:	11/24/2020	02/12/2021	05/19/2021	08/09/2021	11/09/2021	02/16/2022	05/20/2022	08/16/2022	11/29/2022	02/07/2023	05/17/2023	08/22/2023	11/14/2023	2/16/2024	5/8/2024	8/28/2024	11/5/2024
Analyte	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)
1,1,1-Trichloroethane	113	122	4600	14500	3770	818	380	321	1160	3440	14500	1090	405	3090	5270	1080	
1,1-Dichloroethane	76.9	106	1850	2870	1150	217	106	81.4	429	4570	2440	222	120	753	988	206	
1,1-Dichloroethene	1.89	1.42	60.3	137	15.0	ND	ND	ND	5.95	50.0	160	21.6	10.8	40.8	ND	ND	
Chloroethane	ND	5.99	ND	ND	ND	1.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Cis-1,2-Dichloroethylene	118	193	3290	3490	1030	115	57.1	27.0	167	952	1700	121	81.7	626	959	239	
Tetrachloroethylene (PCE)	7.05	4.35	149	302	109	34.7	14.2	7.59	49.2	246	285	ND	ND	63.7	652	ND	
Trichloroethylene (TCE)	456	645	15400	27500	5050	1210	892	344	1920	12500	69300	4690	3120	21800	46600	14000	
Vinyl Chloride	2.41	ND	51.4	62.4	19.9	9.74	2.76	1.2	161	450	ND	ND	ND	ND	ND	ND	

Soil Vapor Sample:	SG-2	SG-2	SG-2	SG-2	SG-2	SG-2	SG-2	SG-2	SG-2	SG-2	SG-2	SG-2	SG-2	SG-2	SG-2	SG-2	SG-2
Sample Date:	11/24/2020	02/12/2021	05/19/2021	08/09/2021	11/09/2021	02/17/2022	05/19/2022	08/10/2022	11/29/2022	02/07/2023	05/17/2023	08/22/2023	11/14/2023	2/16/2024	5/8/2024	8/28/2024	11/5/2024
Analyte	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)
1,1,1-Trichloroethane	11.3	3.44	53.1	139	86.8	16.1	55.7	1220	40.0	43.2	202	1.37	ND	ND	ND	1.19	6.1
1,1-Dichloroethane	8.22	2.59	32.4	43.7	47.0	10.7	27.2	311	20.6	24.0	129	ND	ND	ND	ND	ND	1.81
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	5.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	0.968	ND	45.1	8.34	3.09	0.794	7.07	62.0	0.945	0.932	12.7	1.69	ND	ND	1.78	0.7	ND
Cis-1,2-Dichloroethylene	71.8	24.6	37.7	47.6	32.6	10.3	27.4	190	22.7	38.2	183	ND	ND	ND	ND	ND	ND
Tetrachloroethylene (PCE)	ND	ND	12.7	22.5	9.02	2.98	8.95	53.0	8.68	13.0	54.0	2.48	ND	ND	ND	ND	ND
Trichloroethylene (TCE)	254	90.8	383	677	298	102	389	2100	251	383	2140	9.46	ND	ND	1.32	1.56	ND
Vinyl Chloride	ND	ND	0.9	ND	ND	ND	ND	9.53	ND	0.565	ND	ND	ND	ND	ND	ND	ND

Soil Vapor Sample:	SG-7	SG-7	SG-7	SG-7	SG-7	SG-7	SG-7	SG-7	SG-7	SG-7	SG-7	SG-7	SG-7	SG-7	SG-7	SG-7	SG-7
Sample Date:	11/24/2020	02/12/2021	05/19/2021	08/09/2021	11/09/2021	02/16/2022	05/20/2022	08/10/2022	08/16/2022	11/29/2022	02/07/2023	05/17/2023	08/22/2023	11/14/2023	2/16/2024	5/8/2024	8/28/2024	11/5/2024
Analyte	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)	Conc. (ug/m^3)
1,1,1-Trichloroethane	58.9	150	196	72	44.8	4.18	38.6	6820	4240	153	74.2	517	8.84	4.29	1.34	4.27	12.1	3.13
1,1-Dichloroethane	14.2	39.5	77.3	18.7	12.2	1.16	7.85	2200	822	55.9	28.3	204	3.93	2.31	0.939	2.1	4.86	1.58
1,1-Dichloroethene	1.15	2.62	ND	ND	ND	ND	ND	20.7	18.9	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ND	ND	7.28	2.13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.602	ND
Cis-1,2-Dichloroethylene	8.29	58.3	56.3	10.4	7.18	0.908	3.26	1240	247	18.8	11.0	73.7	2.34	1.78	0.912	1.82	3.3	0.967
Tetrachloroethylene (PCE)	4.82	ND	11.7	5.13	3.65	ND	1.93	191	206	20.1	11.1	50.8	2.31	1.36	ND	ND	2.85	ND
Trichloroethylene (TCE)	379	458	914	247	167	18.5	117	12100	6500	520	283	2220	35.4	18.6	7.9	23	54.3	15.3
Vinyl Chloride	ND	4.86	ND	ND	ND	ND	ND	58.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

LEGEND:

- MW-17 — GROUNDWATER MONITORING WELL
- ES-1 — EXTRACTION SUMP
- SB-5 — SUBSLAB MONITORING POINT
- SV-6 — VAPOR MONITORING POINT
- AS-10 — AIR SPARGE WELL
- SG-1 — SOIL VAPOR SAMPLE LOCATION

NOTES:

1. BASE MAP IS BASED ON FIGURE OBTAINED FROM CDM
2. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF GROUNDWATER MONITORING WELLS AND VAPOR PROBES IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIES BY THE METHOD USED.
3. FENCE LINE DEVELOPED FROM GZA FIELD MEASUREMENTS.

15 0 3.75 7.5 15
SCALE: 1 INCH = 15 FEET

WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, LAND SURVEYOR OR GEOLOGIST, TO ALTER THIS ITEM IN ANY WAY.

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Project: STANDARD MOTOR PRODUCTS, INC.
LONG ISLAND CITY
QUEENS NEW YORK

Figure Title: SOIL VAPOR ANALYTICAL RESULTS 2020-2024

Project No. 170861201
Date 02/17/2026
Drawn By FB
Checked By BP

Figure 11

LANGAN
PROJECT NO. ########

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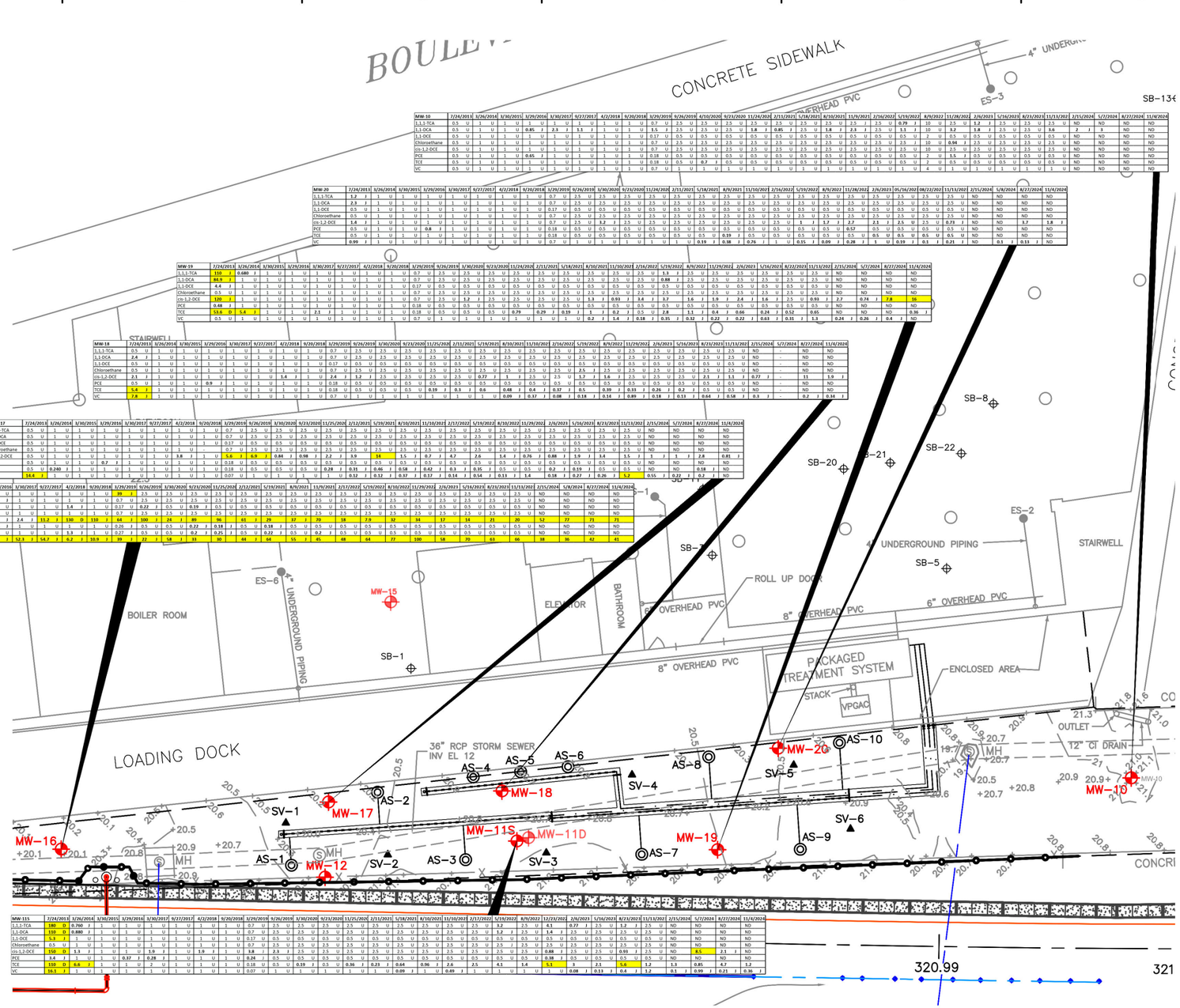
Filename: \\langan.com\data\NYC\data2\170861201\Project Data\CAD\PRR_Figure 10.dwg Date: 3/16/2026 Time: 10:45 User: fbrazier Style Table: Langan.stb Layout: FIGURE 11



MW-10	7/24/2013	3/26/2014	3/30/2015	3/29/2016	3/30/2017	9/27/2017	4/2/2018	9/20/2018	3/29/2019	9/26/2019	3/30/2020	9/23/2020	11/24/2020	2/11/2021	5/18/2021	8/10/2021	11/10/2021	2/16/2022	5/19/2022	8/9/2022	11/28/2022	2/6/2023	5/16/2023	8/23/2023	11/13/2023	2/15/2024	5/7/2024	8/27/2024	11/4/2024
1,1,1-TCA	0.5 U	1 U	1 U	1 U	0.85 J	2.3 J	1.1 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.79 J	10 U	2.5 U	1.2 J	2.5 U	2.5 U	2.5 U	ND	ND	ND	ND
1,1-DCA	0.5 U	1 U	1 U	1 U	0.85 J	2.3 J	1.1 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1.5 J	10 U	3.2	1.8 J	2.5 U	2.5 U	3.6	2 J	1	ND	ND
1,1-DCE	0.5 U	1 U	1 U	1 U	0.65 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.17 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	ND	ND	ND	ND
Chloroethane	0.5 U	1 U	1 U	1 U	0.65 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	0.94 J	2.5 U	2.5 U	2.5 U	2.5 U	ND	ND	ND	ND
cis-1,2-DCE	0.5 U	1 U	1 U	1 U	0.65 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND	ND	ND	ND
PCE	0.5 U	1 U	1 U	1 U	0.65 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.18 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	1.5 J	0.5 U	0.5 U	0.5 U	ND	ND	ND	ND
TCE	0.5 U	1 U	1 U	1 U	0.65 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.18 U	0.5 U	0.7 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	ND	ND	ND	ND
VC	0.5 U	1 U	1 U	1 U	0.65 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.79 J	4 U	1 U	1 U	1 U	1 U	1 U	ND	ND	ND	ND

MW-20	7/24/2013	3/26/2014	3/30/2015	3/29/2016	3/30/2017	9/27/2017	4/2/2018	9/20/2018	3/29/2019	9/26/2019	3/30/2020	9/23/2020	11/24/2020	2/11/2021	5/18/2021	8/9/2021	11/10/2021	2/16/2022	5/19/2022	8/9/2022	11/28/2022	2/6/2023	05/16/2023	08/22/2023	11/13/2023	2/15/2024	5/8/2024	8/27/2024	11/4/2024
1,1,1-TCA	1.2 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND	ND	ND
1,1-DCA	2.3 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND	ND	ND
1,1-DCE	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.17 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	ND	ND	ND
Chloroethane	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND	ND	ND
cis-1,2-DCE	1.4 J	1 U	1 U	1 U	0.8 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.7 U	2.5 U	3.2 J	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 J	1.7 J	2.7	2.1 J	2.5 U	2.5 U	0.73 J	ND	ND	3.7	1.8 J		
PCE	0.5 U	1 U	1 U	1 U	0.8 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.18 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.57	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	ND	ND	ND	ND
TCE	0.5 U	1 U	1 U	1 U	0.8 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.18 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	ND	ND	ND	ND
VC	0.99 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.7 U	1 U	1 U	1 U	1 U	1 U	1 U	0.19 J	0.38 J	0.76 J	1 U	0.19 J	0.28 J	1 U	0.19 J	0.51 J	0.09 J	0.21 J	1 U	0.51 J	ND	ND

MW-19	7/24/2013	3/26/2014	3/30/2015	3/29/2016	3/30/2017	9/27/2017	4/2/2018	9/20/2018	3/29/2019	9/26/2019	3/30/2020	9/23/2020	11/24/2020	2/11/2021	5/18/2021	8/10/2021	11/10/2021	2/16/2022	5/19/2022	8/9/2022	11/29/2022	2/6/2023	5/16/2023	8/22/2023	11/13/2023	2/15/2024	5/7/2024	8/27/2024	11/4/2024
1,1,1-TCA	110 D	0.680 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1.3 J	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND	ND	ND	ND
1,1-DCA	88.9 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.88 J	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND	ND	ND	ND
1,1-DCE	4.4 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.17 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	ND	ND	ND	ND
Chloroethane	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND	ND	ND	ND
cis-1,2-DCE	120 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.7 U	2.5 U	1.2 J	2.5 U	2.5 U	2.5 U	2.5 U	1.3 J	0.93 J	3.6 J	3.7	1.6 J	1.9 J	2.4 J	1.6 J	2.5 U	0.93 J	2.7	0.74 J	7.8	16	
PCE	0.48 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.18 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	ND	ND	ND	ND
TCE	53.6 D	5.4 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.18 U	0.5 U	0.5 U	0.5 U	0.5 U	0.79	0.29 J	0.39 J	1 U	0.2 J	0.5 U	2.8	1.1 J	0.4 J	0.66	0.24 J	0.52	0.65	ND	ND	0.36 J	
VC	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.7 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 J	1.4 J	0.18 J	0.35 J	0.32 J	0.22 J	0.22 J	0.63 J	0.31 J	1.1	0.24 J	0.26 J	0.4 J	ND	

MW-18	7/24/2013	3/26/2014	3/30/2015	3/29/2016	3/30/2017	9/27/2017	4/2/2018	9/20/2018	3/29/2019	9/26/2019	3/30/2020	9/23/2020	11/25/2020	2/11/2021	5/19/2021	8/10/2021	11/10/2021	2/16/2022	5/19/2022	8/9/2022	11/29/2022	2/6/2023	5/16/2023	8/23/2023	11/13/2023	2/15/2024	5/7/2024	8/27/2024	11/4/2024
1,1,1-TCA	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND	-	ND	ND
1,1-DCA	2.4 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND	-	ND	ND
1,1-DCE	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.17 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	ND	-	ND	ND
Chloroethane	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND	-	ND	ND
cis-1,2-DCE	2.1 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.4 J	1 U	2.4 J	1.2 J	2.5 U	2.5 U	2.5 U	0.77 J	1 J	2.5 U	1.7 J	1.6 J	2.5 U	2.5 U	2.5 U	2.1 J	1 J	1.1 J	0.77 J	-	11	1.9 J		
PCE	0.5 U	1 U	1 U	1 U	0.9 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.18 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	ND	-	ND	ND
TCE	5.4 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.18 U	0.5 U	0.5 U	0.5 U	0.5 U	0.39 J	0.3 J	0.6	0.48 J	0.4 J	0.37 J	0.5	0.39 J	0.33 J	0.26 J	0.2 J	0.5 U	0.5 U	ND	-	ND	ND	
VC	7.8 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.09 J	0.37 J	0.08 J	0.18 J	0.14 J	0.89 J	0.18 J	0.13 J	0.64 J	0.58 J	0.3 J	-	0.2 J	0.14 J	

MW-17	7/24/2013	3/26/2014	3/30/2015	3/29/2016	3/30/2017	9/27/2017	4/2/2018	9/20/2018	3/29/2019	9/26/2019	3/30/2020	9/23/2020	11/25/2020	2/12/2021	5/19/2021	8/10/2021	11/10/2021	2/17/2022	5/19/2022	8/10/2022	11/29/2022	2/6/2023	5/16/2023	8/23/2023	11/13/2023	2/15/2024	5/7/2024	8/27/2024	11/4/2024
1,1,1-TCA	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND	ND	ND	ND
1,1-DCA	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND	ND	ND	ND
1,1-DCE	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.17 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	ND	ND	ND	ND
Chloroethane	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND	ND	ND	ND
cis-1,2-DCE	0.5 U	1 U	1 U	1 U	3.8 J	1 U	1 U	5.6	4.9 J	0.84 J	0.98 J	2.2 J	3.9	14	0.7 J	6.7	2.6	1.4 J	0.76 J	0.88 J	1.9 J	3.4	1.5 J	2.8	0.85 J				
PCE	0.5 U	1 U	1 U	1 U	0.7 J	1 U	1 U	0.18 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	ND	ND	ND	ND	ND
TCE	0.5 U	0.240 J	1 U	1 U	1 U	1 U	1 U	0.18 U	0.5 U	0.5 U	0.5 U	0.28 J	0.31 J	0.46 J	0.58 J	0.42 J	0.3 J	0.35 J	0.5 U	0.5 U	0.2 J	0.19 J	0.5 U	0.5 U	ND	ND	0.18 J	ND	
VC	14.6 J	1 U	1 U	1 U	1 U	1 U	1 U	0.07 U	1 U	1 U	1 U	1 U	0.12 J	0.12 J	0.37 J	0.17 J	0.14 J	0.54 J	0.13 J	1.4	0.18 J	0.27 J	0.26 J	5.2	0.55 J	0.22 J	0.2 J	ND	

MW-16	7/24/2013	3/26/2014	3/30/2015	3/29/2016	3/30/2017	9/27/2017	4/2/2018	9/20/2018	3/29/2019	9/26/2019	3/30/2020	9/23/2020	11/25/2020	2/12/2021	5/19/2021	8/9/2021	11/9/2021	2/17/2022	5/19/2022	8/9/2022	11/29/2022	2/6/2023	5/16/2023	8/23/2023	11/13/2023	2/15/2024	5/8/2024	8/27/2024	11/4/2024
1,1,1-TCA	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	39 J	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND	ND	ND	ND
1,1-DCA	0.5 U	1 U	1 U	1 U	0.52 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND	ND	ND	ND
1,1-DCE	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.17 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	ND	ND	ND	ND
Chloroethane	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND	ND	ND	ND
cis-1,2-DCE	2.5 J	1.5 J	2 J	1.2 J	2.4 J	11.2 J	130 D	110 D	84 J	100 J	24 J	89	96	61 J	29	37 J	20	18	7.9	32	34	17	14	21	20	52	77	71	71
PCE	0.5 U	1 U	1 U	1 U	0.67 J	1 U	1 U	1 U	1 U	1 U	0.18 J	0.5 U	0.5 U	0.18 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	ND	ND	ND	ND	ND
TCE	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.3 J	1 U	0.27 J	0.5 U	0.5 U	0.2 J	0.25 J	0.5 U	0.5 U	0.2 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	ND	ND	ND	ND	ND
VC	18.9 J	1 U	1 U	1 U	26.8 J	13.3 J	52.3 J	54.7 J	6.2 J	10.9 J	3 J	22 J	58 J	33	30	44	64	55 J	45	48	64	77	100	58	70	63	66	38	36	42	41				

MW-11S	7/24/2013	3/26/2014	3/30/2015	3/29/2016	3/30/2017	9/27/2017	4/2/2018	9/20/2018	3/29/2019	9/26/2019	3/30/2020	9/23/2020	11/25/2020	2/11/2021	5/18/2021	8/10/2021	11/10/2021	2/17/2022	5/19/2022	8/9/2022	12/13/2022	2/6/2023	5/16/2023	8/23/2023	11/13/2023	2/15/2024	5/7/2024	8/27/2024	11/4/2024
1,1,1-TCA	180 D	0.760 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	3.2	2.5 U	4.1	0.77 J	2.5 U	1.2 J	2.5 U	ND	ND	ND	ND
1,1-DCA	150 D	0.880 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	3.2	2.5 U	3.6 J	2.5 U	2.5 U	2.5 U	2.5 U	ND	ND	ND	ND
1,1-DCE	5.3 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.17 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	ND	ND	ND	ND
Chloroethane	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND	ND	ND	ND
cis-1,2-DCE	150 D	1.3 J	1 U	1 U	1.9 J	1 U	1.9 J	3.8 J	2.3 J	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.88 J	2.5 U	2.5 U	0.93 J	2.5 U	ND	8.5	2.1 J	ND	
PCE	3.4 J	1 U	1 U	0.37 J	0.28 J	1 U	1 U	0.24 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.38 J	0.5 U	0.5 U	0.5 U	0.5 U	ND	ND	ND	ND	ND
TCE	110 D	6.6 J	1 U	1 U	2 U	1 U	1 U	0.18 U	0.5 U	0.39 J	0.3 J	0.36 J	0.23 J	0.64	0.36 J	2.6	2.5	4.1	1.4	5.1	3	2.1	5.6	1.2	1.3	0.85	4.7	1.2	
VC	16.1 J	1 U	1 U	1 U	1 U	1 U	1 U	0.07 U	1 U	1 U	1 U	1 U	0.09 J	0.09 J	1 U	1 U	1 U	1 U	1 U	0.08 J	0.13 J	0.4 J	1.2	0.1 J	0.99 J	0.21 J	0.36 J		

MW-11D	7/24/2013	3/26/2014	3/30/2015	3/29/2016	3/30/2017	9/27/2017	4/2/2018	9/20/2018	3/29/2019	9/26/2019	3/30/2020	9/23/2020	11/25/2020	2/11/2021	5/18/2021	8/10/2021	11/10/2021	2/17/2022	5/19/2022	8/9/2022	12/13/2022	2/6/2023	5/16/2023	8/23/2023	11/13/2023	2/15/2024	5/7/2024	8/27/2024	11/4/2024
1,1,1-TCA	1.2 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND	ND	ND	ND
1,1-DCA	1.2 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND	ND	ND	ND
1,1-DCE	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.17 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	ND	ND	ND	ND
Chloroethane	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND	ND	ND	ND
cis-1,2-DCE	1.4 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND	ND	ND	ND
PCE	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.18 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	ND	ND	ND	ND
TCE	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.18 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	ND	ND	ND	ND
VC	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.7 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 J	0.4 J	0.18 J	0.35 J	0.32 J	0.22 J	0.22 J	0.63 J	0.31 J	1.1	0.24 J	0.26 J	0.4 J	ND	

MW-115	7/24/2013	3/26/2014	3/30/2015	3/29/2016	3/30/2017	9/27/2017	4/2/2018	9/20/2018	3/29/2019	9/26/2019	3/30/2020	9/23/2020	11/25/2020	2/12/2021	5/19/2021	8/10/2021	11/10/2021	2/17/2022	5/19/2022	8/9/2022	12/13/2022	2/6/2023	5/16/2023	8/23/2023	11/13/2023	2/15/2024	5/7/2024	8/27/2024	11/4/2024
1,1,1-TCA	180 D	0.760 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	3.2	2.5 U	4.1	0.77 J	2.5 U	1.2 J	2.5 U	ND	ND	ND	ND
1,1-DCA	150 D	0.880 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	3.2	2.5 U	3.6 J	2.5 U	2.5 U	2.5 U	2.5 U	ND

MW-10	7/24/2013	3/26/2014	3/30/2015	3/29/2016	3/30/2017	9/27/2017	4/2/2018	9/20/2018	3/29/2019	9/26/2019	4/10/2020	9/23/2020	11/24/2020	2/11/2021	5/18/2021	8/10/2021	11/9/2021	2/16/2022	5/19/2022	8/9/2022	11/28/2022	2/6/2023	5/16/2023	8/22/2023	11/13/2023	2/15/2024	5/7/2024	8/27/2024	11/4/2024
Benzene	29.3	0.51 J	2.9	2.2	1.5	1 U	2.5	20.2	27	37	4.3	2	8.8	3.3	6.4	4.4	16	18	15	5.8	4.3	3.5	5.2	3.9	2.1	5.7	13	18	19
Ethyl Benzene	120 D	49.5	110 D	60	200 D	1 U	30.2	0.75 J	3.2	2 J	2.5 U	2.5 U	1 J	0.81 J	8.4	7.1	1.8 J	8.7	10	180	70	22	1.8 J	8	3.1	6.2	4.6	4.7	8
Isopropylbenzene	28.6	14.4	23.6	16.4	30.4	1.6 J	2.7	5.5	8.4	10	2.5 U	2 J	41	12	33	48	52	60	57	56	34	47	27	56	35	47	37	88	130
m/p-Xylenes	76.7	25.2	67.6	9.3	20.8	2 U	5.2	7.9	10	13	2.5 U	2.5 U	3.5	10	12	10	31	190	66	110	2.2 J	30	15	16	7.1	3.6	1	0.8	2.1
o-Xylene	6.4	1.3	5.6	2.8	6.9	1 U	1	0.79 J	0.8 J	1.1 J	2.5 U	2.5 U	2.5 U	1.4 J	3.1	1.6 J	3.7	15	8.3	31	2.5 U	4.7	2.9	5	3.1	12	12	5.4	21
Toluene	19.6	8.2	21.2	8.1	15.4	1 U	7.1	7.4	10	10	2.5 U	2.5 U	3.3	3.5	9	5.7	10	25	20	19	6.9	9.7	9.2	11	6.1	10	13	13	16

MW-20	7/24/2013	3/26/2014	3/30/2015	3/29/2016	3/30/2017	9/27/2017	9/20/2018	3/29/2019	9/26/2019	3/30/2020	9/23/2020	11/24/2020	2/11/2021	5/18/2021	8/9/2021	11/10/2021	2/16/2022	5/19/2022	8/9/2022	11/28/2022	2/6/2023	5/16/2023	8/22/2023	11/13/2023	2/15/2024	5/7/2024	8/27/2024	11/4/2024
Benzene	2.5	1 U	1 U	1 U	3.9	1.4	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	- U	ND U	ND U	ND U
Ethyl Benzene	1.4	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND U	- U	ND U	ND U	ND U
Isopropylbenzene	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND U	- U	ND U	ND U	ND U
m/p-Xylenes	4.3	2 U	2 U	2 U	2 U	2 U	2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	ND U	- U	ND U	ND U	ND U
o-Xylenes	2	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND U	- U	ND U	ND U	ND U
Toluene	0.73 J	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND U	- U	ND U	ND U	ND U

MW-19	7/24/2013	3/26/2014	3/30/2015	3/29/2016	3/30/2017	9/27/2017	4/2/2018	9/20/2018	3/29/2019	9/26/2019	3/30/2020	9/23/2020	11/24/2020	2/11/2021	5/18/2021	8/10/2021	11/10/2021	2/16/2022	5/19/2022	8/9/2022	11/29/2022	2/6/2023	5/16/2023	8/22/2023	11/13/2023	2/15/2024	5/7/2024	8/27/2024	11/4/2024
Benzene	0.5 UQ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.43 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	ND U	ND U	ND U	ND U	ND U	ND U	ND U
Ethyl Benzene	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND U	ND U	ND U	ND U	ND U	ND U	ND U
Isopropylbenzene	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND U	ND U	ND U	ND U	ND U	ND U	ND U
m/p-Xylenes	1 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	ND U	ND U	ND U	ND U	ND U	ND U	ND U
o-Xylene	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND U	ND U	ND U	ND U	ND U	ND U	ND U
Toluene	0.5 UQ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND U	ND U	ND U	ND U	ND U	ND U	ND U

MW-18	7/24/2013	3/26/2014	3/30/2015	3/29/2016	3/30/2017	9/27/2017	4/2/2018	9/20/2018	3/29/2019	9/26/2019	3/30/2020	9/23/2020	11/25/2020	2/11/2021	5/19/2021	8/10/2021	11/10/2021	2/16/2022	5/19/2022	8/9/2022	11/29/2022	2/6/2023	5/16/2023	8/22/2023	11/13/2023	2/15/2024	5/7/2024	8/27/2024	11/4/2024
Benzene	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	ND U	- U	ND U	ND U	ND U
Ethyl Benzene	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND U	- U	ND U	ND U	ND U
Isopropylbenzene	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND U	- U	ND U	ND U	ND U
m/p-Xylenes	1 U	2 U	2 U	2 U	2 U	2 U	2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	ND U	- U	ND U	ND U	ND U
o-Xylene	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND U	- U	ND U	ND U	ND U
Toluene	0.5 UQ	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND U	- U	ND U	ND U	ND U

MW-17	7/24/2013	3/26/2014	3/30/2015	3/29/2016	3/30/2017	9/27/2017	4/2/2018	9/20/2018	3/29/2019	9/26/2019	3/30/2020	9/23/2020	11/25/2020	2/11/2021	5/19/2021	8/10/2021	11/10/2021	2/17/2022	5/19/2022	8/10/2022	11/29/2022	2/6/2023	5/16/2023	8/22/2023	11/13/2023	2/15/2024	5/7/2024	8/27/2024	11/4/2024
Benzene	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	ND U	ND U	ND U	ND U	ND U
Ethyl Benzene	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND U	ND U	ND U	ND U	ND U
Isopropylbenzene	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND U	ND U	ND U	ND U	ND U
m/p-Xylenes	1 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	ND U	ND U	ND U	ND U	ND U
o-Xylene	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND U	ND U	ND U	ND U	ND U
Toluene	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND U	ND U	ND U	ND U	ND U

MW-16	3/26/2014	3/30/2015	3/29/2016	3/30/2017	9/27/2017	4/2/2018	9/20/2018	3/29/2019	9/26/2019	3/30/2020	9/23/2020	11/25/2020	2/12/2021	5/19/2021	8/9/2021	11/9/2021	2/17/2022	5/19/2022	8/10/2022	11/29/2022	2/6/2023	5/16/2023	8/22/2023	11/13/2023	2/15/2024	5/7/2024	8/27/2024	11/4/2024
Benzene	1 U	1 U	7.5	1 U	1 U	1 U	1 U	0.16 J	0.56 J	0.5 U	0.59 J	0.59 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.16 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	ND U	ND U	ND U	ND U	ND U
Ethyl Benzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND U	ND U	ND U	ND U	ND U
Isopropylbenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND U	ND U	ND U	ND U	ND U
m/p-Xylenes	2 U	2 U	2 U	2 U	2 U	2 U	2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	ND U	ND U	ND U	ND U	ND U
o-Xylene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND U	ND U	ND U	ND U	ND U
Toluene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND U	ND U	ND U	ND U	ND U

MW-11S	7/24/2013	3/26/2014	3/30/2015	3/29/2016	3/30/2017	9/27/2017	4/2/2018	9/20/2018	3/29/2019	9/26/2019	3/30/2020	9/23/2020	11/25/2020	2/11/2021	5/18/2021	8/10/2021	11/10/2021	2/17/2022	5/19/2022	8/9/2022	12/23/2022	2/6/2023	5/16/2023	8/22/2023	11/13/2023	2/15/2024	5/7/2024	8/27/2024	11/4/2024
Benzene	7.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	ND U	ND U	ND U	ND U	ND U
Ethyl Benzene	0.5 U	1 U	1 U	1 U	0.33 J	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND U	ND U	ND U	ND U	ND U
Isopropylbenzene	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND U	ND U	ND U	ND U	ND U
m/p-Xylenes	1 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	ND U	ND U	ND U	ND U	ND U
o-Xylene	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND U	ND U	ND U	ND U	ND U
Toluene	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND U	ND U	ND U	ND U	ND U

Legend

- MW-10 — GROUNDWATER MONITORING WELL
- ES-2 — EXTRACTION SUMP
- TRENCH LINE CLEANOUT
- VAPOR MONITORING POINT

Notes:
1. Base map based on figure obtained from CDM.
2. The purpose of this drawing is to locate, describe, and represent the positions of groundwater monitoring wells and vapor probes in relation to the subject site. This drawing is not considered a land survey. The locations shown should be considered accurate only to the degree implied by the method used.
3. BTEX - Benzene, Toluene, Ethylbenzene and Xylene

Qualifiers:
U - Non-Detect
J - Estimated
D - Diluted results
Bold values indicate detected results
Exceedance Value

WARNING: It is a violation of the NYS Education Law Article 145 for any person, unless acting under the direction of a licensed professional engineer, land surveyor or geologist, to alter this item in any way.

25 0 25
SCALE IN FEET

LANGAN
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
368 Ninth Avenue, 8th Floor
New York, NY 10001
T: 212.479.5400 F: 212.479.5444 www.langan.com

Project
STANDARD MOTOR PRODUCTS, INC.
LONG ISLAND CITY
QUEENS NEW YORK

Figure Title
GROUNDWATER BTEX RESULTS

Project No. 170861201
Date 2/3/2026
Scale 1"=25'
Drawn By GS

Figure No. 13

© 2024 Langan

Path: \\langan.com\data\NYC\data2\170861201\Project Data\ArcGIS\APRX\170861201\170861201.aprx Date: 2/3/2026 User: Gsajbel Time: 4:23 PM

APPENDIX A NYSDEC CORRESPONDENCE

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 2
47-40 21st Street, Long Island City, NY 11101
P: (718) 482-4995
www.dec.ny.gov

November 13, 2024

Erin Pawlish
Standard Motor Products Inc
37-18 Northern Blvd
Long Island City NY 11101

Re: Standard Motor Products, Inc.
Site ID 241016, Queens County
2022 Periodic Review Report (PRR) and Rebound Study Report Acceptance

Dear Ms. Pawlish:

The New York State Department of Environmental Conservation (NYSDEC), in consultation with the New York State Department of Health (NYSDOH), has reviewed the 2022 PRR and Rebound Study Report dated October 4, 2024 and IC/EC Certification for following period: November 2020 to November 2022.

The NYSDEC hereby accepts the 2022 PRR and Rebound Study Report, and associated Certification. The frequency of the reports for this site is 1 year, your next PRR is due on December 31, 2024.

If you have any questions, or need additional forms, please contact me at 718-482-7541 or e-mail: wendi.zheng@dec.ny.gov.

Sincerely,
Wendi Zheng
Wendi Zheng
Project Manager

ec: Jane O'Connell, Andre Obligado, Antonia Perreira – NYSDEC
Scarlett McLaughlin, Angela Martin – NYSDOH
Steve Humphreys – Kelly Drye & Warren LLP
Ernest Hanna – GZA GeoEnvironmental of New York
Bhuvnesh Parekh – Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

NEW YORK STATE | Department of Environmental Conservation

KATHY HOCHUL
Governor

AMANDA LEFTON
Acting Commissioner

March 19, 2025

Erin Pawlish
Standard Motor Products Inc
37-18 Northern Blvd
Long Island City NY 11101

Re: Standard Motor Products, Inc.
Site ID 241016, Queens County
2023 IRM Periodic Review Report (PRR) Acceptance

Dear Ms. Pawlish:

The New York State Department of Environmental Conservation (NYSDEC), in consultation with the New York State Department of Health (NYSDOH), has reviewed the 2023 IRM PRR dated December 30, 2024 and IC/EC Certification for following period: December 2022 to December 2023.

The NYSDEC hereby accepts the 2023 IRM PRR, and associated Certification. The frequency of the reports for this site is 1 year, your next PRR is due on December 31, 2025.

If you have any questions, or need additional forms, please contact me at 718-482-7541 or e-mail: wendi.zheng@dec.ny.gov.

Sincerely,
Wendi Zheng
Wendi Zheng
Project Manager

ec: Jane O'Connell, Andre Obligado, Antonia Perreira – NYSDEC
Scarlett McLaughlin, Angela Martin – NYSDOH
Steve Humphreys – Kelly Drye & Warren LLP
Gerald Nicholls, Bhuvnesh Parekh – Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 2
47-40 21st Street, Long Island City, NY 11101
P: (718) 482-4995
www.dec.ny.gov

July 26, 2024

Erin Pawlish
Standard Motor Products Inc
37-18 Northern Blvd
Long Island City NY 11101

Re: Standard Motor Products, Inc.
Site ID 241016, Queens County
Emerging Contaminant Sampling

Dear Ms. Pawlish:

At the request of the New York State Department of Environmental Conservation (NYSDEC), GZA collected groundwater samples from 7 monitoring wells on February 16, 2020 and March 30, 2020 and analyzed them for 1,4-dioxane and per- and polyfluoroalkyl substances (PFAS). Based upon NYSDEC's review of the sample results, PFOA and PFAS were detected in samples at concentrations above both the Maximum Contaminant Limit (MCL) and NYSDEC Ambient Water Quality Standards and Guidance Values (AWQSGV) in monitoring wells MW-19 and MW-10.

As such, NYSDEC recommends including PFAS analysis on an annual basis as part of the periodic groundwater sampling program in accordance with the NYSDEC's *Sampling, Analysis, and Assessment of PFAS* guidance (April 2023). This analysis should also be reflected in the final Site Management Plan.

Should you have any questions regarding this letter or any other aspect of the project, please contact me at 718-482-7541 or wendi.zheng@dec.ny.gov.

Sincerely,
Wendi Zheng
Wendi Zheng
Project Manager

ec: Jane O'Connell, Andre Obligado, Antonia Pereira – NYSDEC
Scarlett McLaughlin, Angela Martin – NYSDOH
Steve Humphreys – Kelly Drye & Warren LLP
Ernest Hanna, Bhuvnesh Parekh – GZA GeoEnvironmental of New York

NEW YORK STATE | Department of Environmental Conservation

APPENDIX B SAMPLING SHEETS

SOIL VAPOR SAMPLING LOG

GZA Engineer:	P. McDonnel & M. Nichols	Contractor/Lab:	Alpha Analytical	Page	1 of 1
Project Name:	MP 37-18 Northern Blvd; LIC NY	Analytic Method:	TO-15	Date:	2/16/24
PM:	Parekh			File No.	12.0076761.20
Weather:	30's, sunny	PID:	MiniRae 3000 lamp: 10.6 eV		
Barometric Press.		Calibration:	(start) (finish)		
Previous Weather:					

Sample ID	Sample Depth (ft)	Surface Cover	Driving Effort	PID Reading (ppm)	Purge Time		He in Tedlar Bag	He in Shroud		Sample Date- Start	Sample Time- Start	Vacuum Pressure- Start	Sample Time- End	Vaccuum Pressure- Stop	Canister ID	Flow Controller ID	Sample Flow Rate (l/min)
					Purge Start	Purge Stop											
SMP-SG-1		ASP		0.0	10:38	10:40	0.0			2/16/24	10:46	-29.93	12:46	-0.16	2648	0320	
SMP-SG-2		ASP		0.0	11:06	11:08	0.0			2/16/24	11:13	-30.14	13:13	-3.35	970	01161	
SMP-SG-3		ASP		0.0	11:25	11:27	0.0			2/16/24	11:31	-30.55	13:31	-0.21	2845	0257	
SMP-SG-4		ASP		0.0	11:41	11:43	0.0			2/16/24	11:45	-30.71	13:45	-0.63	2976	01544	
SMP-SG-5		ASP		0.0	11:57	11:59	0.0			2/16/24	12:01	-30.22	14:01	-29.59	3389	01136	
SMP-SG-6		ASP		0.0	12:44	12:46	0.0			2/16/24	12:50	-30.20	14:50	-29.55	2572	01032	
SMP-SG-7		ASP		0.0	12:12	12:14	0.0			2/16/24	12:16	-30.20	14:16	-5.26	622	01112	
SMP-SG-8		ASP		0.0	12:31	12:33	0.0			2/16/24	12:35	-30.12	14:35	-5.26	2925	01132	
DUP (SG-1)		ASP		0.0	-	-	-	-		2/16/24	12:53	-29.92	14:53	-3.29	3609	02128	

ABBREVIATIONS

CONTAINER TYPE	SURFACE COVER	PROBE DRIVING EFFORT
TB- Tedlar Bag	G/L- Grass/Loam	E- Easy
SC- Suma Canister	Asph- Asphalt	M- Moderate
ST- Sorbant Tube	Cncrt- Concrete	D- Difficult
Other:	Other: VFT - Vinyl Floor Tile	Other:

* Reinstall point

** Abandon previous point, seal and redrill new

SOIL VAPOR SAMPLING LOG

GZA Engineer:	Dayann Vindas	Contractor/Lab:	Alpha Analytical		Page 1 of 1
Project Name:	37-18 Northern Blvd; LIC NY	Analytic Method:	TO-15		Date: 5-8-2024
PM:	Parekh				File No. 12.0076761.20
Weather:	80's, sunny	PID:	MiniRae 3000	lamp: 10.6 eV	
Barometric Press.		Calibration:	(start)	(finish)	
Previous Weather:					

Sample ID	Sample Depth (ft)	Surface Cover	Driving Effort	PID Reading (ppm)	Purge Time		He in Tedlar Bag	He in Shroud		Sample Date- Start	Sample Time- Start	Vacuum Pressure- Start	Sample Time- End	Vaccuum Pressure- Stop	Canister ID	Flow Controller ID	Sample Flow Rate (l/min)
					Purge Start	Purge Stop											
SMP-SG-1		ASP		0.0	12:30	12:35	375	72%		5-8-24	12:39	-29.87	14:59	-3.59	2945	02262	
SMP-SG-2		ASP		0.0	12:45	12:50	4000	70%		5-8-24	12:58	-30.75	15:15	-5.80	1827	01557	
SMP-SG-3		ASP		0.0	13:10	13:15	5600	70%		5-8-24	13:20	-30.29	15:20	-4.51	2671	0753	
SMP-SG-4		ASP		0.0	13:30	13:35	0	70%		5-8-24	13:38	-30.12	16:04	-4.06	3292	0324	
SMP-SG-5		ASP		0.0	13:48	13:53	0	70%		5-8-24	14:01	-29.85	16:33	-6.64	2843	02161	
SMP-SG-6		ASP		0.0	14:09	14:14	3000	70%		5-8-24	14:24	-29.92	16:47	-6.99	2781	02238	
SMP-SG-7		ASP		0.0	14:32	14:37	0	70%		5-8-24	14:42	-30.10	16:50	-4.19	936	01523	
SMP-SG-8		ASP		0.0	14:46	14:51	0	70%		5-8-24	14:57	-29.07	17:07	-4.42	787	01798	
DUP (SG-1)		ASP		0.0	-	-	-	-		5-8-24	15:02	-30.60	17:17	-5.66	2449	02139	

ABBREVIATIONS

CONTAINER TYPE	SURFACE COVER	PROBE DRIVING EFFORT
TB- Tedlar Bag	G/L- Grass/Loam	E- Easy
SC- Suma Canister	Asph- Asphalt	M- Moderate
ST- Sorbant Tube	Cncrt- Concrete	D- Difficult
Other:	Other: VFT - Vinyl Floor Tile	Other:

Remarks:

* Reinstall point

** Abandon previous point, seal and redrill new

SOIL VAPOR SAMPLE FIELD LOG

GZA GEOENVIRONMENTAL INC.
Engineers and Scientists

PROJECT

Project Name: SMP 37-18 Northern Blvd; LIC NY
Location:

Date: 8/28/2024 Page 1 of 1
File No.
PM Parekh

GZA Engineer:
Weather:
Barometric Press.
Previous Weather:

Contractor/Lab: Alpha Analytical
Analytic Method: TO-15
Operator:
OVA/OVM: lamp:
Calibration: (start) (finish)

(To be completed at office)
Depth to Water:
Ground Elevation:
Water Elevation:

Soil vapor probe to be installed > 1' above water table

Sample ID	Sample Depth (ft)	Surface Cover	Driving Effort	O&M Reading (ppm)	Purge Time			Purge Flow Rate (l/min)	Purge Flow Volume (rate x time)	He in Purge	Container Type	Sample Date-Start	Sample Time-Start	Vacuum Pressure-Start (in. Hg)	Sample Flow Rate (l/min)	Sample Date-End	Sample Time- End	Vaccuum Pressure-Final (in. Hg)	Canister No.	Flow Controller No.	Remark No.
					Purge Start	Purge Stop	Elapsed Time														
SG-1		Asph		0	8:18	8:20	2	0.20		0	Suma	8/28/2024	8:42	-29.80		8/28/2024	10:42	-3.53	942	01962	
SG-2		Asph		0	8:50	8:52	2	0.21		0	Suma	8/28/2024	9:11	-30.37		8/28/2024	11:11	-5.89	3883	0927	
SG-3		Asph		0	9:22	9:24	2	0.194		0	Suma	8/28/2024	9:27	-30.39		8/28/2024	11:27	-5.92	1658	1012	
SG-4		Asph		0	9:35	9:37	2	0.190		0	Suma	8/28/2024	9:42	-30.61		8/28/2024	11:42	-0.90	2650	01132	
SG-5		Asph		0	10:04	10:06	2	0.190		475	Suma	8/28/2024	10:19	-30.34		8/28/2024	12:19	-5.53	900	01160	
SG-6		Asph		0	10:56	10:58	2	0.200		0	Suma	8/28/2024	11:08	-30.18		8/28/2024	13:08	-4.45	2779	01616	
SG-7		Asph		0	9:48	9:50	2	0.188		205	Suma	8/28/2024	9:55	-30.21		8/28/2024	11:55	-5.70	3397	01766	
SG-8		Asph		0	10:33	10:35	2	0.190		0	Suma	8/28/2024	10:43	-30.37		8/28/2024	12:43	-5.15	2947	01451	
DUP		Asph		0							Suma	8/28/2024	10:51	-30.93		8/28/2024	12:51	-4.77	3345	01439	

REMARKS:

ABBREVIATIONS

CONTAINER TYPE	SURFACE COVER	PROBE DRIVING EFFORT
TB- Tedlar Bag SC- Suma Canister ST- Sorbant Tube	G/L- Grass/Loam Asph- Asphalt Cncrt- Concrete	E- Easy M- Moderate D- Difficult R- Refusal
Other:	Other:	Other:

SOIL VAPOR SAMPLE FIELD LOG

GZA GEOENVIRONMENTAL INC.
Engineers and Scientists

PROJECT

Project Name: MP 37-18 Northern Blvd; LIC NY
Location:

Date: 11-4-2024 Page 1 of 1
File No.
PM Parekh

GZA Engineer:
Weather:
Barometric Pres: 30.27
Previous Weather:

Contractor/Lab: Alpha Analytical
Analytic Method: TO-15
Operator:
OVA/OVM: lamp:
Calibration: (start) (finish)

(To be completed at office)
Depth to Water:
Ground Elevation:
Water Elevation:

Soil vapor probe to be installed > 1' above water table

Sample ID	Sample Depth (ft)	Surface Cover	Driving Effort	OVM Reading (ppm)	Purge Time			Purge Flow Rate (l/min)	Purge Flow Volume (rate x time)	He in Purge	Container Type	Sample Date- Start	Sample Time- Start	Vacuum Pressure- Start (in. Hg)	Sample Flow Rate (l/min)	Sample Date- End	Sample Time- End	Vacuum Pressure- Final	Canister No.	Flow Controller No.	Remark No.
					Purge Start	Purge Stop	Elapsed Time														
SMP-SG-1		Asph		0								11/5/2024	10:22	-30.46		11/5/2024	12:22	6.9	3599	1532	
SMP-SG-2		Asph		0									10:12	-30.56			12:12	-5.16	2719	625	
SMP-SG-3		Asph		0									10:05	-30.51			12:05	-4.80	3581	1529	
SMP-SG-4		Asph		0									9:55	-30.20			11:55	-4.21	1941	2128	
SMP-SG-5		Asph		18.7									9:40	-30.49			11:40	-4.78	2617	346	
SMP-SG-6		Asph		357									8:54	-30.31			10:54	-5.55	2903	1616	
SMP-SG-7		Asph		0									9:47	-30.44			11:47	4.01	2771	1715	
SMP-SG-8		Asph		3.3									9:16	-30.23			11:16	-6.19	1806	2353	
DUP (SG-6)		Asph		357									9:09	30.68			11:09	-6.73	1978	1005	

REMARKS:

ABBREVIATIONS

CONTAINER TYPE	SURFACE COVER	PROBE DRIVING EFFORT
TB- Tedlar Bag	G/L- Grass/Loam	E- Easy
SC- Suma Canister	Asph- Asphalt	M- Moderate
ST- Sorbant Tube	Cncrt- Concrete	D- Difficult
		R- Refusal
Other:	Other:	Other:

Low Flow Monitoring Well Purge Form

Well Number: MW-10
State Permit No.:
Project Name: Standard Motor Products
Project Number: 12.0076761.20
Sampling Date: 2/15/2024
Weather: 30's F, sunny
Sampled By: M. Nichols

Well Information

Well Type: __X__ **Monitor** ____ **Other:**_____
Well Construction: __X___**PVC** _____**Steel** _____**Other:**_____
Well Diameter (in): 4
Well Screened interval: __5__ **to** __15__ **feet below TIC**
Water Level (ft below TIC): 4.30
PID Headspace Reading (ppm) 4.3
Well Depth (ft below TIC): 17.50
Product Level-if present (ft below TIC) NE
Well Notes (Odor, well condition, etc.):

Purging Information

Purge Method: __X__**Low Flow** ___**Other:**_____ **Pump Start Time:** 12:35
Pump: __X__ **Submersible Pump (2-inch)** ___**Peristaltic** ___**Other:**_____
Pump intake depth (ft below TIC): 13.5 **Purge water discharged to:** __X_**Ground** ___**Drum** ___**Other:**_____
Tubing: ____**Polyethylene** __X__**Teflon-line** ____**Other:**_____ / __X__**New** ____**Dedicated**

Time (HH:MM)	Temp (°C)	pH (S.U.)	D.O. (mg/L)	Cond. (mS/cm)	ORP (mV)	Turbidity (NTU)	Rate (mL/min)	DTW (ft)	_____	Notes
12:38	13.45	2.05	2.34	2.854	-149.2	323	300	4.36		
12:43	13.25	2.14	2.24	2.740	-133.7	215	200	4.35		
12:48	13.1	2.45	2.11	2.68	-127.9	115	200	4.40		
12:53	13.12	1.90	2.49	2.625	-125.9	85.8	200	4.40		
12:58	13.07	2.64	2.11	2.584	-124.7	80.2	200	4.40		
13:03	13.06	3.55	3.78	2.554	-123.8	74.8	200	4.40		
13:08	13.06	4.02	4.55	2.507	-123.0	71.4	200	4.40		
13:13	13.04	4.47	5.06	2.461	-122.3	70.2	200	4.40		
13:18	13.06	4.77	5.02	2.423	-121.7	65.7	200	4.40		
13:23	13.05	4.58	5.77	2.387	-121.3	65.3	200	4.40		
13:28	13.04	4.83	5.61	2.351	-121.0	63.2	200	4.40		
13:33	12.97	4.80	5.69	2.315	-120.5	62.0	200	4.40		
13:38	12.98	4.72	5.57	2.273	-120.2	61.9	200	4.40		
14:05	12.41	5.8	2.59	2.153	-116	77.6	200	4.4		**POST-SAMPLING MEASUREMENTS**

Total Volume Purged (gal): ~4.0 **Water Quality Meter(s):** YSI 600XLM + Hach 2100Q

INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: +/- 0.1 for pH; +/-3% for Specific Conductivity and Temperature; +/-10 mV for Redox Potential; +/-10% for turbidity values greater than 1 NTU; +/-10% for Dissolved Oxygen.

Sample Information

Groundwater Sample Field ID: MW-10
Sampling Time: 13:40 **Sampling End Time:** 14:05
Sampling Method: __X__**Same as Above** ____**Other:**_____
Duplicate Sample Collected? ____**Yes** __X__**No** **DUP ID:** **Sampling Time:**
Sampling Observations: Clear, colorless, slight petroleum odor, no sheen.

*Type of Analysis performed and Department Sanctioned Analytical Methods (DSAMs) used for calibration and sample analysis:
Specific Conductance - SM 2510 B-11; pH - SM 4500-H B-11; Turbidity - SM 2130 B-11; Dissolved Oxygen - SM 4500-O G-16; Temperature - SM 2550 B-10

Low Flow Monitoring Well Purge Form

Well Number: MW-11S
State Permit No.:
Project Name: Standard Motor Products
Project Number: 12.0076761.20
Sampling Date: 2/15/2024
Weather: 30's F, sunny
Sampled By: J. Restaino

Well Information

Well Type: __X__ **Monitor** ____ **Other:**_____
Well Diameter (in): 4
Water Level (ft below TIC): 3.82
Well Depth (ft below TIC): 19.20
Well Construction: __X___**PVC** _____**Steel** _____**Other:**_____
Well Screened interval: __5__ **to** __15__ **feet below TIC**
PID Headspace Reading (ppm) 0.0
Product Level-if present (ft below TIC) NE
Well Notes (Odor, well condition, etc.):

Purging Information

Purge Method: __X__**Low Flow** ___**Other:**_____ **Pump Start Time:** 13:45
Pump: __X__ **Submersible Pump (2-inch)** ___**Peristaltic** ___**Other:**_____
Pump intake depth (ft below TIC): 13.5 **Purge water discharged to:** __X_**Ground** ___**Drum** ___**Other:**_____
Tubing: ____**Polyethylene** __X__**Teflon-line** ____**Other:**_____ / __X__**New** ____**Dedicated**

Time (HH:MM)	Temp (°C)	pH (S.U.)	D.O. (mg/L)	Cond. (mS/cm)	ORP (mV)	Turbidity (NTU)	Rate (mL/min)	DTW (ft)	_____	Notes
13:48	14.07	7.06	4.43	1.201	69.1	30.60	180	3.82		
13:52	14.82	6.81	2.42	1.284	67.4	11.10	180	3.82		
13:58	14.99	6.75	2.08	1.311	66.5	7.85	180	3.83		
14:03	15.02	6.72	1.95	1.318	65.4	5.77	180	3.83		
14:08	15.05	6.70	2.05	1.329	60.6	5.49	180	3.84		
14:25	14.71	6.2	2.37	1.353	64.8	7.88	180	3.85		**POST-SAMPLING MEASUREMENTS**

Total Volume Purged (gal): ~1.25 **Water Quality Meter(s):** YSI 600XLM + Hach 2100Q

INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: +/- 0.1 for pH; +/-3% for Specific Conductivity and Temperature; +/-10 mV for Redox Potential; +/-10% for turbidity values greater than 1 NTU; +/-10% for Dissolved Oxygen.

Sample Information

Groundwater Sample Field ID: MW-11S
Sampling Time: 14:12 **Sampling End Time:** 14:25
Sampling Method: __X__**Same as Above** ____**Other:**_____
Duplicate Sample Collected? ____**Yes** __x__**No** **DUP ID:** DUP **Sampling Time:** 13:35
Sampling Observations: colorless, clear, no odor, no sheen.

*Type of Analysis performed and Department Sanctioned Analytical Methods (DSAMs) used for calibration and sample analysis:
Specific Conductance - SM 2510 B-11; pH - SM 4500-H B-11; Turbidity - SM 2130 B-11; Dissolved Oxygen - SM 4500-O G-16; Temperature - SM 2550 B-10

Low Flow Monitoring Well Purge Form

Well Number: MW-16
State Permit No.:
Project Name: Standard Motor Products
Project Number: 12.0076761.20
Sampling Date: 2/15/2024
Weather: 30's F, sunny
Sampled By: J. Restaino

Well Information

Well Type: __X__ **Monitor** ____ **Other:**_____
Well Construction: __X___**PVC** _____**Steel** _____**Other:**_____
Well Diameter (in): 2
Well Screened interval: __5__ **to** __15__ **feet below TIC**
Water Level (ft below TIC): 3.39
PID Headspace Reading (ppm) 0.0
Well Depth (ft below TIC): 20.0
Product Level-if present (ft below TIC) NE
Well Notes (Odor, well condition, etc.):

Purging Information

Purge Method: __X__**Low Flow** ___**Other:**_____ **Pump Start Time:** 11:59
Pump: __X__ **Submersible Pump (2-inch)** ___**Peristaltic** ___**Other:**_____
Pump intake depth (ft below TIC): 13.5 **Purge water discharged to:** __X_**Ground** ___**Drum** ___**Other:**_____
Tubing: ____**Polyethylene** __X__**Teflon-line** ____**Other:**_____ / __X__**New** ____**Dedicated**

Time (HH:MM)	Temp (°C)	pH (S.U.)	D.O. (mg/L)	Cond. (mS/cm)	ORP (mV)	Turbidity (NTU)	Rate (mL/min)	DTW (ft)	_____	Notes
12:04	15.74	6.75	2.11	1.495	-44.6	>1000	175	3.39		Orange colored groundwater
12:09	16.16	6.83	2.44	1.415	-98.3	>1000	175	3.39		
12:14	15.76	6.96	2.89	1.424	-107.6	972	175	3.42		
12:19	14.79	7.03	2.85	1.413	-102.1	509	175	3.41		
12:24	15.27	7.03	2.30	1.402	-104.5	358	175	3.41		
12:29	15.25	7.02	2.32	1.403	-107.7	238	175	3.41		
12:34	15.24	7.01	2.31	1.401	-109.3	190	175	3.41		
12:39	15.31	7.01	2.29	1.402	-111.8	155	175	3.42		
12:44	15.44	7.01	2.36	1.398	-113.2	177	175	3.42		
12:49	15.32	6.90	1.93	1.401	-114.8	190	175	3.42		
12:54	15.4	6.96	1.78	1.399	-115.0	185	175	3.42		
12:59	15.41	6.99	1.71	1.387	115.3	179	175	3.42		
13:24	15.05	7.08	7.02	1.396	-74.9	292	175	3.43		**POST-SAMPLING MEASUREMENTS**

Total Volume Purged (gal): ~2.0 **Water Quality Meter(s):** YSI 600XLM + Hach 2100Q

INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: +/- 0.1 for pH; +/-3% for Specific Conductivity and Temperature; +/-10 mV for Redox Potential; +/-10% for turbidity values greater than 1 NTU; +/-10% for Dissolved Oxygen.

Sample Information

Groundwater Sample Field ID: MW-16
Sampling Time: 13:10 **Sampling End Time:** 13:23
Sampling Method: __X__**Same as Above** ____**Other:**_____
Duplicate Sample Collected? ____**Yes** ___X_**No** **DUP ID:** **Sampling Time:**
Sampling Observations: Cloudy, no odor, no sheen.

*Type of Analysis performed and Department Sanctioned Analytical Methods (DSAMs) used for calibration and sample analysis:
Specific Conductance - SM 2510 B-11; pH - SM 4500-H B-11; Turbidity - SM 2130 B-11; Dissolved Oxygen - SM 4500-O G-16; Temperature - SM 2550 B-10

Low Flow Monitoring Well Purge Form

Well Number: MW-17
State Permit No.:
Project Name: Standard Motor Products
Project Number: 12.0076761.20
Sampling Date: 2/15/2024
Weather: 30's F, sunny
Sampled By: J. Restaino

Well Information

Well Type: __X__ **Monitor** ____ **Other:**_____
Well Construction: __X___**PVC** _____**Steel** _____**Other:**_____
Well Diameter (in): 2
Well Screened interval: __3__ **to** __13__ **feet below TIC**
Water Level (ft below TIC): 4.06
PID Headspace Reading (ppm) 0.0
Well Depth (ft below TIC): 14.50
Product Level-if present (ft below TIC) NE
Well Notes (Odor, well condition, etc.):

Purging Information

Purge Method: __X__**Low Flow** ___**Other:**_____ **Pump Start Time:** 15:50
Pump: __X__ **Submersible Pump (2-inch)** ___**Peristaltic** ___**Other:**_____
Pump intake depth (ft below TIC): 10.0 **Purge water discharged to:** __X_**Ground** ___**Drum** ___**Other:**_____
Tubing: ____**Polyethylene** __X__**Teflon-line** ____**Other:**_____ / __X__**New** ____**Dedicated**

Time (HH:MM)	Temp (°C)	pH (S.U.)	D.O. (mg/L)	Cond. (mS/cm)	ORP (mV)	Turbidity (NTU)	Rate (mL/min)	DTW (ft)	_____	Notes
15:54	13.94	7.02	1.96	1.433	85.1	5.26	175	4.06		
15:59	14.18	6.81	0.58	1.433	77.5	2.79	175	4.07		
16:04	14.31	6.76	0.49	1.446	69.7	1.47	175	4.07		
16:09	14.42	6.77	0.39	1.448	63.8	1.62	175	4.08		
16:14	14.43	6.75	0.32	1.449	59.8	1.55	175	4.09		
16:31	14:42	0.76	0.37	1.442	58.8	2.72	175	4.11		**POST-SAMPLING MEASUREMENTS**

Total Volume Purged (gal): ~1 **Water Quality Meter(s):** YSI 600XLM + Hach 2100Q

INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: +/- 0.1 for pH; +/-3% for Specific Conductivity and Temperature; +/-10 mV for Redox Potential; +/-10% for turbidity values greater than 1 NTU; +/-10% for Dissolved Oxygen.

Sample Information

Groundwater Sample Field ID: MW-17
Sampling Time: 16:18 **Sampling End Time:** 16:31
Sampling Method: __X__**Same as Above** ____**Other:**_____
Duplicate Sample Collected? ____**Yes** __X__**No** **DUP ID:** **Sampling Time:**
Sampling Observations: Colorless, clear, no odor, no sheen.

*Type of Analysis performed and Department Sanctioned Analytical Methods (DSAMs) used for calibration and sample analysis:
Specific Conductance - SM 2510 B-11; pH - SM 4500-H B-11; Turbidity - SM 2130 B-11; Dissolved Oxygen - SM 4500-O G-16; Temperature - SM 2550 B-10

Low Flow Monitoring Well Purge Form

Well Number: MW-18
State Permit No.:
Project Name: Standard Motor Products
Project Number: 12.0076761.20
Sampling Date: 2/15/2024
Weather: 30's F, sunny
Sampled By: J. Restaino

Well Information

Well Type: __X__ **Monitor** ____ **Other:**_____
Well Construction: __X___**PVC** _____**Steel** _____**Other:**_____
Well Diameter (in): 2
Well Screened interval: __3__ **to** __13__ **feet below TIC**
Water Level (ft below TIC): 4.13
PID Headspace Reading (ppm) 0.0
Well Depth (ft below TIC): 18.0
Product Level-if present (ft below TIC) NE
Well Notes (Odor, well condition, etc.):

Purging Information

Purge Method: __X__**Low Flow** ___**Other:**_____ **Pump Start Time:** 14:41
Pump: __X__ **Submersible Pump (2-inch)** ___**Peristaltic** ___**Other:**_____
Pump intake depth (ft below TIC): 12.0 **Purge water discharged to:** __X_**Ground** ___**Drum** ___**Other:**_____
Tubing: ____**Polyethylene** __X__**Teflon-line** ____**Other:**_____ / __X__**New** ____**Dedicated**

Time (HH:MM)	Temp (°C)	pH (S.U.)	D.O. (mg/L)	Cond. (mS/cm)	ORP (mV)	Turbidity (NTU)	Rate (mL/min)	DTW (ft)	_____	Notes
14:45	14.2	6.79	1.77	1.489	72.7	14.50	175	4.13		
14:50	14.89	6.78	0.84	1.499	70.1	8.87	175	4.13		
14:55	15.14	6.73	0.71	1.503	64.7	3.89	175	4.15		
15:00	15.23	6.73	0.64	1.501	59.8	3.58	175	4.15		
15:05	15.19	6.73	0.59	1.505	55.4	3.39	175	4.16		
15:30	12.6	6.76	1.01	1.484	68.6	3.86	175	4.17		**POST-SAMPLING MEASUREMENTS**

Total Volume Purged (gal): ~1.3 **Water Quality Meter(s):** YSI 600XLM + Hach 2100Q

INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: +/- 0.1 for pH; +/-3% for Specific Conductivity and Temperature; +/-10 mV for Redox Potential; +/-10% for turbidity values greater than 1 NTU; +/-10% for Dissolved Oxygen.

Sample Information

Groundwater Sample Field ID: MW-18
Sampling Time: 15:15 **Sampling End Time:** 15:30
Sampling Method: __X__**Same as Above** ____**Other:**_____
Duplicate Sample Collected? ____**Yes** __X__**No** **DUP ID:** **Sampling Time:**
Sampling Observations: Colorless, clear, no odor, no sheen.

*Type of Analysis performed and Department Sanctioned Analytical Methods (DSAMs) used for calibration and sample analysis:
Specific Conductance - SM 2510 B-11; pH - SM 4500-H B-11; Turbidity - SM 2130 B-11; Dissolved Oxygen - SM 4500-O G-16; Temperature - SM 2550 B-10

Low Flow Monitoring Well Purge Form

Well Number: MW-19
State Permit No.:
Project Name: Standard Motor Products
Project Number: 12.0076761.20
Sampling Date: 2/15/2024
Weather: 30's F, sunny
Sampled By: M. Nichols

Well Information

Well Type: __X__ **Monitor** ____ **Other:**_____
Well Construction: __X___**PVC** _____**Steel** _____**Other:**_____
Well Diameter (in): 2
Well Screened interval: __5__ **to** __15__ **feet below TIC**
Water Level (ft below TIC): 3.85
PID Headspace Reading (ppm) 0.0
Well Depth (ft below TIC): 14.50
Product Level-if present (ft below TIC) NE
Well Notes (Odor, well condition, etc.):

Purging Information

Purge Method: __X__**Low Flow** ___**Other:**_____ **Pump Start Time:** 16:40
Pump: __X__ **Submersible Pump (2-inch)** ___**Peristaltic** ___**Other:**_____
Pump intake depth (ft below TIC): 11.0 **Purge water discharged to:** __X_**Ground** ___**Drum** ___**Other:**_____
Tubing: ____**Polyethylene** __X__**Teflon-line** ____**Other:**_____ / __X__**New** ____**Dedicated**

Time (HH:MM)	Temp (°C)	pH (S.U.)	D.O. (mg/L)	Cond. (mS/cm)	ORP (mV)	Turbidity (NTU)	Rate (mL/min)	DTW (ft)	_____	Notes
16:50	11.37	1.40	3.92	1.177	64.5	79.7	150	2.60		
16:55	12.5	3.52	4.01	1.174	69.4	83.9	150	2.70		
17:00	12.51	4.55	3.89	1.174	72.8	98.6	150	2.70		
17:05	13.07	4.87	3.79	1.177	74.9	117	150	2.70		
17:10	13.29	5.63	3.60	1.177	78.1	122	150	2.70		
17:15	13.33	5.73	3.60	1.175	81.9	108	150	2.70		
17:20	13.40	5.91	3.50	1.176	83.7	120	150	2.70		
17:25	13.47	6.02	3.45	1.173	84.3	125	150	2.70		
17:30	13.45	6.03	3.49	1.173	84.7	122	150	2.70		
18:03	11.68	6.2	2.98	1.155	97.8	133	150	2.7		**POST-SAMPLING MEASUREMENTS**

Total Volume Purged (gal): ~5.0 **Water Quality Meter(s):** YSI 600XLM + Hach 2100Q

INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: +/- 0.1 for pH; +/-3% for Specific Conductivity and Temperature; +/-10 mV for Redox Potential; +/-10% for turbidity values greater than 1 NTU; +/-10% for Dissolved Oxygen.

Sample Information

Groundwater Sample Field ID: MW-19
Sampling Time: 17:32 **Sampling End Time:** 17:52
Sampling Method: __X__**Same as Above** ____**Other:**_____
Duplicate Sample Collected? __X__**Yes** ____**No** **DUP ID:** SMP-DUP **Sampling Time:** 17:53-18:03

Sampling Observations: colorless, slightly cloudy, no odor, no sheen.

*Type of Analysis performed and Department Sanctioned Analytical Methods (DSAMs) used for calibration and sample analysis:
Specific Conductance - SM 2510 B-11; pH - SM 4500-H B-11; Turbidity - SM 2130 B-11; Dissolved Oxygen - SM 4500-O G-16; Temperature - SM 2550 B-10

Low Flow Monitoring Well Purge Form

Well Number: MW-20
State Permit No.:
Project Name: Standard Motor Products
Project Number: 12.0076761.20
Sampling Date: 2/15/2024
Weather: 30's F, sunny
Sampled By: M. Nichols

Well Information

Well Type: __X__ **Monitor** ____ **Other:**_____
Well Construction: __X___**PVC** _____**Steel** _____**Other:**_____
Well Diameter (in): 2
Well Screened interval: __5__ **to** __15__ **feet below TIC**
Water Level (ft below TIC): 4.30
PID Headspace Reading (ppm) 0
Well Depth (ft below TIC): 14.50
Product Level-if present (ft below TIC) NE
Well Notes (Odor, well condition, etc.):

Purging Information

Purge Method: __X__**Low Flow** ___**Other:**_____ **Pump Start Time:** 14:38
Pump: __X__ **Submersible Pump (2-inch)** ___**Peristaltic** ___**Other:**_____
Pump intake depth (ft below TIC): 11.5 **Purge water discharged to:** __X_**Ground** ___**Drum** ___**Other:**_____
Tubing: ____**Polyethylene** __X__**Teflon-line** ____**Other:**_____ / __X__**New** ____**Dedicated**

Time (HH:MM)	Temp (°C)	pH (S.U.)	D.O. (mg/L)	Cond. (mS/cm)	ORP (mV)	Turbidity (NTU)	Rate (mL/min)	DTW (ft)	_____	Notes
14:41	14.58	5.02	1.14	1.333	-26.9	371	350	4.00		
14:46	13.73	4.57	0.70	1.348	-29.1	216	150	4.30		
14:51	12.74	4.06	0.68	1.353	-25.4	128	150	4.30		
14:56	12.73	4.18	0.63	1.346	-23.4	67.1	150	4.30		
15:01	13.48	4.73	0.44	1.353	-19.6	23.1	150	4.30		
15:06	13.54	4.74	0.44	1.353	-19.6	19.7	150	4.30		
15:11	13.6	4.73	0.37	1.354	-19.9	17.4	150	4.30		
15:16	13.63	4.73	0.32	1.356	-19.6	12.9	150	4.30		
15:21	13.63	4.73	0.31	1.356	-18.9	9.62	150	4.30		
15:26	13.56	4.70	0.32	1.355	-18.1	8.41	150	4.30		
15:31	13.3	4.52	0.30	13.57	-16.7	9.45	150	4.30		
16:00	15.04	5.04	0.23	1.341	-3.7	9.5	150	4.3		**POST-SAMPLING MEASUREMENTS**

Total Volume Purged (gal): ~1.5 **Water Quality Meter(s):** YSI 600XLM + Hach 2100Q

INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: +/- 0.1 for pH; +/-3% for Specific Conductivity and Temperature; +/-10 mV for Redox Potential; +/-10% for turbidity values greater than 1 NTU; +/-10% for Dissolved Oxygen.

Sample Information

Groundwater Sample Field ID: MW-20
Sampling Time: 15:40 **Sampling End Time:** 16:00
Sampling Method: __X__**Same as Above** ____**Other:**_____
Duplicate Sample Collected? ____**Yes** __X__**No** **DUP ID:** **Sampling Time:**
Sampling Observations: Colorless, clear, no odor or sheen.

*Type of Analysis performed and Department Sanctioned Analytical Methods (DSAMs) used for calibration and sample analysis:
Specific Conductance - SM 2510 B-11; pH - SM 4500-H B-11; Turbidity - SM 2130 B-11; Dissolved Oxygen - SM 4500-O G-16; Temperature - SM 2550 B-10

Low Flow Monitoring Well Purge Form

Well Number: MW-10
State Permit No.:
Project Name: Standard Motor Products
Project Number: 12.0076761.20
Sampling Date: 5/7/2024
Weather: 80's F, sunny
Sampled By: D. Vindas

Well Information

Well Type: __X__ **Monitor** ____ **Other:**_____
Well Construction: __X___**PVC** _____**Steel** _____**Other:**_____
Well Diameter (in): 4
Well Screened interval: __5__ **to** __15__ **feet below TIC**
Water Level (ft below TIC): 4.32
PID Headspace Reading (ppm) 14.3
Well Depth (ft below TIC): 17.50
Product Level-if present (ft below TIC) NE
Well Notes (Odor, well condition, etc.): Petroleum like odor

Purging Information

Purge Method: __X__**Low Flow** ___**Other:**_____ **Pump Start Time:** 9:40
Pump: __X__ **Submersible Pump (2-inch)** ___**Peristaltic** ___**Other:**_____
Pump intake depth (ft below TIC): 13.5 **Purge water discharged to:** __X_**Ground** ___**Drum** ___**Other:**_____
Tubing: ____**Polyethylene** __X__**Teflon-line** ____**Other:**_____ / __X__**New** ____**Dedicated**

Time (HH:MM)	Temp (°C)	pH (S.U.)	D.O. (mg/L)	Cond. (mS/cm)	ORP (mV)	Turbidity (NTU)	Rate (mL/min)	DTW (ft)	_____	Notes
9:45	15.31	7.34	0.49	2.357	-115.1	23.0	175	4.36		
9:50	14.90	7.33	0.59	2.270	-123.6	17.0	175	4.52		
9:55	14.59	7.34	0.61	2.199	-123.5	13.2	125	4.52		
10:00	14.60	7.35	0.61	2.186	-111.1	9.65	125	4.52		
10:05	14.62	7.35	0.58	2.177	-104.4	8.48	125	4.53		
10:10	14.62	7.34	0.56	2.187	-107.5	8.23	125	4.53		
10:15	14.62	7.33	0.55	2.181	-107.6	7.86	125	4.53		
10:35	14.62	7.33	0.56	2.181	-107.6	7.86	125	4.53		**POST-SAMPLING MEASUREMENTS**

Total Volume Purged (gal): ~1.0 **Water Quality Meter(s):** YSI 650 MDS + Hach 2100Q

INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: +/- 0.1 for pH; +/-3% for Specific Conductivity and Temperature; +/-10 mV for Redox Potential; +/-10% for turbidity values greater than 1 NTU; +/-10% for Dissolved Oxygen.

Sample Information

Groundwater Sample Field ID: MW-10
Sampling Time: 10:20 **Sampling End Time:** 10:35
Sampling Method: __X__**Same as Above** ____**Other:**_____
Duplicate Sample Collected? ____**Yes** __X__**No** **DUP ID:** **Sampling Time:**
Sampling Observations:

*Type of Analysis performed and Department Sanctioned Analytical Methods (DSAMs) used for calibration and sample analysis:

Specific Conductance - SM 2510 B-11; pH - SM 4500-H B-11; Turbidity - SM 2130 B-11; Dissolved Oxygen - SM 4500-O G-16; Temperature - SM 2550 B-10

Low Flow Monitoring Well Purge Form

Well Number: MW-11S
State Permit No.:
Project Name: Standard Motor Products
Project Number: 12.0076761.20

Sampling Date: 5/7/2024
Weather: 80's F, sunny
Sampled By: D. Vindas

Well Information

Well Type: __X__ **Monitor** ____ **Other:**_____
Well Construction: __X___**PVC** _____**Steel** _____**Other:**_____
Well Diameter (in): 4
Well Screened interval: __5__ **to** __15__ **feet below TIC**
Water Level (ft below TIC): 3.74
PID Headspace Reading (ppm) 0.0
Well Depth (ft below TIC): 19.20
Product Level-if present (ft below TIC) NE
Well Notes (Odor, well condition, etc.):

Purging Information

Purge Method: __X__**Low Flow** ___**Other:**_____ **Pump Start Time:** 12:40
Pump: __X__ **Submersible Pump (2-inch)** ___**Peristaltic** ___**Other:**_____
Pump intake depth (ft below TIC): 13.5 **Purge water discharged to:** __X_**Ground** ___**Drum** ___**Other:**_____
Tubing: ____**Polyethylene** __X__**Teflon-line** ____**Other:**_____ / __X__**New** ____**Dedicated**

Time (HH:MM)	Temp (°C)	pH (S.U.)	D.O. (mg/L)	Cond. (mS/cm)	ORP (mV)	Turbidity (NTU)	Rate (mL/min)	DTW (ft)	_____	Notes
12:45	18.63	7.15	1.16	1.351	-15	4.86	125	3.86		
12:50	18.38	7.16	0.73	1.334	-80.4	4.73	125	3.86		
12:55	17.9	7.13	0.51	1.329	-69.8	4.28	125	3.86		
13:00	17.9	7.13	0.51	1.329	-69.8	3.98	125	3.86		
13:05	17.9	7.13	0.43	1.329	-70.4	3.33	125	3.86		
13:10	17.83	7.13	0.44	1.33	-70.4	3.27	125	3.86		
13:15	17.83	7.13	0.44	1.33	-70.4	3.20	125	3.86		
										POST-SAMPLING MEASUREMENTS

Total Volume Purged (gal): ~1.25 **Water Quality Meter(s):** YSI 650 MDS + Hach 2100Q

INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: +/- 0.1 for pH; +/-3% for Specific Conductivity and Temperature; +/-10 mV for Redox Potential; +/-10% for turbidity values greater than 1 NTU; +/-10% for Dissolved Oxygen.

Sample Information

Groundwater Sample Field ID: MW-11S
Sampling Time: 13:20 **Sampling End Time:** 13:35
Sampling Method: __X__**Same as Above** ____**Other:**_____
Duplicate Sample Collected? __X__**Yes** ____**No** **DUP ID:** DUP **Sampling Time:** 13:35
Sampling Observations:

*Type of Analysis performed and Department Sanctioned Analytical Methods (DSAMs) used for calibration and sample analysis:

Specific Conductance - SM 2510 B-11; pH - SM 4500-H B-11; Turbidity - SM 2130 B-11; Dissolved Oxygen - SM 4500-O G-16; Temperature - SM 2550 B-10

Low Flow Monitoring Well Purge Form

Well Number: MW-16
State Permit No.:
Project Name: Standard Motor Products
Project Number: 12.0076761.20

Sampling Date: 5/8/2024
Weather: 80's F, sunny
Sampled By: Mary Nichols

Well Information

Well Type: __X__ **Monitor** ____ **Other:**_____
Well Diameter (in): 2
Water Level (ft below TIC): 3.30
Well Depth (ft below TIC): 20.0
Well Notes (Odor, well condition, etc.):

Well Construction: __X___**PVC** _____**Steel** _____**Other:**_____
Well Screened interval: __5__ **to** __15__ **feet below TIC**
PID Headspace Reading (ppm) 0.0
Product Level-if present (ft below TIC) NE

Purging Information

Purge Method: __X__**Low Flow** ___**Other:**_____ **Pump Start Time:** 11:00
Pump: __X__ **Submersible Pump (2-inch)** ___**Peristaltic** ___**Other:**_____
Pump intake depth (ft below TIC): 13.5 **Purge water discharged to:** __X_**Ground** ___**Drum** ___**Other:**_____
Tubing: ____**Polyethylene** __X__**Teflon-line** ____**Other:**_____ / __X__**New** ____**Dedicated**

Time (HH:MM)	Temp (°C)	pH (S.U.)	D.O. (mg/L)	Cond. (mS/cm)	ORP (mV)	Turbidity (NTU)	Rate (mL/min)	DTW (ft)	_____	Notes
11:10	17.36	7.09	0.42	0.962	-57.3	>1000	125	3.30		Orange colored groundwater
11:15	17.29	7.07	0.55	0.938	-63.0	848.00	125	3.30		
11:20	17.30	7.12	0.55	0.933	-67.8	394.00	125	3.30		
11:25	17.23	7.17	0.48	0.929	-73.4	297.00	125	3.30		
11:30	17.27	7.2	0.44	0.927	-76.1	235.00	125	3.30		
11:35	17.32	7.21	0.40	0.925	-79.4	191.00	125	3.30		
11:40	17.54	7.23	0.39	0.924	-77.5	183	125	3.30		
11:45	17.66	7.23	0.40	0.924	-76.3	202	125	3.30		
11:50	17.83	7.25	0.41	0.922	-76.1	203	125	3.30		
11:55	17.63	7.26	0.38	0.923	-76.0	195	125	3.30		
12:00	17.46	7.25	0.38	0.922	-77.5	184	125	3.30		
12:05	17.47	7.25	0.38	0.922	-78.4	174	125	3.30		
12:10	17.48	7.25	0.37	0.922	-78.4	170	125	3.30		
12:15	17.50	7.25	0.36	0.922	-78.9	164	125	3.30		
12:55	17.61	7.28	0.34	0.92	-79.1	160	125	3.30		**POST-SAMPLING MEASUREMENTS**

Total Volume Purged (gal): ~1.5 **Water Quality Meter(s):** YSI 650 MDS + Hach 2100Q

INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: +/- 0.1 for pH; +/-3% for Specific Conductivity and Temperature; +/-10 mV for Redox Potential; +/-10% for turbidity values greater than 1 NTU; +/-10% for Dissolved Oxygen.

Sample Information

Groundwater Sample Field ID: MW-16
Sampling Time: 12:20 **Sampling End Time:** 12:55
Sampling Method: __X__**Same as Above** ____**Other:**_____
Duplicate Sample Collected? ____**Yes** ___X_**No** **DUP ID:** **Sampling Time:**
Sampling Observations:

*Type of Analysis performed and Department Sanctioned Analytical Methods (DSAMs) used for calibration and sample analysis:

Specific Conductance - SM 2510 B-11; pH - SM 4500-H B-11; Turbidity - SM 2130 B-11; Dissolved Oxygen - SM 4500-O G-16; Temperature - SM 2550 B-10

Low Flow Monitoring Well Purge Form

Well Number: MW-17
State Permit No.:
Project Name: Standard Motor Products
Project Number: 12.0076761.20

Sampling Date: 5/8/2024
Weather: 80's F, sunny
Sampled By: Mary Nichols

Well Information

Well Type: __X__ **Monitor** ____ **Other:**_____
Well Diameter (in): 2
Water Level (ft below TIC): 4.10
Well Depth (ft below TIC): 14.50
Well Notes (Odor, well condition, etc.):

Well Construction: __X___**PVC** _____**Steel** _____**Other:**_____
Well Screened interval: __3__ **to** __13__ **feet below TIC**
PID Headspace Reading (ppm) 0.0
Product Level-if present (ft below TIC) NE

Purging Information

Purge Method: __X__**Low Flow** ___**Other:**_____ **Pump Start Time:** 14:00
Pump: __X__ **Submersible Pump (2-inch)** ___**Peristaltic** ___**Other:**_____
Pump intake depth (ft below TIC): 10.0 **Purge water discharged to:** __X_**Ground** ___**Drum** ___**Other:**_____
Tubing: ____**Polyethylene** __X__**Teflon-line** ____**Other:**_____ / __X__**New** ____**Dedicated**

Time (HH:MM)	Temp (°C)	pH (S.U.)	D.O. (mg/L)	Cond. (mS/cm)	ORP (mV)	Turbidity (NTU)	Rate (mL/min)	DTW (ft)	_____	Notes
14:05	20.26	6.95	1.30	1.496	35.4	3.03	125	4.10		
14:10	19.30	6.97	0.92	1.484	67.5	2.33	125	4.10		
14:15	19.80	6.97	1.09	1.48	72.7	1.46	125	4.10		
14:20	19.80	7.05	0.98	1.475	69.3	1.21	125	4.10		
14:25	19.80	7.11	0.84	1.475	68.5	0.71	125	4.10		
14:30	19.80	7.10	0.72	1.471	64.9	0.69	125	4.10		
14:35	19.79	7.10	0.75	1.476	65.5	0.64	125	4.10		
15:00	19.8	7.09	0.76	1.471	67.2	1.93	125	4.1		**POST-SAMPLING MEASUREMENTS**

Total Volume Purged (gal): ~1 **Water Quality Meter(s):** YSI 650 MDS + Hach 2100Q

INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: +/- 0.1 for pH; +/-3% for Specific Conductivity and Temperature; +/-10 mV for Redox Potential; +/-10% for turbidity values greater than 1 NTU; +/-10% for Dissolved Oxygen.

Sample Information

Groundwater Sample Field ID: MW-17
Sampling Time: 14:40 **Sampling End Time:** 15:00
Sampling Method: __X__**Same as Above** ____**Other:**_____
Duplicate Sample Collected? ____**Yes** __X__**No** **DUP ID:** **Sampling Time:**
Sampling Observations:

*Type of Analysis performed and Department Sanctioned Analytical Methods (DSAMs) used for calibration and sample analysis:

Specific Conductance - SM 2510 B-11; pH - SM 4500-H B-11; Turbidity - SM 2130 B-11; Dissolved Oxygen - SM 4500-O G-16; Temperature - SM 2550 B-10

Low Flow Monitoring Well Purge Form

Well Number: MW-18
State Permit No.:
Project Name: Standard Motor Products
Project Number: 12.0076761.20
Sampling Date: 5/7/2024
Weather: 80's F, sunny
Sampled By: Mary Nichols

Well Information

Well Type: __X__ **Monitor** ____ **Other:**_____
Well Construction: __X___**PVC** _____**Steel** _____**Other:**_____
Well Diameter (in): 2
Well Screened interval: __3__ **to** __13__ **feet below TIC**
Water Level (ft below TIC): 4.15
PID Headspace Reading (ppm) 0.0
Well Depth (ft below TIC): 18.0
Product Level-if present (ft below TIC) NE
Well Notes (Odor, well condition, etc.):

Purging Information

Purge Method: __X__**Low Flow** ___**Other:**_____ **Pump Start Time:** 11:25
Pump: __X__ **Submersible Pump (2-inch)** ___**Peristaltic** ___**Other:**_____
Pump intake depth (ft below TIC): 12.0 **Purge water discharged to:** __X_**Ground** ___**Drum** ___**Other:**_____
Tubing: ____**Polyethylene** __X__**Teflon-line** ____**Other:**_____ / __X__**New** ____**Dedicated**

Time (HH:MM)	Temp (°C)	pH (S.U.)	D.O. (mg/L)	Cond. (mS/cm)	ORP (mV)	Turbidity (NTU)	Rate (mL/min)	DTW (ft)	_____	Notes
11:35	19.52	7.20	0.18	1.558	-15.4	5.24	125	4.20		
11:40	19.19	7.05	0.37	1.554	16.8	2.10	125	4.20		
11:45	19.00	7.04	0.35	1.550	31.9	3.47	125	4.20		
11:50	18.91	7.06	0.32	1.547	38.6	1.62	125	4.20		
11:55	18.88	7.07	0.30	1.540	43.5	1.69	125	4.20		
12:00	18.91	7.08	0.28	1.536	45.9	1.56	125	4.20		
12:05	18.88	7.08	0.27	1.533	45.9	1.58	125	4.20		
12:30	19.28	7.12	0.27	1.52	46.9	0.75	125	4.20		**POST-SAMPLING MEASUREMENTS**

Total Volume Purged (gal): ~1.5 **Water Quality Meter(s):** YSI 650 MDS + Hach 2100Q

INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: +/- 0.1 for pH; +/-3% for Specific Conductivity and Temperature; +/-10 mV for Redox Potential; +/-10% for turbidity values greater than 1 NTU; +/-10% for Dissolved Oxygen.

Sample Information

Groundwater Sample Field ID: MW-18
Sampling Time: 12:10 **Sampling End Time:** 12:30
Sampling Method: __X__**Same as Above** ____**Other:**_____
Duplicate Sample Collected? ____**Yes** __X__**No** **DUP ID:** **Sampling Time:**
Sampling Observations:

*Type of Analysis performed and Department Sanctioned Analytical Methods (DSAMs) used for calibration and sample analysis:

Specific Conductance - SM 2510 B-11; pH - SM 4500-H B-11; Turbidity - SM 2130 B-11; Dissolved Oxygen - SM 4500-O G-16; Temperature - SM 2550 B-10

Low Flow Monitoring Well Purge Form

Well Number: MW-19
State Permit No.:
Project Name: Standard Motor Products
Project Number: 12.0076761.20

Sampling Date: 5/7/2024
Weather: 80's F, sunny
Sampled By: D. Vindas

Well Information

Well Type: __X__ **Monitor** ____ **Other:**_____
Well Construction: __X___**PVC** _____**Steel** _____**Other:**_____
Well Diameter (in): 2
Well Screened interval: __5__ **to** __15__ **feet below TIC**
Water Level (ft below TIC): 3.85
PID Headspace Reading (ppm) 0.0
Well Depth (ft below TIC): 14.50
Product Level-if present (ft below TIC) NE
Well Notes (Odor, well condition, etc.):

Purging Information

Purge Method: __X__**Low Flow** ___**Other:**_____ **Pump Start Time:** 11:05
Pump: __X__ **Submersible Pump (2-inch)** ___**Peristaltic** ___**Other:**_____
Pump intake depth (ft below TIC): 11.0 **Purge water discharged to:** __X_**Ground** ___**Drum** ___**Other:**_____
Tubing: ____**Polyethylene** __X__**Teflon-line** ____**Other:**_____ / __X__**New** ____**Dedicated**

Time (HH:MM)	Temp (°C)	pH (S.U.)	D.O. (mg/L)	Cond. (mS/cm)	ORP (mV)	Turbidity (NTU)	Rate (mL/min)	DTW (ft)	_____	Notes
11:10	18.72	7.20	1.15	1.445	107.1	783	100	3.85		
11:15	17.54	7.18	0.68	1.429	99.0	>1000	125	3.86		
11:20	17.32	7.17	0.55	1.419	95.9	862	150	3.86		
11:25	17.32	7.17	0.55	1.419	95.9	751	150	3.92		
11:30	17.30	7.17	0.50	1.419	92.6	469	150	3.92		
11:35	17.29	7.16	0.49	1.419	97.3	217	150	3.92		
11:40	17.28	7.16	0.49	1.419	85.6	152	150	3.92		
11:45	17.28	7.16	0.48	1.42	80.2	47.00	150	3.92		
11:50	17.25	7.16	0.47	1.418	78.5	27.2	150	3.92		
11:55	17.28	7.16	0.45	1.419	75.3	26.1	150	3.92		
12:00	17.28	7.16	0.45	1.419	75.4	24.6	150	3.92		
12:25	17.28	7.16	0.45	1.419	72.3	24.6	150	3.92		**POST-SAMPLING MEASUREMENTS**

Total Volume Purged (gal): ~3.0 **Water Quality Meter(s):** YSI 650 MDS + Hach 2100Q

INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: +/- 0.1 for pH; +/-3% for Specific Conductivity and Temperature; +/-10 mV for Redox Potential; +/-10% for turbidity values greater than 1 NTU; +/-10% for Dissolved Oxygen.

Sample Information

Groundwater Sample Field ID: MW-19
Sampling Time: 12:05 **Sampling End Time:** 12:20
Sampling Method: __X__**Same as Above** ____**Other:**_____
Duplicate Sample Collected? ____**Yes** ___X_**No** **DUP ID:** **Sampling Time:**
Sampling Observations:

*Type of Analysis performed and Department Sanctioned Analytical Methods (DSAMs) used for calibration and sample analysis:

Specific Conductance - SM 2510 B-11; pH - SM 4500-H B-11; Turbidity - SM 2130 B-11; Dissolved Oxygen - SM 4500-O G-16; Temperature - SM 2550 B-10

Low Flow Monitoring Well Purge Form

Well Number: MW-20
State Permit No.:
Project Name: Standard Motor Products
Project Number: 12.0076761.20

Sampling Date: 5/7/2024
Weather: 80's F, sunny
Sampled By: Mary Nichols

Well Information

Well Type: __X__ **Monitor** ____ **Other:**_____
Well Diameter (in): 2
Water Level (ft below TIC): 4.20
Well Depth (ft below TIC): 14.50
Well Notes (Odor, well condition, etc.):

Well Construction: __X___**PVC** _____**Steel** _____**Other:**_____
Well Screened interval: __5__ **to** __15__ **feet below TIC**
PID Headspace Reading (ppm) 14.2
Product Level-if present (ft below TIC) NE

Purging Information

Purge Method: __X__**Low Flow** ___**Other:**_____ **Pump Start Time:** 9:40
Pump: __X__ **Submersible Pump (2-inch)** ___**Peristaltic** ___**Other:**_____
Pump intake depth (ft below TIC): 11.5 **Purge water discharged to:** __X_**Ground** ___**Drum** ___**Other:**_____
Tubing: ____**Polyethylene** __X__**Teflon-line** ____**Other:**_____ / __X__**New** ____**Dedicated**

Time (HH:MM)	Temp (°C)	pH (S.U.)	D.O. (mg/L)	Cond. (mS/cm)	ORP (mV)	Turbidity (NTU)	Rate (mL/min)	DTW (ft)	_____	Notes
9:50	19.27	6.94	7.63	1.592	63.9	33.1	140	4.25		
9:55	19.2	6.79	7.25	1.579	122	23.4	140	4.25		
10:00	19.26	6.81	6.87	1.571	56.8	17.0	140	4.25		
10:05	19.24	6.96	6.40	1.571	30.1	11.1	140	4.25		
10:10	18.87	6.86	5.95	1.562	21.3	7.86	140	4.25		
10:15	18.78	6.94	5.53	1.561	10.8	6.24	140	4.25		
10:20	18.74	6.99	5.15	1.558	7.90	5.90	140	4.25		
10:25	18.74	7.01	5.05	1.556	2.50	5.71	140	4.25		
10:45	18.75	7.07	3.74	1.551	-2.5	3.32	140	4.25		**POST-SAMPLING MEASUREMENTS**

Total Volume Purged (gal): ~1.75 **Water Quality Meter(s):** YSI 650 MDS + Hach 2100Q

INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: +/- 0.1 for pH; +/-3% for Specific Conductivity and Temperature; +/-10 mV for Redox Potential; +/-10% for turbidity values greater than 1 NTU; +/-10% for Dissolved Oxygen.

Sample Information

Groundwater Sample Field ID: MW-20
Sampling Time: 10:30 **Sampling End Time:** 10:45
Sampling Method: __X__**Same as Above** ____**Other:**_____
Duplicate Sample Collected? ____**Yes** __X__**No** **DUP ID:** **Sampling Time:**
Sampling Observations:

*Type of Analysis performed and Department Sanctioned Analytical Methods (DSAMs) used for calibration and sample analysis:

Specific Conductance - SM 2510 B-11; pH - SM 4500-H B-11; Turbidity - SM 2130 B-11; Dissolved Oxygen - SM 4500-O G-16; Temperature - SM 2550 B-10

Low Flow Monitoring Well Purge Form

Well Number: MW-19
State Permit No.:
Project Name: Standard Motor Products
Project Number: 12.0076761.10

Sampling Date: 8/27/24
Weather: 80's, sunny
Sampled By: D. Vinci

Well Information

Well Type: __X__ Monitor ___ Other:
Well Diameter (in): 2
Water Level (ft below TIC): 3.89
Well Depth (ft below TIC): 12.66
Well Notes (Odor, well condition, etc.):

Well Construction: __X__ PVC ___ Steel ___ Other:
Well Screened interval: __5__ to __15__ feet below TIC
PID Headspace Reading (ppm): 0.0
Product Level-if present (ft below TIC) ___

Purging Information

Purge Method: __X__ Low Flow ___ Other:
Pump: __X__ Submersible Pump (2-inch) ___ Peristaltic ___ Other:
Pump intake depth (ft below TIC): 11.0
Tubing: ___ Polyethylene __X__ Teflon-line ___ Other:

Pump Start Time: 1245
Purge water discharged to: __X__ Ground ___ Drum ___ Other:
/ __X__ New ___ Dedicated

Time (HH:MM)	Temp (°C)	pH (S.U.)	D.O. (mg/L)	Cond. (mS/cm)	ORP (mV)	Turbidity (NTU)	Rate (mL/min)	DTW (ft)	___	Notes
1250	23.93	7.14	3.15	1.297	93.8	52.3	125	3.93		
1255	22.95	6.98	3.10	1.263	85.2	47.8				
1300	22.85	6.98	3.10	1.263	85.1	37.6				
1305	22.85	6.98	3.10	1.263	85.0	28.5				
1310	22.81	6.96	3.30	1.259	84.4	12.1				
1315	22.81	6.96	3.30	1.259	84.4	11.3				
1320	22.82	6.96	3.29	1.257	84.4	11.8				
~~1325~~										
~~1330~~										
1335										
1345	22.72	6.96	3.27	1.250	84.4	10.2				

POST-SAMPLING MEASUREMENTS

Total Volume Purged (gal): ~1.25
Water Quality Meter(s): YSI 650 MDS + Hach 2100Q

INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: +/- 0.1 for pH; +/-3% for Specific Conductivity and Temperature; +/-10 mV for Redox Potential; +/-10% for turbidity values greater than 1 NTU; +/-10% for Dissolved Oxygen.

Sample Information

Groundwater Sample Field ID: MW-19
Sampling Time: 1325
Sampling End Time: 1345
Sampling Method: __X__ Same as Above ___ Other:
Duplicate Sample Collected? ___ Yes X No DUP ID: Sampling Time:
Sampling Observations: clear, no color, no odor, no sheen

*Type of Analysis performed and Department Sanctioned Analytical Methods (DSAMs) used for calibration and sample analysis:
Specific Conductance - SM 2510 B-11; pH - SM 4500-H B-11; Turbidity - SM 2130 B-11; Dissolved Oxygen - SM 4500-O G-16; Temperature - SM 2550 B-10

Low Flow Monitoring Well Purge Form

Well Number: MW-20
State Permit No.:
Project Name: Standard Motor Products
Project Number: 12.0076761.10

Sampling Date: 8/27/24
Weather: 80s, sunny
Sampled By: D. Vinson

Well Information

Well Type: __X__ Monitor ____ Other:
Well Diameter (in): 2
Water Level (ft below TIC): 4.28
Well Depth (ft below TIC):
Well Notes (Odor, well condition, etc.):

Well Construction: __X__ PVC ____ Steel ____ Other:
Well Screened interval: __5__ to __15__ feet below TIC
PID Headspace Reading (ppm): 0.0
Product Level-if present (ft below TIC) ____

Purging Information

Purge Method: __X__ Low Flow ____ Other:
Pump: __X__ Submersible Pump (2-inch) ____ Peristaltic ____ Other:
Pump intake depth (ft below TIC): 11.5
Tubing: ____ Polyethylene __X__ Teflon-line ____ Other:

Pump Start Time: 1116
Purge water discharged to: __X__ Ground ____ Drum ____ Other:
/ __X__ New ____ Dedicated

Time (HH:MM)	Temp (°C)	pH (S.U.)	D.O. (mg/L)	Cond. (mS/cm)	ORP (mV)	Turbidity (NTU)	Rate (mL/min)	DTW (ft)	____	Notes
1120	23.46	7.07	1.87	1.146	-26.8	18.6	125	4.56		
1125	22.31	7.09	2.15	1.109	-17.3	17.3				
1130	22.07	7.09	2.23	1.103	-16.1	10.2				
1135	21.98	7.14	3.18	1.105	-13.5	3.06				
1140	21.93	7.11	3.02	1.105	-8.2	6.39				
1145	21.91	7.11	2.89	1.105	-6.3	5.70				
1150	21.91	7.11	2.85	1.104	-5.2	5.83				
1155	21.91	7.10	2.83	1.104	-4.8	5.72				
1220	21.91	7.11	3.23	1.126	-12.0	16.14	125	4.56		POST-SAMPLING MEASUREMENTS

Total Volume Purged (gal): ~1
Water Quality Meter(s): YSI 650 MDS + Hach 2100Q

INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: +/- 0.1 for pH; +/-3% for Specific Conductivity and Temperature; +/-10 mV for Redox Potential; +/-10% for turbidity values greater than 1 NTU; +/-10% for Dissolved Oxygen.

Sample Information

Groundwater Sample Field ID: MW-20
Sampling Time: 1200
Sampling End Time: 1215
Sampling Method: __X__ Same as Above ____ Other:
Duplicate Sample Collected? ____ Yes __X__ No
DUP ID:
Sampling Time:
Sampling Observations: Clear, no color, no odor, no sheen

*Type of Analysis performed and Department Sanctioned Analytical Methods (DSAMs) used for calibration and sample analysis:
Specific Conductance - SM 2510 B-11; pH - SM 4500-H B-11; Turbidity - SM 2130 B-11; Dissolved Oxygen - SM 4500-O G-16; Temperature - SM 2550 B-10

Low Flow Monitoring Well Purge Form

Well Number: MW-10
State Permit No.:
Project Name: Standard Motor Products
Project Number: 12.0076761.10

Sampling Date: 8/27/24
Weather: 80's, Sunny
Sampled By: D. Vinson

Well Information

Well Type: __X__ Monitor ____ Other:
Well Diameter (in): 4
Water Level (ft below TIC): 3.65
Well Depth (ft below TIC):
Well Notes (Odor, well condition, etc.):

Well Construction: __X__ PVC ____ Steel ____ Other:
Well Screened interval: __5__ to __15__ feet below TIC
PID Headspace Reading (ppm): 0.0
Product Level-if present (ft below TIC) NE

Purging Information

Purge Method: __X__ Low Flow ____ Other:
Pump Start Time: 9:48
Pump: __X__ Submersible Pump (2-inch) ____ Peristaltic ____ Other:
Pump intake depth (ft below TIC): 13.5
Purge water discharged to: __X__ Ground ____ Drum ____ Other:
Tubing: ____ Polyethylene __X__ Teflon-line ____ Other: / __X__ New ____ Dedicated

Time (HH:MM)	Temp (°C)	pH (S.U.)	D.O. (mg/L)	Cond. (mS/cm)	ORP (mV)	Turbidity (NTU)	Rate (mL/min)	DTW (ft)		Notes
0950	20.28	7.60	2.83	2.960	-180.2	48.0	125	3.90		
0955	20.36	7.56	2.65	3.762	-170.6	36.6	"	"		
1000	20.50	7.50	2.36	2.999	-148.3	23.2	"	"		
1005	20.52	7.50	2.01	2.963	-139.0	15.9	"	"		
1010	20.52	7.50	2.02	2.952	-137.2	16.8	"	"		
1015	20.52	7.48	1.992	2.952	-136.6	15.8	"	"		
1035	19.86	7.53	1.79	2.817	-150.4	16.7				POST-SAMPLING MEASUREMENTS

Total Volume Purged (gal): ~1
Water Quality Meter(s): YSI 650 MDS + Hach 2100Q

INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: +/- 0.1 for pH; +/-3% for Specific Conductivity and Temperature; +/-10 mV for Redox Potential; +/-10% for turbidity values greater than 1 NTU; +/-10% for Dissolved Oxygen.

Sample Information

Groundwater Sample Field ID: MW-10
Sampling Time: 1020
Sampling End Time: 1035
Sampling Method: __X__ Same as Above ____ Other:
Duplicate Sample Collected? ____ Yes __X__ No
DUP ID: -
Sampling Time:
Sampling Observations: no color, no sheen, clear, petrol/organic odor

*Type of Analysis performed and Department Sanctioned Analytical Methods (DSAMs) used for calibration and sample analysis:
Specific Conductance - SM 2510 B-11; pH - SM 4500-H B-11; Turbidity - SM 2130 B-11; Dissolved Oxygen - SM 4500-O G-16; Temperature - SM 2550 B-10

Low Flow Monitoring Well Purge Form

GZA

Well Number: MW-11S
State Permit No.:
Project Name: Standard Motor Products
Project Number: 12.0076761.10

Sampling Date: 8/27/24
Weather: sun/70s-80s/humid
Sampled By: E. McDonnell

Well Information

Well Type: __X__ Monitor ____ Other:
Well Diameter (in): 4
Water Level (ft below TIC): 3.77
Well Depth (ft below TIC): 16.82
Well Notes (Odor, well condition, etc.):

Well Construction: __X__PVC ____Steel ____Other:
Well Screened interval: __5__ to __15__ feet below TIC
PID Headspace Reading (ppm): 0.0
Product Level-if present (ft below TIC) NE

Purging Information

Purge Method: __X__Low Flow ___Other:
Pump: __X__ Submersible Pump (2-inch) ___Peristaltic ___Other:
Pump intake depth (ft below TIC): 13.5
Tubing: ____Polyethylene __X__Teflon-line ____Other:

Pump Start Time: 13:07
Purge water discharged to: __X_Ground ___Drum ___Other:
/ __X__New ____Dedicated

Time (HH:MM)	Temp (°C)	pH (S.U.)	D.O.* (mg/L)	Cond. (mS/cm)	ORP (mV)	Turbidity (NTU)	Rate (mL/min)	DTW (ft)		Notes
13:12	25.54	7.60	15.74	0.867	-67.4	20.3	150	3.79		
13:17	24.27	7.66	28.79	0.869	-85.2	6.09	150	3.79		
13:22	23.89	7.65	47.94	0.863	-94.0	5.00	150	3.79		
13:27	23.78	7.65	50.84	0.863	-96.3	5.58	150	3.79		
13:32	23.80	7.63	54.76	0.860	-99.1	5.42	150	3.79		
13:37	23.83	7.61	58.80	0.857	-100.4	4.89	150	3.79		
13:42	23.87	7.60	59.56	0.858	-100.9	3.33	150	3.79		
13:47	23.67	7.62	60.42	0.855	-101.5	3.94	150	3.79		
13:52	23.69	7.64	62.14	0.853	-102.3	4.09	150	3.79		
13:57	23.74	7.65	63.24	0.850	-104.5	3.04	150	3.79		
14:02	23.63	7.65	64.52	0.844	-105.3	2.99	150	3.79		
14:07	23.50	7.65	62.35	0.846	-106.0	3.11	150	3.79		
15:20	22.03	7.47	16.52	0.891	-50.8	3.82	150	—		

POST-SAMPLING MEASUREMENTS

Total Volume Purged (gal): 2.5
Water Quality Meter(s): YSI 600XL + Hach 2100Q

INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: +/- 0.1 for pH; +/-3% for Specific Conductivity and Temperature; +/-10 mV for Redox Potential; +/-10% for turbidity values greater than 1 NTU; +/-10% for Dissolved Oxygen.

Sample Information

Groundwater Sample Field ID: MW-11S
Sampling Time: 14:10
Sampling End Time: 14:45
Sampling Method: __X__Same as Above ___Other:
Duplicate Sample Collected? X Yes ___No
DUP ID: SMP-DUP
Sampling Time: 14:50 - 15:20
Sampling Observations:

*DO very high issue w/ DO probe, calibrated properly this morning

*Type of Analysis performed and Department Sanctioned Analytical Methods (DSAMs) used for calibration and sample analysis:
Specific Conductance - SM 2510 B-11; pH - SM 4500-H B-11; Turbidity - SM 2130 B-11; Dissolved Oxygen - SM 4500-O G-16; Temperature - SM 2550 B-10

Low Flow Monitoring Well Purge Form

Well Number: MW-16
State Permit No.:
Project Name: Standard Motor Products
Project Number: 12.0076761.10

Sampling Date: 8/27/24
Weather: Sunny 80s Sat humid
Sampled By: E. McDonnell

Well Information

Well Type: __X__ Monitor ____ Other:
Well Diameter (in): 2
Water Level (ft below TIC): 3.34
Well Depth (ft below TIC): 17.01
Well Notes (Odor, well condition, etc.):

Well Construction: __X__ PVC ____ Steel ____ Other:
Well Screened interval: __5__ to __15__ feet below TIC
PID Headspace Reading (ppm): 0.0
Product Level-if present (ft below TIC) NF

Purging Information

Purge Method: __X__ Low Flow ____ Other:
Pump: __X__ Submersible Pump (2-inch) ____ Peristaltic ____ Other:
Pump intake depth (ft below TIC): 13.5
Tubing: ____ Polyethylene __X__ Teflon-line ____ Other:

Pump Start Time: 09:07
Purge water discharged to: __X__ Ground ____ Drum ____ Other:
/ __X__ New ____ Dedicated

Time (HH:MM)	Temp (°C)	pH (S.U.)	D.O. (mg/L)	Cond. (mS/cm)	ORP (mV)	Turbidity (NTU)	Rate (mL/min)	DTW (ft)		Notes
09:12	16.04	7.71	9.24	1.248	-98.1	32.1	125	3.36		
09:17	20.03	7.6	6.36	1.235	-105.8	20.1	125	3.37		
09:22	19.84	7.55	7.59	1.228	-104.2	16.1	125	3.37		
09:27	19.84	7.53	8.70	1.224	-105.6	18.1	125	3.37		
09:32	19.86	7.51	10.67	1.219	-106.8	19.1	125	3.37		
09:37	19.87	7.49	13.83	1.208	-108.7	20.8	125	3.37		
09:42	19.84	7.50	15.63	1.207	-108.7	22.3	125	3.37		
09:47	20.00	7.48	18.72	1.199	-111.4	24.6	125	3.37		
09:52	20.04	7.49	20.79	1.197	-113.1	20.7	125	3.37		
09:57	20.06	7.49	28.75	1.185	-114.8	20.1	125	3.37		
10:02	20.08	7.49	29.69	1.183	-116.1	19.2	125	3.37		
10:07	20.10	7.49	34.88	1.182	-115.3	17.2	125	3.37		
10:12	20.08	7.49	35.92	1.180	-114.0	15.9	125	3.37		
10:17	20.19	7.50	36.52	1.171	-112.2	16.7	125	3.37		
10:58	20.68	7.67	13.54	1.163	-119.2	14.9	125	—		POST-SAMPLING MEASUREMENTS

Total Volume Purged (gal): 2
Water Quality Meter(s): YSI 600XL + Hach 21002

INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: +/- 0.1 for pH; +/-3% for Specific Conductivity and Temperature; +/-10 mV for Redox Potential; +/-10% for turbidity values greater than 1 NTU; +/-10% for Dissolved Oxygen.

* DO reading high, meter calibrated properly ** issue w/ DO probe on YSI

Sample Information

Groundwater Sample Field ID: MW-16
Sampling Time: 10:20
Sampling End Time: 10:58
Sampling Method: __X__ Same as Above ____ Other:
Duplicate Sample Collected? Yes X No DUP ID: Sampling Time:
Sampling Observations: colorless, clear, no odor, no sheen

*Type of Analysis performed and Department Sanctioned Analytical Methods (DSAMs) used for calibration and sample analysis:
Specific Conductance - SM 2510 B-11; pH - SM 4500-H B-11; Turbidity - SM 2130 B-11; Dissolved Oxygen - SM 4500-O G-16; Temperature - SM 2550 B-10

Low Flow Monitoring Well Purge Form

Well Number: MW-17
State Permit No.:
Project Name: Standard Motor Products
Project Number: 12.0076761.10

Sampling Date: 9/27/24
Weather: Sun, 70s-80s, humid
Sampled By: E. McDonnell

Well Information

Well Type: __X__ Monitor ____ Other:
Well Diameter (in): 2
Water Level (ft below TIC): 4.07
Well Depth (ft below TIC): 13.49
Well Notes (Odor, well condition, etc.):

Well Construction: __X__PVC ____Steel ____Other:
Well Screened interval: __3__ to __13__ feet below TIC
PID Headspace Reading (ppm): 0.0
Product Level-if present (ft below TIC) NE

Purging Information

Purge Method: __X__Low Flow ___Other:
Pump: __X__ Submersible Pump (2-inch) ___Peristaltic ___Other:
Pump intake depth (ft below TIC): 10.0
Tubing: ____Polyethylene __X__Teflon-line ____Other:

Pump Start Time: 11:30
Purge water discharged to: __X_Ground ___Drum ___Other:
/ __X__New ____Dedicated

Time (HH:MM)	Temp (°C)	pH (S.U.)	D.O.* (mg/L)	Cond. (mS/cm)	ORP (mV)	Turbidity (NTU)	Rate (mL/min)	DTW (ft)	____	Notes
11:34	23.70	7.47	9.54	1.045	8.4	4.66	150	4.06		
11:39	22.17	7.38	14.96	1.032	3.0	2.19	150	4.06		
11:44	21.68	7.36	28.81	1.028	-1.0	0.70	150	4.06		
11:49	21.47	7.35	37.11	1.024	-3.1	0.62	150	4.06		
11:54	21.49	7.35	40.83	1.022	-4.5	0.48	150	4.06		
11:59	21.37	7.36	50.71	1.020	-8.7	0.45	150	4.06		
12:04	21.34	7.38	55.28	1.017	-11.0	0.42	150	4.06		
12:30	22.23	7.40	16.84	1.024	19.0	0.99	150	—		POST-SAMPLING MEASUREMENTS

Total Volume Purged (gal): 2
Water Quality Meter(s): YSI 600XL & Hach 2100Q

INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: +/- 0.1 for pH; +/-3% for Specific Conductivity and Temperature; +/-10 mV for Redox Potential; +/-10% for turbidity values greater than 1 NTU; +/-10% for Dissolved Oxygen.

Sample Information

Groundwater Sample Field ID: MW-17
Sampling Time: 12:08
Sampling End Time: 12:36
Sampling Method: __X__Same as Above ___Other:
Duplicate Sample Collected? ___Yes __X__No DUP ID:
Sampling Observations: Colorless/clear, moderate odor

*tissue w/ DO probe - DO reading very high - unable to stabilize
Sampling Time: meter calibrated properly

*Type of Analysis performed and Department Sanctioned Analytical Methods (DSAMs) used for calibration and sample analysis:
Specific Conductance - SM 2510 B-11; pH - SM 4500-H B-11; Turbidity - SM 2130 B-11; Dissolved Oxygen - SM 4500-O G-16; Temperature - SM 2550 B-10

Low Flow Monitoring Well Purge Form

Well Number: MW-18
State Permit No.:
Project Name: Standard Motor Products
Project Number: 12.0076761.10

Sampling Date: 8/27/24
Weather: 80's, sunny
Sampled By: D. Vivas

Well Information

Well Type: __X__ Monitor ____ Other:
Well Diameter (in): 2
Water Level (ft below TIC): 4.07
Well Depth (ft below TIC):
Well Notes (Odor, well condition, etc.):

Well Construction: __X__ PVC ____ Steel ____ Other:
Well Screened interval: __3__ to __13__ feet below TIC
PID Headspace Reading (ppm): 0.0
Product Level-if present (ft below TIC) NF

Purging Information

Purge Method: __X__ Low Flow ____ Other:
Pump: __X__ Submersible Pump (2-inch) ____ Peristaltic ____ Other:
Pump intake depth (ft below TIC): 12.0
Tubing: ____ Polyethylene __X__ Teflon-line ____ Other:

Pump Start Time: 1316
Purge water discharged to: __X__ Ground ____ Drum ____ Other:
__X__ New ____ Dedicated

Time (HH:MM)	Temp (°C)	pH (S.U.)	D.O. (mg/L)	Cond. (mS/cm)	ORP (mV)	Turbidity (NTU)	Rate (mL/min)	DTW (ft)		Notes
1420	24.30	6.93	3.18	1.253	105.2	53.8	125	4.19		
1425	23.22	6.97	3.16	1.251	111.8	47.2	125	4.19		
1430	23.22	6.72	3.16	1.219	118.2	33.7	125	4.19		
1435	22.54	6.66	3.15	1.219	124.7	21.8	125	4.19		
1440	22.59	6.66	3.38	1.219	120.5	2.99	125	4.19		
1445	22.60	6.67	3.38	1.218	120.9	2.76	125	4.19		
1450	22.60	6.67	3.38	1.218	120.9	2.86	125	4.19		
1520	22.49	7.04	2.97	1.214	120.6	3.19	125	4.19		POST-SAMPLING MEASUREMENTS

Total Volume Purged (gal): ~1.25
Water Quality Meter(s): YSI 6050 MDS + Hach 2100 Q

INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: +/- 0.1 for pH; +/-3% for Specific Conductivity and Temperature; +/-10 mV for Redox Potential; +/-10% for turbidity values greater than 1 NTU; +/-10% for Dissolved Oxygen.

Sample Information

Groundwater Sample Field ID: MW-18
Sampling Time: 1455
Sampling End Time: 1517
Sampling Method: __X__ Same as Above ____ Other:
Duplicate Sample Collected? Yes ☒ No DUP ID: Sampling Time:
Sampling Observations: no color, no odor, no sheen, clear

*Type of Analysis performed and Department Sanctioned Analytical Methods (DSAMs) used for calibration and sample analysis:
Specific Conductance - SM 2510 B-11; pH - SM 4500-H B-11; Turbidity - SM 2130 B-11; Dissolved Oxygen - SM 4500-O G-16; Temperature - SM 2550 B-10

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	SMP	**Well No:**	MW-10	**Water Quality Device Model:**	Horiba U-52	**Weather:**	Sunny	**Sample(s):**	SMP-MW-
Project Number:	170861201	**Well Depth:**	17.25	**Pine Number:**	-	**Background PID (ppm):**	0.2		
Site Location:	Long Island City, NY	**Well Diameter:**	4	**Pump Make and Model:**	QED Sample Pro 1.75"	**PID Beneath Inner Cap (ppm):**	0		
Sampling	Shawn Martin	**Well Screen**	5	**Pine Number:**	-	**Pump Intake Depth:**	15.00	**Sample Date:**	11/4/2024
Personnel:	Adam Spaulding	**Interval:**	15	**Tubing Diameter:**	1/4"x1/4"	**Depth to Water Before Purge:**	4.97	**Sample Time:**	11:10

STABILIZATION = 3 successive readings within limits

TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY ntu (+/- 10%) above 5 NTU	DO mg/l (+/- 10%) above 0.5 mg/l	DTW ft Drawdown < 0.33 ft	Flow Rate (gpm) <0.13 gpm)	Cumulative Discharge Volume (Gal)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
10:35	17.49	7.28	-223	1.720	35.0	1.54	4.94	0.1	0.1	petroleum odor	**N/A**
10:40	17.41	7.28	-220	1.720	33.0	1.53	4.96	0.1	0.2	petroleum odor	**N/A**
10:45	17.33	7.29	-218	1.719	29.2	1.52	5.00	0.1	0.35	petroleum odor	**N**
10:50	17.30	7.29	-216	1.718	27.9	1.51	5.04	0.2	0.5	petroleum odor	**N**
10:55	17.30	7.29	-212	1.715	26.8	1.55	5.05	0.1	0.6	petroleum odor	**Y**
11:00	17.25	7.29	-221	1.711	26.9	1.64	5.05	0.1	0.7	petroleum odor	**Y**
11:05	17.41	7.28	-219	1.687	25.7	1.53	5.07	0.1	0.9	petroleum odor	**Y**
											N
											N
											N
											N
											N
											N
											N
											N
											N
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											N
											N
											N
											N
											N
											N
											N

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing, northern most point.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	SMP	**Well No:**	MW16	**Water Quality Device Model:**	Horiba U-52	**Weather:**	Sunny		SMP-MW-
Project Number:	170861201	**Well Depth:**	20	**Pine Number:**	-	**Background PID (ppm):**	0.0	**Sample(s):**	
Site Location:	Long Island City, NY	**Well Diameter:**	2	**Pump Make and Model:**	ED Sample Pro 1.7	**PID Beneath Inner Cap (ppm):**	0		
Sampling	Shawn Martin	**Well Screen**	10	**Pine Number:**	-	**Pump Intake Depth:**	18.00	**Sample Date:**	11/4/2024
Personnel:	Adam Spaulding	**Interval:**	20	**Tubing Diameter:**	1/4"x1/4"	**Depth to Water Before Purge:**	4.02	**Sample Time:**	16:30

STABILIZATION = 3 successive readings within limits

TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY ntu (+/- 10%) above 5 NTU	DO mg/l (+/- 10%) above 0.5 mg/l	DTW ft Drawdown < 0.33 ft	Flow Rate (gpm) <0.13 gpm)	Cumulative Discharge Volume (Gal)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
15:25	16.85	7.21	-147	1.092	504.0	2.82	4.02	0.1	0.1	Clear no odor	**N/A**
15:30	16.85	7.21	-170	1.097	350.0	2.97	4.03	0.1	0.2	Clear no odor	**N/A**
15:35	16.85	7.25	-180	1.100	193.0	3.09	4.05	0.1	0.3	Clear no odor	**N**
15:40	16.82	7.25	-185	1.101	116.0	3.15	4.08	0.1	0.5	Clear no odor	**N**
15:45	16.91	7.23	-196	1.100	88.4	3.30	4.08	0.1	0.75	Clear no odor	**N**
15:50	17.00	7.22	-208	1.100	69.9	3.57	4.08	0.1	1	Clear no odor	**N**
15:55	17.03	7.22	-214	1.099	41.0	3.20	4.10	0.1	1.25	Clear no odor	**N**
16:00	17.08	7.23	-227	1.099	30.6	3.83	4.10	0.1	1.5	Clear no odor	**N**
16:05	17.09	7.26	-228	1.099	21.1	3.86	4.12	0.1	1.75	Clear no odor	**N**
16:10	17.01	7.23	-230	1.099	20.6	4.05	4.12	0	1.85	Clear no odor	**N**
16:15	17.01	7.23	-233	1.101	19.8	4.08	4.12	0.1	2	Clear no odor	**Y**
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing, northern most point
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	smp	**Well No:**	mw17	**Water Quality Device Model:**	Horiba U-52	**Weather:**	Sunny	**Sample(s):**	SMP-MW-17_110424
Project Number:	170817801	**Well Depth:**	2	**Pine Number:**	-	**Background PID (ppm):**	0.0		
Site Location:	Brooklyn, NY	**Well Diameter:**	2-inch	**Pump Make and Model:**	ED Sample Pro 1.7	**PID Beneath Inner Cap (ppm):**	0		
Sampling		**Well Screen**	5	**Pine Number:**	-	**Pump Intake Depth:**	10.00	**Sample Date:**	11/4/2024
Personnel:	dam Spaulding, Shawn Marti	**Interval:**	15	**Tubing Diameter:**	1/4"x1/4"	**Depth to Water Before Purge:**	4.72	**Sample Time:**	16:11

STABILIZATION = 3 successive readings within limits

TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY ntu (+/- 10%) above 5 NTU	DO mg/l (+/- 10%) above 0.5 mg/l	DTW ft Drawdown < 0.33 ft	Flow Rate (gpm) <0.13 gpm)	Cumulative Discharge Volume (Gal)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
15:40	18.76	7.24	12	0.736	5.3	5.45	4.72	0.1	-	clear/no odor no sheen	**N/A**
15:45	18.81	7.19	13	0.740	4.9	5.38	4.72	0.1	0.25	clear/no odor no sheen	**N/A**
15:50	19.14	7.13	13	0.741	3.8	5.16	4.72	0.15	0.5	clear/no odor no sheen	**N**
15:55	19.99	7.12	14	0.740	3.1	5.09	4.72	0.15	0.65	clear/no odor no sheen	**N**
16:00	19.22	7.11	15	0.740	1.7	5.03	4.72	0.02	0.75	clear/no odor no sheen	**N**
16:05	19.27	7.10	16	0.741	1.6	4.89	4.72	0.05	1	clear/no odor no sheen	**N**
16:10	19.28	7.11	18	0.741	1.6	4.72	4.72	0.05	1.25	clear/no odor no sheen	**Y**
											N
											N
											N
											N
											N
											N

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing, northern most point.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit
11. N/A = Not Applicable

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	SMP	**Well No:**	MW-18	**Water Quality Device Model:**	Horiba U-52	**Weather:**	Sunny		SMP-MW-
Project Number:	170861201	**Well Depth:**	18	**Pine Number:**	-	**Background PID (ppm):**	0.0	**Sample(s):**	
Site Location:	Long Island City, NY	**Well Diameter:**	2	**Pump Make and Model:**	ED Sample Pro 1.7	**PID Beneath Inner Cap (ppm):**	0		
Sampling	Shawn Martin	**Well Screen**	10	**Pine Number:**	-	**Pump Intake Depth:**	16.00	**Sample Date:**	11/4/2024
Personnel:	Adam Spaulding	**Interval:**	20	**Tubing Diameter:**	1/4"x1/4"	**Depth to Water Before Purge:**	4.79	**Sample Time:**	13:10

STABILIZATION = 3 successive readings within limits

TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY ntu (+/- 10%) above 5 NTU	DO mg/l (+/- 10%) above 0.5 mg/l	DTW ft Drawdown < 0.33 ft	Flow Rate (gpm) <0.13 gpm)	Cumulative Discharge Volume (Gal)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
12:40	19.30	7.19	-170	0.640	11.3	4.25	4.81	0.1	0.25	ear/no odor no shee	**N/A**
12:45	18.93	7.21	-217	0.621	5.6	4.01	4.82	0.1	0.5	ear/no odor no shee	**N/A**
12:50	19.24	7.18	-219	0.619	5.2	4.04	4.84	0.1	0.75	ear/no odor no shee	**N**
12:05	19.21	7.20	-228	0.617	4.5	4.07	4.84	0.1	1	ear/no odor no shee	**N**
13:00	19.30	7.22	-225	0.616	3.6	4.05	4.84	0	1.5	ear/no odor no shee	**N**
13:05	19.04	7.21	-224	0.619	2.5	3.93	4.84	0	1.75		**Y**
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
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											N
											N
											N
											N
											N
											N
											N

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing, northern most point
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	smp	**Well No:**	MW-19	**Water Quality Device Model:**	Horiba U-52	**Weather:**	Sunny	**Sample(s):**	
Project Number:	170817801	**Well Depth:**	15	**Pine Number:**	-	**Background PID (ppm):**	0.0		mw19_110424
Site Location:	Brooklyn, NY	**Well Diameter:**	2-inch	**Pump Make and Model:**	ED Sample Pro 1.7	**PID Beneath Inner Cap (ppm):**	0		
Sampling		**Well Screen**	5	**Pine Number:**	-	**Pump Intake Depth:**	11.00	**Sample Date:**	11/24/2024
Personnel:	dam Spaulding, Shawn Marti	**Interval:**	15	**Tubing Diameter:**	1/4-1/4	**Depth to Water Before Purge:**	4.52	**Sample Time:**	13:07

STABILIZATION = 3 successive readings within limits

TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY ntu (+/- 10%) above 5 NTU	DO mg/l (+/- 10%) above 0.5 mg/l	DTW ft Drawdown < 0.33 ft	Flow Rate (gpm) <0.13 gpm)	Cumulative Discharge Volume (Gal)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
12:15	19.16	7.49	26	0.003	85.6	7.53	4.52	0.1	-	clear, no odor	**N/A**
12:20	19.57	7.18	24	1.029	78.7	5.15	4.57	0.1	0.25	clear, no odor	**N/A**
12:25	20.00	7.12	21	1.037	54.2	4.93	4.54	0.14	0.5	clear, no odor	**N**
12:30	20.19	7.11	19	1.037	34.5	4.89	4.54	0.05	0.75	clear, no odor	**N**
12:35	20.15	7.10	19	1.036	19.6	4.79	4.54	0.05	0.75	clear, no odor	**N**
12:40	20.13	7.10	19	1.037	15.6	6.73	4.54	0.05	1	clear, no odor	**N**
12:45	20.11	7.10	19	1.039	12.1	4.69	4.54	0.05	1.25	clear, no odor	**N**
12:50	20.13	7.10	19	1.041	7.7	4.73	4.54	0.05	1.25	clear, no odor	**N**
12:55	20.18	7.09	19	1.044	5.9	4.64	4.54	0.05	1.5	clear, no odor	**N**
13:00	20.12	7.09	19	1.046	5.6	4.69	4.54	0.05	1.75	clear, no odor	**N**
13:05	20.10	7.09	19	1.047	5.4	4.61	4.54	0.05	1.75	clear, no odor	**Y**
											N
											N

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing, northern most point.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million 18.00
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit
11. N/A = Not Applicable

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	smp	**Well No:**	MW-20	**Water Quality Device Model:**	Horiba U-52	**Weather:**	Sunny	**Sample(s):**	
Project Number:	170817801	**Well Depth:**	20	**Pine Number:**	-	**Background PID (ppm):**	0.0		mw20_110424
Site Location:	Brooklyn, NY	**Well Diameter:**	2-inch	**Pump Make and Model:**	ED Sample Pro 1.7	**PID Beneath Inner Cap (ppm):**	0		
Sampling		**Well Screen**	5	**Pine Number:**	-	**Pump Intake Depth:**	11.50	**Sample Date:**	11/4/2024
Personnel:	dam Spaulding, Shawn Marti	**Interval:**	15	**Tubing Diameter:**	1/4"x1/4"	**Depth to Water Before Purge:**	4.97	**Sample Time:**	11:10

STABILIZATION = 3 successive readings within limits

TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY ntu (+/- 10%) above 5 NTU	DO mg/l (+/- 10%) above 0.5 mg/l	DTW ft Drawdown < 0.33 ft	Flow Rate (gpm) <0.13 gpm)	Cumulative Discharge Volume (Gal)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
10:30	19.65	7.09	65	0.669	51.7	3.45	4.99	0.1	0	clear, no odor	**N/A**
10:35	19.68	7.08	56	0.654	51.5	3.13	5.01	0.13	0.25	clear, no odor	**N/A**
10:40	19.67	7.08	55	0.653	51.6	2.94	5.01	0.13	0.5	clear, no odor	**N**
10:45	19.67	7.08	47	0.653	46.6	2.84	4.95	0.05	0.75	clear, no odor	**N**
10:50	19.66	7.09	45	0.652	35.2	2.70	4.93	0.05	0.75	clear, no odor	**N**
10:55	19.72	7.09	39	0.652	12.8	2.68	4.93	0.05	1	clear, no odor	**N**
11:00	19.71	7.09	37	0.653	12.6	2.77	4.93	0.05	1.1	clear, no odor	**N**
11:05	19.70	7.10	34	0.653	11.9	2.62	4.93	0.03	1.25	clear, no odor	**Y**
											N
											N
											N
											N
											N

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing, northern most point.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit
11. N/A = Not Applicable

APPENDIX C MONTHLY O&M CHECKLISTS

GZA GeoEnvironmental
Air Sparge/Vapor Extraction System O M Checklist
Former Standard Motor Products
37-18 Northern Boulevard, Long Island City, NY

Date: 1/11/2024 **Time: onsite** 09:15 **offsite** 11:15 **Technician(s): M. McBride, D. Vindas, M. Nichols**

System Status (circle type)

Maintenance Type:	Scheduled	Alert	Shutdown	Response
System Status:onsite	Manual	Auto	Shutdown	Off
System Status:offsite	Manual	Auto	Shutdown	Off
Blower 1 Status:	Manual/Off	Auto	Shutdown	Off
Blower 2 Status:	Manual	Auto / Hand	Shutdown	Off
Transfer Pump Status:	Manual	Auto		Off
Genaral Alarm Status:	On / off/Auto	Pressure	Temp.	Level
Bypass Valve:	Closed	Open	Angle (record)	
VE High Water Status	On/Off	Off		

System Readings (record values)

Pressure		**Temperature**		**Flow**		
Inlet Vacuum (in H2O) ①	9.0			Vacuum Exhaust (cfm)	869.6	
Differ.Filter (in H20) ②	2 (16 R / 18 L)	Inlet (gas) ⑦	54.6	Vacuum Total (cf)		
		Blower 1(oil)	-		Flow (cfm)	Pressure (psi)
Blower 1 Inlet (in H2O)	-	Motor 1 (windings)	-	sparge #1	-	-
Blower 2 Inlet (in H2O) ③	22.0	Blower 2 (oil) ⑧	133.7	sparge #2	-	-
Outlet Manifold (in H2O) ④	2.8	Motor 2 (windings) ⑨	56.3	sparge #3	-	-
Outlet Stack (in H2O) ⑤	0.06	Exhaust (gas) ⑩	71	sparge #4	-	-
Sparge Compress (psi) ⑥	-	Sparge Manifold Temp. ⑪	-	sparge #5	-	-
SSDS Inlet (in H2O) ⑫	9.6	Trailer (ambient)	55.9	sparge #6	-	-
Bypass Inlet (in H2O) ⑬	10			sparge #7	-	-
				sparge #8	-	-
Vacuum Laterals	Velocity (fpm)	Vaccum (in. H2O)		sparge #9	-	-
Lateral #1	-	-		sparge #10	-	-
Lateral #2	-	-				
Lateral #3	-	-				

Meters		**PID Readings(optional)**		**Electrical**	
Blower 1 (hrs.) ⑭	36655	Inlet (ppm)①	0.0	Supply L1/L2/L3 (volts)	-
Blower 2 (hrs.) ⑮	25215.1	Outlet Manifold(ppm)④	0.3	System L1/L2/L3(amps)	-
Condensate (gals.)	-	Outlet Stack (ppm)⑤	0.0	Blower 1 L1/L2/L3(amps)	-
Sparge Compress(hrs)	-			Blower 2 L1/L2/L3(amps)	-
VFD Setting				VFD Frequency	-

Observations (record condition):

Vibration		**Noise**		**Leaks**	
Blower Skid 1 (ok/ type)	OFF	Blower Skid 1 (ok/type)	OFF	Blower Skid 1 (ok/fluid/gas)	OFF
Blower Skid 2 (ok/type)	OK	Blower Skid 2 (ok/type)	OK	Blower Skid 2 (ok/fluid/gas)	OK
Compressor (ok/ type)	OFF	Compressor (ok/ type)	OFF	Compressor (ok/ type)	OFF
System (ok/type)	OK	System (ok/type)	OK	System (ok/fluid/gas)	OK
Rotary Claw (ok/type)	OK				

Maintenance (record service):

Oil Change		**V-Belts Tension**		**Motor Grease**	
Blower 1 (hrs./type)	OFF	Blower 1 (ok/deflec.)	OFF	Motor 1(hrs./type)	OFF
Blower 2 (hrs./type)	NO	Blower 2 (ok/deflec.)	OK	Motor 2(hrs./type)	OK

Filters		**Piping/Instrumentation**			**TEMP**	**F.P.M.**
Inlet (hrs./clean/replaced)	OFF	Hangers (ok/repair)	OK			
Bypass(hrs/clean/replaced)	REPLACED	Piping (ok/repair)	OK			
Liquid Carbon (gals/replaced)	OK	Wiring (ok/repair)	OK			
Vapor Carbon (cft/replaced)	OK	Sensors (ok/repair)	OK			
Monitoring Well MW-20 water depth =	4.02		OK			

Daily Notes:

10:00 - Blower 2 off for filter replacement

10:52 - Blower 2 on (Hand)

TABLE 1
Air Sparge/Vapor Extraction System O M Checklist
Former Standard Motor Products
37-18 Northern Boulevard, Long Island City, NY

Date: 02 - 16 - 2024 **Time: onsite - 13:00** **offsite - 15:30** **Technician(s): P. McDonnell & M. Nichols**

System Status (circle type)

Maintenance Type:	Scheduled	Alert	Shutdown	Response
System Status:onsite	Manual	Auto	Shutdown	Off
System Status:offsite	Manual	Auto	Shutdown	Off
Blower 1 Status:	Manual	Auto	Shutdown	Off
Blower 2 Status:	Manual	Auto / Hand	Shutdown	Off
Transfer Pump Status:	Manual	Auto		Off
Genaral Alarm Status:	On / off/Auto	Pressure	Temp.	Level
Bypass Valve:	Closed	Open	Angle (record)	
VE High Water Status	On/Off	Off		

System Readings (record values)

Pressure		**Temperature**		**Flow**		
Inlet Vacuum (in H2O) ①	9.0			Vacuum Exhaust (cfm)	851.8	
Differ.Filter (in H20) ②	2.00	Inlet (gas) ⑦	64.4	Vacuum Total (cf)		
		Blower 1(oil)	-		Flow (cfm)	Pressure (psi)
Blower 1 Inlet (in H2O)	-	Motor 1 (windings)	-	sparge #1	-	-
Blower 2 Inlet (in H2O) ③	22.0	Blower 2 (oil) ⑧	173.5	sparge #2	-	-
Outlet Manifold (in H2O) ④	2.9	Motor 2 (windings) ⑨	74.6	sparge #3	-	-
Outlet Stack (in H2O) ⑤	0.21	Exhaust (gas) ⑩	82.7	sparge #4	-	-
Sparge Compress (psi) ⑥	-	Sparge Manifold Temp. ⑪	61.1	sparge #5	-	-
SSDS Inlet (in H2O) ⑫	8.5	Trailer (ambient)	63.6	sparge #6	-	-
Bypass Inlet (in H2O) ⑬	9.7			sparge #7	-	-
				sparge #8	-	-
Vacuum Laterals	Velocity (fpm)	Vaccum (in. H2O)		sparge #9	-	-
Lateral #1	-	-		sparge #10	-	-
Lateral #2	-	-				
Lateral #3	-	-				

Meters		**PID Readings(optional)**		**Electrical**	
Blower 1 (hrs.) ⑭	36655	Inlet (ppm) ①	0.0	Supply L1/L2/L3 (volts)	-
Blower 2 (hrs.) ⑮	25215.1	Outlet Manifold(ppm) ④	0.0	System L1/L2/L3(amps)	-
Condensate (gals.)	-	Outlet Stack (ppm) ⑤	0.0	Blower 1 L1/L2/L3(amps)	-
Sparge Compress(hrs)	-			Blower 2 L1/L2/L3(amps)	-
VFD Setting	-			VFD Frequency	-

Observations (record condition):

Vibration		**Noise**		**Leaks**	
Blower Skid 1 (ok/ type)	OFF	Blower Skid 1 (ok/type)	OFF	Blower Skid 1 (ok/fluid/gas)	OFF
Blower Skid 2 (ok/type)	OK	Blower Skid 2 (ok/type)	OK	Blower Skid 2 (ok/fluid/gas)	OK
Compressor (ok/ type)	OFF	Compressor (ok/ type)	OFF	Compressor (ok/ type)	OFF
System (ok/type)	OK	System (ok/type)	OK	System (ok/fluid/gas)	OK
Rotary Claw (ok/type)	OK				

Maintenance (record service):

Oil Change		**V-Belts Tension**		**Motor Grease**	
Blower 1 (hrs./type)	OFF	Blower 1 (ok/deflec.)	OFF	Motor 1(hrs./type)	OFF
Blower 2 (hrs./type)	NO	Blower 2 (ok/deflec.)	OK	Motor 2(hrs./type)	OK

Filters		**Piping/Instrumentation**			**TEMP**	**F.P.M.**
Inlet (hrs./clean/replaced)	OK	Hangers (ok/repair)	OK			
Bypass(hrs/clean/replaced)	REPLACED	Piping (ok/repair)	OK			
Liquid Carbon (gals/replaced)	OK	Wiring (ok/repair)	OK			
Vapor Carbon (cft/replaced)	OK	Sensors (ok/repair)	OK			
Monitoring Well MW-20 water depth =	4.3					

Daily Notes:

14:55 - Turn Blower 2 off, filter replaced

15:20 - Turn Blower 2 on hand

15:30 - Inside building to take readings

TABLE 1
Sub Slab Depressurization System O M Checklist
Former Standard Motor Products
37-18 Northern Boulevard, Long Island City, NY

Date: 03 - 13 - 2024 **Time: onsite - 09:30** **offsite - 11:30** **Technician(s): A. Spaulding**

System Status (circle type)

Maintenance Type:	Scheduled	Alert	Shutdown	Response
System Status:onsite	Manual	Auto	Shutdown	Off
System Status:offsite	Manual	Auto	Shutdown	Off
Blower 1 Status:	Manual	Auto	Shutdown	Off
Blower 2 Status:	Manual	Auto / Hand	Shutdown	Off
Transfer Pump Status:	Manual	Auto		Off
Genaral Alarm Status:	On / off/Auto	Pressure	Temp.	Level
Bypass Valve:	Closed	Open	Angle (record)	
VE High Water Status	On/Off	Off		

System Readings (record values)

Pressure		**Temperature**		**Flow**		
Inlet Vacuum (in H2O) ①	9.2			Vacuum Exhaust (cfm)	862.7	
Differ.Filter (in H20) ②	16R / 18L: 2.0	Inlet (gas) ⑦	61	Vacuum Total (cf)		
		Blower 1(oil)	-		Flow (cfm)	Pressure (psi)
Blower 1 Inlet (in H2O)	-	Motor 1 (windings)	-	sparge #1	-	-
Blower 2 Inlet (in H2O) ③	23.0	Blower 2 (oil) ⑧	163	sparge #2	-	-
Outlet Manifold (in H2O) ④	3.0	Motor 2 (windings) ⑨	81	sparge #3	-	-
Outlet Stack (in H2O) ⑤	0.36	Exhaust (gas) ⑩	78	sparge #4	-	-
Sparge Compress (psi) ⑥	-	Sparge Manifold Temp. ⑪	68	sparge #5	-	-
SSDS Inlet (in H2O) ⑫	8.5	Trailer (ambient)	-	sparge #6	-	-
Bypass Inlet (in H2O) ⑬	9.8			sparge #7	-	-
				sparge #8	-	-
Vacuum Laterals	Velocity (fpm)	Vaccum (in. H2O)		sparge #9	-	-
Lateral #1	-	-		sparge #10	-	-
Lateral #2	-	-				
Lateral #3	-	-				

Meters		**PID Readings(optional)**		**Electrical**	
Blower 1 (hrs.) ⑭	36655	Inlet (ppm) ①	0.0	Supply L1/L2/L3 (volts)	-
Blower 2 (hrs.) ⑮	25215.1	Outlet Manifold(ppm) ④	0.1	System L1/L2/L3(amps)	-
Condensate (gals.)	-	Outlet Stack (ppm) ⑤	0.1	Blower 1 L1/L2/L3(amps)	-
Sparge Compress(hrs)	-			Blower 2 L1/L2/L3(amps)	-
VFD Setting	-			VFD Frequency	-

Observations (record condition):

Vibration		**Noise**		**Leaks**	
Blower Skid 1 (ok/ type)	OFF	Blower Skid 1 (ok/type)	OFF	Blower Skid 1 (ok/fluid/gas)	OFF
Blower Skid 2 (ok/type)	OK	Blower Skid 2 (ok/type)	OK	Blower Skid 2 (ok/fluid/gas)	OK
Compressor (ok/ type)	OFF	Compressor (ok/ type)	OFF	Compressor (ok/ type)	OFF
System (ok/type)	OK	System (ok/type)	OK	System (ok/fluid/gas)	OK
Rotary Claw (ok/type)	OK				

Maintenance (record service):

Oil Change		**V-Belts Tension**		**Motor Grease**	
Blower 1 (hrs./type)	OFF	Blower 1 (ok/deflec.)	OFF	Motor 1(hrs./type)	OFF
Blower 2 (hrs./type)	YES	Blower 2 (ok/deflec.)	OK	Motor 2(hrs./type)	YES

Filters		**Piping/Instrumentation**			**TEMP**	**F.P.M.**
Inlet (hrs./clean/replaced)	OK	Hangers (ok/repair)	OK			
Bypass(hrs/clean/replaced)	REPLACED	Piping (ok/repair)	OK			
Liquid Carbon (gals/replaced)	OK	Wiring (ok/repair)	OK			
Vapor Carbon (cft/replaced)	OK	Sensors (ok/repair)	OK			
Monitoring Well MW-20 water depth =	3.71					

Daily Notes:

10:24 - Turn Blower 2 off, filter replaced

11:10 - Turn Blower 2 on hand

TABLE 1
Sub Slab Depressurization System O M Checklist
Former Standard Motor Products
37-18 Northern Boulevard, Long Island City, NY

Date: 04 - 02 - 2024 **Time: onsite - 11:30** **offsite - 14:00** **Technician(s): A. Spaulding**

System Status (circle type)

Maintenance Type:	Scheduled	Alert	Shutdown	Response
System Status:onsite	Manual	Auto	Shutdown	Off
System Status:offsite	Manual	Auto	Shutdown	Off
Blower 1 Status:	Manual	Auto	Shutdown	Off
Blower 2 Status:	Manual	Auto / Hand	Shutdown	Off
Transfer Pump Status:	Manual	Auto		Off
Genaral Alarm Status:	On / off/Auto	Pressure	Temp.	Level
Bypass Valve:	Closed	Open	Angle (record)	
VE High Water Status	On/Off	Off		

System Readings (record values)

Pressure		**Temperature**		**Flow**		
Inlet Vacuum (in H2O) ①	9.0			Vacuum Exhaust (cfm)	885.7	
Differ.Filter (in H20) ②	17R / 18L: 1.0	Inlet (gas) ⑦	59	Vacuum Total (cf)		
		Blower 1(oil)	-		Flow (cfm)	Pressure (psi)
Blower 1 Inlet (in H2O)	-	Motor 1 (windings)	-	sparge #1	-	-
Blower 2 Inlet (in H2O) ③	24.0	Blower 2 (oil) ⑧	166	sparge #2	-	-
Outlet Manifold (in H2O) ④	3.0	Motor 2 (windings) ⑨	64	sparge #3	-	-
Outlet Stack (in H2O) ⑤	0.36	Exhaust (gas) ⑩	74	sparge #4	-	-
Sparge Compress (psi) ⑥	-	Sparge Manifold Temp. ⑪	60	sparge #5	-	-
SSDS Inlet (in H2O) ⑫	8.5	Trailer (ambient)	-	sparge #6	-	-
Bypass Inlet (in H2O) ⑬	9.8			sparge #7	-	-
				sparge #8	-	-
Vacuum Laterals	Velocity (fpm)	Vaccum (in. H2O)		sparge #9	-	-
Lateral #1	-	-		sparge #10	-	-
Lateral #2	-	-				
Lateral #3	-	-				

Meters		**PID Readings(optional)**		**Electrical**	
Blower 1 (hrs.) ⑭	36655	Inlet (ppm) ①	0.1	Supply L1/L2/L3 (volts)	-
Blower 2 (hrs.) ⑮	25215.1	Outlet Manifold(ppm) ④	0.1	System L1/L2/L3(amps)	-
Condensate (gals.)	-	Outlet Stack (ppm) ⑤	0.2	Blower 1 L1/L2/L3(amps)	-
Sparge Compress(hrs)	-			Blower 2 L1/L2/L3(amps)	-
VFD Setting	-			VFD Frequency	-

Observations (record condition):

Vibration		**Noise**		**Leaks**	
Blower Skid 1 (ok/ type)	OFF	Blower Skid 1 (ok/type)	OFF	Blower Skid 1 (ok/fluid/gas)	OFF
Blower Skid 2 (ok/type)	OK	Blower Skid 2 (ok/type)	OK	Blower Skid 2 (ok/fluid/gas)	OK
Compressor (ok/ type)	OFF	Compressor (ok/ type)	OFF	Compressor (ok/ type)	OFF
System (ok/type)	OK	System (ok/type)	OK	System (ok/fluid/gas)	OK
Rotary Claw (ok/type)	OK				

Maintenance (record service):

Oil Change		**V-Belts Tension**		**Motor Grease**	
Blower 1 (hrs./type)	OFF	Blower 1 (ok/deflec.)	OFF	Motor 1(hrs./type)	OFF
Blower 2 (hrs./type)	NO	Blower 2 (ok/deflec.)	OK	Motor 2(hrs./type)	NO

Filters		**Piping/Instrumentation**			**TEMP**	**F.P.M.**
Inlet (hrs./clean/replaced)	OK	Hangers (ok/repair)	OK			
Bypass(hrs/clean/replaced)	REPLACED	Piping (ok/repair)	OK			
Liquid Carbon (gals/replaced)	OK	Wiring (ok/repair)	OK			
Vapor Carbon (cft/replaced)	OK	Sensors (ok/repair)	OK			
Monitoring Well MW-20 water depth =	4.02					

Daily Notes:

12:30 - Turn Blower 2 off, filter replaced

13:16 - Turn Blower 2 on

GZA GeoEnvironmental
Air Sparge/Vapor Extraction System O M Checklist
Former Standard Motor Products
37-18 Northern Boulevard, Long Island City, NY

Date: 5/8/24 **Time: onsite 8:12** **offsite 9:12** **Technician(s): Dayann Vindas & Mary Nichols**

System Status (circle type)

Maintenance Type:	Scheduled	Alert	Shutdown	Response
System Status:onsite	Manual	Auto	Shutdown	Off
System Status:offsite	Manual	Auto	Shutdown	Off
Blower 1 Status:	Manual	Auto	Shutdown	Off
Blower 2 Status:	Manual	Auto / Hand	Shutdown	Off
Transfer Pump Status:	Manual	Auto		Off
Genaral Alarm Status:	On / off/Auto	Pressure	Temp.	Level
Bypass Valve:	Closed	Open	Angle (record)	
VE High Water Status	On/Off	Off		

System Readings (record values)

Pressure		**Temperature**		**Flow**		
Inlet Vacuum (in H2O) ①	9.2			Vacuum Exhaust (cfm)	868.6	
Differ.Filter (in H2O) ②	2.00	Inlet (gas) ⑦	68	Vacuum Total (cf)		
		Blower 1(oil)	-		Flow (cfm)	Pressure (psi)
Blower 1 Inlet (in H2O)	-	Motor 1 (windings)	-	sparge #1	-	-
Blower 2 Inlet (in H2O) ③	22.0	Blower 2 (oil) ⑧	174.2	sparge #2	-	-
Outlet Manifold (in H2O) ④	3.0	Motor 2 (windings) ⑨	74.6	sparge #3	-	-
Outlet Stack (in H2O) ⑤	0.2	Exhaust (gas) ⑩	84.2	sparge #4	-	-
Sparge Compress (psi) ⑥	-	Sparge Manifold Temp. ⑪	75.2	sparge #5	-	-
SSDS Inlet (in H2O) ⑫	9.0	Trailer (ambient)	68.9	sparge #6	-	-
Bypass Inlet (in H2O) ⑬	-10			sparge #7	-	-
				sparge #8	-	-
Vacuum Laterals	Velocity (fpm)	Vaccum (in. H2O)		sparge #9	-	-
Lateral #1	-	-		sparge #10	-	-
Lateral #2	-	-				
Lateral #3	-	-				

Meters		**PID Readings(optional)**		**Electrical**	
Blower 1 (hrs.) ⑭	366551	Inlet (ppm)	0.0	Supply L1/L2/L3 (volts)	-
Blower 2 (hrs.) ⑮	252151.0	Outlet Manifold(ppm)	0.0	System L1/L2/L3(amps)	-
Condensate (gals.)	-	Outlet Stack (ppm)	0.0	Blower 1 L1/L2/L3(amps)	-
Sparge Compress(hrs)	-			Blower 2 L1/L2/L3(amps)	-
VFD Setting	-			VFD Frequency	

Observations (record condition):

Vibration		**Noise**		**Leaks**	
Blower Skid 1 (ok/ type)	OFF	Blower Skid 1 (ok/type)	OFF	Blower Skid 1 (ok/fluid/gas)	OFF
Blower Skid 2 (ok/type)	OK	Blower Skid 2 (ok/type)	OK	Blower Skid 2 (ok/fluid/gas)	OK
Compressor (ok/ type)	OFF	Compressor (ok/ type)	OFF	Compressor (ok/ type)	OFF
System (ok/type)	OK	System (ok/type)	OK	System (ok/fluid/gas)	OK
Rotary Claw (ok/type)	OK				

Maintenance (record service):

Oil Change		**V-Belts Tension**		**Motor Grease**	
Blower 1 (hrs./type)	OFF	Blower 1 (ok/deflec.)	OFF	Motor 1(hrs./type)	OFF
Blower 2 (hrs./type)	NO	Blower 2 (ok/deflec.)	OK	Motor 2(hrs./type)	YES

Filters		**Piping/Instrumentation**			**TEMP**	**F.P.M.**
Inlet (hrs./clean/replaced)	OK	Hangers (ok/repair)	OK			
Bypass(hrs/clean/replaced)	REPLACED	Piping (ok/repair)	OK			
Liquid Carbon (gals/replaced)	OK	Wiring (ok/repair)	OK			
Vapor Carbon (cft/replaced)	OK	Sensors (ok/repair)	OK			
Monitoring Well MW-20 water depth =	4.2					

Daily Notes:

Blower 2 turned off at 8:48 to replace filter.

Blower 2 turned on at 8:58.

TABLE 1
Sub Slab Depressurization System O M Checklist
Former Standard Motor Products
37-18 Northern Boulevard, Long Island City, NY

Date: 06-06-2024 **Time: onsite - 09:14** **offsite - 09:55** **Technician(s): Dayann Vindas**

System Status (circle type)

Maintenance Type:	Scheduled	Alert	Shutdown	Response
System Status:onsite	Manual	Auto	Shutdown	Off
System Status:offsite	Manual	Auto	Shutdown	Off
Blower 1 Status:	Manual	Auto	Shutdown	Off
Blower 2 Status:	Manual	Auto / Hand	Shutdown	Off
Transfer Pump Status:	Manual	Auto		Off
Genaral Alarm Status:	On / off/Auto	Pressure	Temp.	Level
Bypass Valve:	Closed	Open	Angle (record)	
VE High Water Status	On/Off	Off		

System Readings (record values)

Pressure		**Temperature**		**Flow**		
Inlet Vacuum (in H2O) ①	9.0			Vacuum Exhaust (cfm)	828.3	
Differ.Filter (in H20) ②	16R / 18L: 2.0	Inlet (gas) ⑦	77	Vacuum Total (cf)		
		Blower 1(oil)	-		Flow (cfm)	Pressure (psi)
Blower 1 Inlet (in H2O)	-	Motor 1 (windings)	-	sparge #1	-	-
Blower 2 Inlet (in H2O) ③	22.0	Blower 2 (oil) ⑧	78.6	sparge #2	-	-
Outlet Manifold (in H2O) ④	3.0	Motor 2 (windings) ⑨	85.4	sparge #3	-	-
Outlet Stack (in H2O) ⑤	0.2	Exhaust (gas) ⑩	90.3	sparge #4	-	-
Sparge Compress (psi) ⑥	-	Sparge Manifold Temp. ⑪	93.3	sparge #5	-	-
SSDS Inlet (in H2O) ⑫	11.0	Trailer (ambient)	79.8	sparge #6	-	-
Bypass Inlet (in H2O) ⑬	10			sparge #7	-	-
				sparge #8	-	-
Vacuum Laterals	Velocity (fpm)	Vaccum (in. H2O)		sparge #9	-	-
Lateral #1	-	-		sparge #10	-	-
Lateral #2	-	-				
Lateral #3	-	-				

Meters		**PID Readings(optional)**		**Electrical**	
Blower 1 (hrs.) ⑭	3665.1	Inlet (ppm) ①	0.0	Supply L1/L2/L3 (volts)	-
Blower 2 (hrs.) ⑮	25215.1	Outlet Manifold(ppm) ④	0.1	System L1/L2/L3(amps)	-
Condensate (gals.)	-	Outlet Stack (ppm) ⑤	1.0	Blower 1 L1/L2/L3(amps)	-
Sparge Compress(hrs)	-			Blower 2 L1/L2/L3(amps)	-
VFD Setting	-			VFD Frequency	-

Observations (record condition):

Vibration		**Noise**		**Leaks**	
Blower Skid 1 (ok/ type)	OFF	Blower Skid 1 (ok/type)	OFF	Blower Skid 1 (ok/fluid/gas)	OFF
Blower Skid 2 (ok/type)	OK	Blower Skid 2 (ok/type)	OK	Blower Skid 2 (ok/fluid/gas)	OK
Compressor (ok/ type)	OFF	Compressor (ok/ type)	OFF	Compressor (ok/ type)	OFF
System (ok/type)	OK	System (ok/type)	OK	System (ok/fluid/gas)	OK
Rotary Claw (ok/type)	OK				

Maintenance (record service):

Oil Change		**V-Belts Tension**		**Motor Grease**	
Blower 1 (hrs./type)	OFF	Blower 1 (ok/deflec.)	OFF	Motor 1(hrs./type)	OFF
Blower 2 (hrs./type)	NO	Blower 2 (ok/deflec.)	OK	Motor 2(hrs./type)	NO

Filters		**Piping/Instrumentation**			**TEMP**	**F.P.M.**
Inlet (hrs./clean/replaced)	OK	Hangers (ok/repair)	OK			
Bypass(hrs/clean/replaced)	REPLACED	Piping (ok/repair)	OK			
Liquid Carbon (gals/replaced)	OK	Wiring (ok/repair)	OK			
Vapor Carbon (cft/replaced)	OK	Sensors (ok/repair)	OK			
Monitoring Well MW-20 water depth =	4.38					

Daily Notes:

09:46 - Turn Blower 2 off, filter replaced

09:54 - Turn Blower 2 on hand

TABLE 1
Sub Slab Depressurization System O M Checklist
Former Standard Motor Products
37-18 Northern Boulevard, Long Island City, NY

Date: 07-03-2024 Time: onsite - 09:15 offsite - 10:00 Technician(s): D. Vindas

System Status (circle type)

Maintenance Type:	Scheduled	Alert	Shutdown	Response
System Status:onsite	Manual	Auto	Shutdown	Off
System Status:offsite	Manual	Auto	Shutdown	Off
Blower 1 Status:	Manual	Auto	Shutdown	Off
Blower 2 Status:	Manual	Auto / Hand	Shutdown	Off
Transfer Pump Status:	Manual	Auto		Off
Genaral Alarm Status:	On / off/Auto	Pressure	Temp.	Level
Bypass Valve:	Closed	Open	Angle (record)	
VE High Water Status	On/Off	Off		

System Readings (record values)

Pressure		**Temperature**		**Flow**		
Inlet Vacuum (in H2O) ①	9.0			Vacuum Exhaust (cfm)	826.7	
Differ.Filter (in H20) ②	16R / 18L: 2.0	Inlet (gas) ⑦	78.9	Vacuum Total (cf)		
		Blower 1(oil)	-		Flow (cfm)	Pressure (psi)
Blower 1 Inlet (in H2O)	-	Motor 1 (windings)	-	sparge #1	-	-
Blower 2 Inlet (in H2O) ③	23.0	Blower 2 (oil) ⑧	143.4	sparge #2	-	-
Outlet Manifold (in H2O) ④	3.0	Motor 2 (windings) ⑨	87.4	sparge #3	-	-
Outlet Stack (in H2O) ⑤	0.18	Exhaust (gas) ⑩	93.5	sparge #4	-	-
Sparge Compress (psi) ⑥	-	Sparge Manifold Temp. ⑪	84	sparge #5	-	-
SSDS Inlet (in H2O) ⑫	8.0	Trailer (ambient)	80.2	sparge #6	-	-
Bypass Inlet (in H2O) ⑬	10			sparge #7	-	-
				sparge #8	-	-
Vacuum Laterals	Velocity (fpm)	Vaccum (in. H2O)		sparge #9	-	-
Lateral #1	-	-		sparge #10	-	-
Lateral #2	-	-				
Lateral #3	-	-				

Meters		**PID Readings(optional)**		**Electrical**	
Blower 1 (hrs.) ⑭	36655	Inlet (ppm) ①	0.0	Supply L1/L2/L3 (volts)	-
Blower 2 (hrs.) ⑮	25215.1	Outlet Manifold(ppm) ④	0.1	System L1/L2/L3(amps)	-
Condensate (gals.)	-	Outlet Stack (ppm) ⑤	0.1	Blower 1 L1/L2/L3(amps)	-
Sparge Compress(hrs)	-			Blower 2 L1/L2/L3(amps)	-
VFD Setting	-			VFD Frequency	-

Observations (record condition):

Vibration		**Noise**		**Leaks**	
Blower Skid 1 (ok/ type)	OFF	Blower Skid 1 (ok/type)	OFF	Blower Skid 1 (ok/fluid/gas)	OFF
Blower Skid 2 (ok/type)	OK	Blower Skid 2 (ok/type)	OK	Blower Skid 2 (ok/fluid/gas)	OK
Compressor (ok/ type)	OFF	Compressor (ok/ type)	OFF	Compressor (ok/ type)	OFF
System (ok/type)	OK	System (ok/type)	OK	System (ok/fluid/gas)	OK
Rotary Claw (ok/type)	OK				

Maintenance (record service):

Oil Change		**V-Belts Tension**		**Motor Grease**	
Blower 1 (hrs./type)	OFF	Blower 1 (ok/deflec.)	OFF	Motor 1(hrs./type)	OFF
Blower 2 (hrs./type)	NO	Blower 2 (ok/deflec.)	OK	Motor 2(hrs./type)	NO

Filters		**Piping/Instrumentation**			**TEMP**	**F.P.M.**
Inlet (hrs./clean/replaced)	OK	Hangers (ok/repair)	OK			
Bypass(hrs/clean/replaced)	REPLACED	Piping (ok/repair)	OK			
Liquid Carbon (gals/replaced)	OK	Wiring (ok/repair)	OK			
Vapor Carbon (cft/replaced)	OK	Sensors (ok/repair)	OK			
Monitoring Well MW-20 water depth =	4.56					

Daily Notes:

9:43 Blower 2 off for filter replacement.

9:48 Blower 2 on.

GZA GeoEnvironmental
Air Sparge/Vapor Extraction System O M Checklist
Former Standard Motor Products
37-18 Northern Boulevard, Long Island City, NY

Date: 8/28/24 **Time: onsite 10:00** **offsite 11:00** **Technician(s): Dayann Vindas & Peter McDonnell**

System Status (circle type)

Maintenance Type:	Scheduled	Alert	Shutdown	Response
System Status:onsite	Manual	Auto	Shutdown	Off
System Status:offsite	Manual	Auto	Shutdown	Off
Blower 1 Status:	Manual	Auto	Shutdown	Off
Blower 2 Status:	Manual	Auto / Hand	Shutdown	Off
Transfer Pump Status:	Manual	Auto		Off
Genaral Alarm Status:	On / off/Auto	Pressure	Temp.	Level
Bypass Valve:	Closed	Open	Angle (record)	
VE High Water Status	On/Off	Off		

System Readings (record values)

Pressure		**Temperature**		**Flow**		
Inlet Vacuum (in H2O) ①	9.4			Vacuum Exhaust (cfm)	846.5	
Differ.Filter (in H20) ②	1.00	Inlet (gas) ⑦	81.5	Vacuum Total (cf)		
		Blower 1(oil)	-		Flow (cfm)	Pressure (psi)
Blower 1 Inlet (in H2O)	-	Motor 1 (windings)	-	sparge #1	-	-
Blower 2 Inlet (in H2O) ③	22.0	Blower 2 (oil) ⑧	173.8	sparge #2	-	-
Outlet Manifold (in H2O) ④	3.0	Motor 2 (windings) ⑨	94.4	sparge #3	-	-
Outlet Stack (in H2O) ⑤	0.24	Exhaust (gas) ⑩	94.2	sparge #4	-	-
Sparge Compress (psi) ⑥	-	Sparge Manifold Temp. ⑪	-	sparge #5	-	-
SSDS Inlet (in H2O) ⑫	9.0	Trailer (ambient)	84.2	sparge #6	-	-
Bypass Inlet (in H2O) ⑬	10			sparge #7	-	-
				sparge #8	-	-
Vacuum Laterals	Velocity (fpm)	Vaccum (in. H2O)		sparge #9	-	-
Lateral #1	-	-		sparge #10	-	-
Lateral #2	-	-				
Lateral #3	-	-				

Meters		**PID Readings(optional)**		**Electrical**	
Blower 1 (hrs.) ⑭	366551	Inlet (ppm)	0.2	Supply L1/L2/L3 (volts)	-
Blower 2 (hrs.) ⑮	252152.0	Outlet Manifold(ppm)	0.1	System L1/L2/L3(amps)	-
Condensate (gals.)	-	Outlet Stack (ppm)	0.1	Blower 1 L1/L2/L3(amps)	-
Sparge Compress(hrs)	-			Blower 2 L1/L2/L3(amps)	-
VFD Setting	-			VFD Frequency	

Observations (record condition):

Vibration		**Noise**		**Leaks**	
Blower Skid 1 (ok/ type)	OFF	Blower Skid 1 (ok/type)	OFF	Blower Skid 1 (ok/fluid/gas)	OFF
Blower Skid 2 (ok/type)	OK	Blower Skid 2 (ok/type)	OK	Blower Skid 2 (ok/fluid/gas)	OK
Compressor (ok/ type)	OFF	Compressor (ok/ type)	OFF	Compressor (ok/ type)	OFF
System (ok/type)	OK	System (ok/type)	OK	System (ok/fluid/gas)	OK
Rotary Claw (ok/type)	OK				

Maintenance (record service):

Oil Change		**V-Belts Tension**		**Motor Grease**	
Blower 1 (hrs./type)	OFF	Blower 1 (ok/deflec.)	OFF	Motor 1(hrs./type)	OFF
Blower 2 (hrs./type)	NO	Blower 2 (ok/deflec.)	OK	Motor 2(hrs./type)	NO

Filters		**Piping/Instrumentation**			**TEMP**	**F.P.M.**
Inlet (hrs./clean/replaced)	OK	Hangers (ok/repair)	OK			
Bypass(hrs/clean/replaced)	REPLACED	Piping (ok/repair)	OK			
Liquid Carbon (gals/replaced)	OK	Wiring (ok/repair)	OK			
Vapor Carbon (cft/replaced)	OK	Sensors (ok/repair)	OK			
Monitoring Well MW-20 water depth =	4.28					

Daily Notes:

Blower 2 turned off at 11:10 to replace filter.

Blower 2 turned on at 11:16.

TABLE 1

Sub Slab Depressurization System O M Checklist
Former Standard Motor Products
37-18 Northern Boulevard, Long Island City, NY

Date: 09 - 23 - 2024 **Time: onsite - 10:00** **offsite - 12:30** **Technician(s): A. Spaulding**

System Status (circle type)

Maintenance Type:	Scheduled	Alert	Shutdown	Response
System Status:onsite	Manual	Auto	Shutdown	Off
System Status:offsite	Manual	Auto	Shutdown	Off
Blower 1 Status:	Manual	Auto	Shutdown	Off
Blower 2 Status:	Manual	Auto / Hand	Shutdown	Off
Transfer Pump Status:	Manual	Auto		Off
Genaral Alarm Status:	On / off/Auto	Pressure	Temp.	Level
Bypass Valve:	Closed	Open	Angle (record)	
VE High Water Status	On/Off	Off		

System Readings (record values)

Pressure		**Temperature**		**Flow**		
Inlet Vacuum (in H2O) ①	9.6			Vacuum Exhaust (cfm)	845.5	
Differ.Filter (in H20) ②	17R / 18L: 1.0	Inlet (gas) ⑦	83.1	Vacuum Total (cf)		
		Blower 1(oil)	-		Flow (cfm)	Pressure (psi)
Blower 1 Inlet (in H2O)	-	Motor 1 (windings)	-	sparge #1	-	-
Blower 2 Inlet (in H2O) ③	23.5	Blower 2 (oil) ⑧	143.6	sparge #2	-	-
Outlet Manifold (in H2O) ④	3.1	Motor 2 (windings) ⑨	83.3	sparge #3	-	-
Outlet Stack (in H2O) ⑤	0.22	Exhaust (gas) ⑩	88.8	sparge #4	-	-
Sparge Compress (psi) ⑥	-	Sparge Manifold Temp. ⑪	76.1	sparge #5	-	-
SSDS Inlet (in H2O) ⑫	-9.0	Trailer (ambient)	-	sparge #6	-	-
Bypass Inlet (in H2O) ⑬	-10			sparge #7	-	-
				sparge #8	-	-
Vacuum Laterals	Velocity (fpm)	Vaccum (in. H2O)		sparge #9	-	-
Lateral #1	-	-		sparge #10	-	-
Lateral #2	-	-				
Lateral #3	-	-				

Meters		**PID Readings(optional)**		**Electrical**	
Blower 1 (hrs.) ⑭	36655	Inlet (ppm) ①	0.0	Supply L1/L2/L3 (volts)	-
Blower 2 (hrs.) ⑮	25215.1	Outlet Manifold(ppm) ④	0.0	System L1/L2/L3(amps)	-
Condensate (gals.)	-	Outlet Stack (ppm) ⑤	0.0	Blower 1 L1/L2/L3(amps)	-
Sparge Compress(hrs)	-			Blower 2 L1/L2/L3(amps)	-
VFD Setting	-			VFD Frequency	-

Observations (record condition):

Vibration		**Noise**		**Leaks**	
Blower Skid 1 (ok/ type)	OFF	Blower Skid 1 (ok/type)	OFF	Blower Skid 1 (ok/fluid/gas)	OFF
Blower Skid 2 (ok/type)	OK	Blower Skid 2 (ok/type)	OK	Blower Skid 2 (ok/fluid/gas)	OK
Compressor (ok/ type)	OFF	Compressor (ok/ type)	OFF	Compressor (ok/ type)	OFF
System (ok/type)	OK	System (ok/type)	OK	System (ok/fluid/gas)	OK
Rotary Claw (ok/type)	OK				

Maintenance (record service):

Oil Change		**V-Belts Tension**		**Motor Grease**	
Blower 1 (hrs./type)	OFF	Blower 1 (ok/deflec.)	OFF	Motor 1(hrs./type)	OFF
Blower 2 (hrs./type)	1/8th	Blower 2 (ok/deflec.)	OK	Motor 2(hrs./type)	NO

Filters		**Piping/Instrumentation**			**TEMP**	**F.P.M.**
Inlet (hrs./clean/replaced)	OK	Hangers (ok/repair)	OK			
Bypass(hrs/clean/replaced)	REPLACED	Piping (ok/repair)	OK			
Liquid Carbon (gals/replaced)	OK	Wiring (ok/repair)	OK			
Vapor Carbon (cft/replaced)	OK	Sensors (ok/repair)	OK			
Monitoring Well MW-20 water depth =	-					

Daily Notes:

12:30 - Turn Blower 2 off, filter replaced

13:16 - Turn Blower 2 on

TABLE 1
Sub Slab Depressurization System O M Checklist
Former Standard Motor Products
37-18 Northern Boulevard, Long Island City, NY

Date: 10 - 21 - 2024 **Time: onsite - 09:45** **offsite - 12:30** **Technician(s): A. Spaulding**

System Status (circle type)

Maintenance Type:	Scheduled	Alert	Shutdown	Response
System Status:onsite	Manual	Auto	Shutdown	Off
System Status:offsite	Manual	Auto	Shutdown	Off
Blower 1 Status:	Manual	Auto	Shutdown	Off
Blower 2 Status:	Manual	Auto / Hand	Shutdown	Off
Transfer Pump Status:	Manual	Auto		Off
Genaral Alarm Status:	On / off/Auto	Pressure	Temp.	Level
Bypass Valve:	Closed	Open	Angle (record)	
VE High Water Status	On/Off	Off		

System Readings (record values)

Pressure		**Temperature**		**Flow**		
Inlet Vacuum (in H2O) ①	9.3			Vacuum Exhaust (cfm)	887.4	
Differ.Filter (in H20) ②	16.21 R / 17.61 L: 1.0	Inlet (gas) ⑦	72	Vacuum Total (cf)		
		Blower 1(oil)	-		Flow (cfm)	Pressure (psi)
Blower 1 Inlet (in H2O)	-	Motor 1 (windings)	-	sparge #1	-	-
Blower 2 Inlet (in H2O) ③	22.4	Blower 2 (oil) ⑧	153.1	sparge #2	-	-
Outlet Manifold (in H2O) ④	3.1	Motor 2 (windings) ⑨	80.4	sparge #3	-	-
Outlet Stack (in H2O) ⑤	0.22	Exhaust (gas) ⑩	85.1	sparge #4	-	-
Sparge Compress (psi) ⑥	-	Sparge Manifold Temp. ⑪	77.1	sparge #5	-	-
SSDS Inlet (in H2O) ⑫	-9.0	Trailer (ambient)	-	sparge #6	-	-
Bypass Inlet (in H2O) ⑬	-10			sparge #7	-	-
				sparge #8	-	-
Vacuum Laterals	Velocity (fpm)	Vaccum (in. H2O)		sparge #9	-	-
Lateral #1	-	-		sparge #10	-	-
Lateral #2	-	-				
Lateral #3	-	-				

Meters		**PID Readings(optional)**		**Electrical**	
Blower 1 (hrs.) ⑭	36655	Inlet (ppm) ①	0.0	Supply L1/L2/L3 (volts)	-
Blower 2 (hrs.) ⑮	25215.1	Outlet Manifold(ppm) ④	0.0	System L1/L2/L3(amps)	-
Condensate (gals.)	-	Outlet Stack (ppm) ⑤	0.0	Blower 1 L1/L2/L3(amps)	-
Sparge Compress(hrs)	-			Blower 2 L1/L2/L3(amps)	-
VFD Setting	-			VFD Frequency	-

Observations (record condition):

Vibration		**Noise**		**Leaks**	
Blower Skid 1 (ok/ type)	OFF	Blower Skid 1 (ok/type)	OFF	Blower Skid 1 (ok/fluid/gas)	OFF
Blower Skid 2 (ok/type)	OK	Blower Skid 2 (ok/type)	OK	Blower Skid 2 (ok/fluid/gas)	OK
Compressor (ok/ type)	OFF	Compressor (ok/ type)	OFF	Compressor (ok/ type)	OFF
System (ok/type)	OK	System (ok/type)	OK	System (ok/fluid/gas)	OK
Rotary Claw (ok/type)	OK				

Maintenance (record service):

Oil Change		**V-Belts Tension**		**Motor Grease**	
Blower 1 (hrs./type)	OFF	Blower 1 (ok/deflec.)	OFF	Motor 1(hrs./type)	OFF
Blower 2 (hrs./type)	1 qt, bled lines as noise was occuring	Blower 2 (ok/deflec.)	OK	Motor 2(hrs./type)	YES

Filters		**Piping/Instrumentation**			**TEMP**	**F.P.M.**
Inlet (hrs./clean/replaced)	OK	Hangers (ok/repair)	OK			
Bypass(hrs/clean/replaced)	REPLACED	Piping (ok/repair)	OK			
Liquid Carbon (gals/replaced)	OK	Wiring (ok/repair)	OK			
Vapor Carbon (cft/replaced)	OK	Sensors (ok/repair)	OK			
Monitoring Well MW-20 water depth =	-					

Daily Notes:

10:35- blower off , filter replaced

11:03 - back on

11:15- blower off again, making power flux noises

11:50 -back on after oil change/ purge and greasing bearings

GZA GeoEnvironmental
Air Sparge/Vapor Extraction System O M Checklist
Former Standard Motor Products
37-18 Northern Boulevard, Long Island City, NY

Date: 11/5/24	**Time: onsite 7:30**	**offsite 2:15**	**Technician(s): Adam Spaulding & Shawn Martin**	
System Status (circle type)				
Maintenance Type:	Scheduled	Alert	Shutdown	Response
System Status:onsite	Manual	Auto	Shutdown	Off
System Status:offsite	Manual	Auto	Shutdown	Off
Blower 1 Status:	Manual	Auto	Shutdown	Off
Blower 2 Status:	Manual	Auto / Hand	Shutdown	Off
Transfer Pump Status:	Manual	Auto		Off
Genaral Alarm Status:	On / off/Auto	Pressure	Temp.	Level
Bypass Valve:	Closed	Open	Angle (record)	
VE High Water Status	On/Off	Off		

System Readings (record values)

Pressure		**Temperature**		**Flow**		
Inlet Vacuum (in H2O) ①	9.9			Vacuum Exhaust (cfm)	839.5	
Differ.Filter (in H20) ②	Right=17.4/Left=18.8	Inlet (gas) ⑦	75	Vacuum Total (cf)		
	1.4 pressure diff	Blower 1(oil)	-		Flow (cfm)	Pressure (psi)
Blower 1 Inlet (in H2O)	-	Motor 1 (windings)	-	sparge #1	-	-
Blower 2 Inlet (in H2O) ③	24.2	Blower 2 (oil) ⑧	125.4	sparge #2	-	-
Outlet Manifold (in H2O) ④	-3.0	Motor 2 (windings) ⑨	83.3	sparge #3	-	-
Outlet Stack (in H2O) ⑤	0	Exhaust (gas) ⑩	82	sparge #4	-	-
Sparge Compress (psi) ⑥	-	Sparge Manifold Temp. ⑪	79	sparge #5	-	-
SSDS Inlet (in H2O) ⑫	-9.0	Trailer (ambient)	79.0	sparge #6	-	-
Bypass Inlet (in H2O) ⑬	-10			sparge #7	-	-
				sparge #8	-	-
Vacuum Laterals	Velocity (fpm)	Vaccum (in. H2O)		sparge #9	-	-
Lateral #1	-	-		sparge #10	-	-
Lateral #2	-	-				
Lateral #3	-	-				

Meters		**PID Readings(optional)**		**Electrical**	
Blower 1 (hrs.) ⑭	366551	Inlet (ppm)	0.0	Supply L1/L2/L3 (volts)	-
Blower 2 (hrs.) ⑮	252151.0	Outlet Manifold(ppm)	0.0	System L1/L2/L3(amps)	-
Condensate (gals.)	-	Outlet Stack (ppm)	0.0	Blower 1 L1/L2/L3(amps)	-
Sparge Compress(hrs)	-			Blower 2 L1/L2/L3(amps)	-
VFD Setting	-			VFD Frequency	

Observations (record condition):

Vibration		**Noise**		**Leaks**	
Blower Skid 1 (ok/ type)	OFF	Blower Skid 1 (ok/type)	OFF	Blower Skid 1 (ok/fluid/gas)	OFF
Blower Skid 2 (ok/type)	OK	Blower Skid 2 (ok/type)	OK	Blower Skid 2 (ok/fluid/gas)	OK
Compressor (ok/ type)	OFF	Compressor (ok/ type)	OFF	Compressor (ok/ type)	OFF
System (ok/type)	OK	System (ok/type)	OK	System (ok/fluid/gas)	OK
Rotary Claw (ok/type)	OK				

Maintenance (record service):

Oil Change		**V-Belts Tension**		**Motor Grease**	
Blower 1 (hrs./type)	OFF	Blower 1 (ok/deflec.)	OFF	Motor 1(hrs./type)	OFF
Blower 2 (hrs./type)	NO	Blower 2 (ok/deflec.)	OK	Motor 2(hrs./type)	YES

Filters		**Piping/Instrumentation**			**TEMP**	**F.P.M.**
Inlet (hrs./clean/replaced)	OK	Hangers (ok/repair)	OK			
Bypass(hrs/clean/replaced)	REPLACED	Piping (ok/repair)	OK			
Liquid Carbon (gals/replaced)	OK	Wiring (ok/repair)	OK			
Vapor Carbon (cft/replaced)	OK	Sensors (ok/repair)	OK			
Monitoring Well MW-20 water depth =	4.2					

Daily Notes:

Blower 2 turned off at 8:48 to replace filter.

Blower 2 turned on at 8:58.

Langan Engineering
Air Sparge/Vapor Extraction System O M Checklist
Former Standard Motor Products
37-18 Northern Boulevard, Long Island City, NY

Date: 12/6/24 **Time: onsite 10:30** **offsite 2:00** **Technician(s):Shawn Martin**

System Status (circle type)

Maintenance Type:	Scheduled	Alert	Shutdown	Response
System Status:onsite	Manual	Auto	Shutdown	Off
System Status:offsite	Manual	Auto	Shutdown	Off
Blower 1 Status:	Manual	Auto	Shutdown	Off
Blower 2 Status:	Manual	Auto / Hand	Shutdown	Off
Transfer Pump Status:	Manual	Auto		Off
Genaral Alarm Status:	On / off/Auto	Pressure	Temp.	Level
Bypass Valve:	Closed	Open	Angle (record)	
VE High Water Status	On/Off	Off		

System Readings (record values)

Pressure		**Temperature**		**Flow**		
Inlet Vacuum (in H2O) ①	9.1			Vacuum Exhaust (cfm)	848.8	
Differ.Filter (in H20) ②	Right=16.2/Left=17.6	Inlet (gas) ⑦	52.9	Vacuum Total (cf)		
	1.4 pressure diff	Blower 1(oil)	-		Flow (cfm)	Pressure (psi)
Blower 1 Inlet (in H2O)	-	Motor 1 (windings)	-	sparge #1	-	-
Blower 2 Inlet (in H2O) ③	23.0	Blower 2 (oil) ⑧	115.5	sparge #2	-	-
Outlet Manifold (in H2O) ④	-2.6	Motor 2 (windings) ⑨	61.6	sparge #3	-	-
Outlet Stack (in H2O) ⑤	0	Exhaust (gas) ⑩	72.6	sparge #4	-	-
Sparge Compress (psi) ⑥	-	Sparge Manifold Temp. ⑪	77.5	sparge #5	-	-
SSDS Inlet (in H2O) ⑫	-8.1	Trailer (ambient)	51.4	sparge #6	-	-
Bypass Inlet (in H2O) ⑬	-10			sparge #7	-	-
				sparge #8	-	-
Vacuum Laterals	Velocity (fpm)	Vaccum (in. H2O)		sparge #9	-	-
Lateral #1	-	-		sparge #10	-	-
Lateral #2	-	-				
Lateral #3	-	-				

Meters		**PID Readings(optional)**		**Electrical**	
Blower 1 (hrs.) ⑭	36655	Inlet (ppm)	0.0	Supply L1/L2/L3 (volts)	-
Blower 2 (hrs.) ⑮	25215.0	Outlet Manifold(ppm)	0.0	System L1/L2/L3(amps)	-
Condensate (gals.)	-	Outlet Stack (ppm)	0.0	Blower 1 L1/L2/L3(amps)	-
Sparge Compress(hrs)	-			Blower 2 L1/L2/L3(amps)	-
VFD Setting	-			VFD Frequency	

Observations (record condition):

Vibration		**Noise**		**Leaks**	
Blower Skid 1 (ok/ type)	OFF	Blower Skid 1 (ok/type)	OFF	Blower Skid 1 (ok/fluid/gas)	OFF
Blower Skid 2 (ok/type)	OK	Blower Skid 2 (ok/type)	OK	Blower Skid 2 (ok/fluid/gas)	OK
Compressor (ok/ type)	OFF	Compressor (ok/ type)	OFF	Compressor (ok/ type)	OFF
System (ok/type)	OK	System (ok/type)	OK	System (ok/fluid/gas)	OK
Rotary Claw (ok/type)	OK				

Maintenance (record service):

Oil Change		**V-Belts Tension**		**Motor Grease**	
Blower 1 (hrs./type)	OFF	Blower 1 (ok/deflec.)	OFF	Motor 1(hrs./type)	OFF
Blower 2 (hrs./type)	NO	Blower 2 (ok/deflec.)	OK	Motor 2(hrs./type)	YES

Filters		**Piping/Instrumentation**			**TEMP**	**F.P.M.**
Inlet (hrs./clean/replaced)	OK	Hangers (ok/repair)	OK			
Bypass(hrs/clean/replaced)	REPLACED	Piping (ok/repair)	OK			
Liquid Carbon (gals/replaced)	OK	Wiring (ok/repair)	OK			
Vapor Carbon (cft/replaced)	OK	Sensors (ok/repair)	OK			
Monitoring Well MW-20 water depth =	4.2					

Daily Notes:

Blower 2 turned off at 12:20 to replace filter and grease the gears.

Blower 2 turned on at 12:40.

APPENDIX D SSDS READINGS

TABLE 2
SSDS SYSTEM TESTING RESULTS
Former Standard Motor Products
37-18 Northern Boulevard, Long Island City, NY

2/16/2024		Field Personnel: P. McDonnell & M. Nichols		
		Reading (in. WC)	Time	PID Reading (ppm)
Influent Header Vac (in. WC)		9.0	13:00	0.0
Blower Influent Vac (in. WC)		22.0	13:00	-
Blower Effluent Pressure (in. WC)		2.9	13:00	0.0
Blower Effluent Temperature (˚F)		82.7	13:00	0.0
Total Flowrate (cfm)		858.7	13:00	-
Sub-Slab Monitoring Point Vacuum (in. WC)	SB01	0.5	17:21	
	SB02	0.1	17:35	
	SB03	0.4	17:00	
	SB04	1.30	17:15	
	SB05	0.25	16:50	
	SB06	1.25	17:04	
	SB07	N/A*	N/A*	
	SB09	0.02	16:31	
	SB10	0.06	16:24	
	SB12	1.6	16:41	
	SB13	0.6	16:39	
	SB15	0.50	17:30	
	SB22	0.3	16:45	
	SB24	0.4	17:24	
	SB25	0.02	17:28	
Extraction Sump Vacuum Monitoring Guage (in. WC)	ES01	7.5	16:59	3.6
	ES02	N/A***	N/A**	N/A***
	ES03	8.6	16:37	0.0
	ES04	9.2	17:16	0.0
	ES05	8.8	17:10	0.0
	ES06	8.7	17:20	0.0
	ES07	8.2	16:27	0.0
	ES08	N/A***	17:28	N/A***
	ES09	N/A***	17:28	N/A***

Notes:

Sub-slab vacuum readings measured with Magnehelic manometers.

Extraction sump vacuum readings recorded from fixed gauge on extraction piping.

* - No measurement taken; sampling point either damaged or inaccessible because they were found underwater.

** - No measurement taken; sampling point inaccessible because building occupant(s) temporarily relocated shelving, boxes, etc.

*** - No measurement taken; access was denied to the tenant space.

TABLE 2

SSDS SYSTEM TESTING RESULTS

Former Standard Motor Products

37-18 Northern Boulevard, Long Island City, NY

Date: 5/8/24		Field Personnel: Dayann Vindas & Mary Nichols		
		Reading (in. WC)	Time	PID Reading (ppm)
Influent Header Vac (in. WC)		9.2	8:12	0.0
Blower Influent Vac (in. WC)		22.0	8:13	-
Blower Effluent Pressure (in. WC)		9.0	8:14	0.0
Blower Effluent Temperature (˚F)		84.2	8:15	-
Total Flowrate (cfm)		868.6	8:16	-
Sub-Slab Monitoring Point Vacuum (in. WC)	SB01	**	**	
	SB02	0.16	10:20	
	SB03	0.38	9:34	
	SB04	1.20	10:06	
	SB05	0.24	9:40	
	SB06	1.25	9:27	
	SB09	0.02	10:32	
	SB10	0.06	10:34	
	SB12	1.60	9:49	
	SB13	0.72	9:58	
	SB15	0.55	9:21	
	SB22	0.38	9:47	
	SB24	0.44	10:10	
	SB25	0.02	10:13	
Extraction Sump Vacuum Monitoring Guage (in. WC)	ES01	7.7	9:30	0.4
	ES02	10.4	10:01	0.0
	ES03	9.0	9:50	0.0
	ES04	9.4	10:08	0.0
	ES05	9.0	10:36	0.2
	ES06	**	**	**
	ES07	9.0	10:30	0.0
	ES08	9.0	9:15	0.0
	ES09	11.4	9:18	0.0

Notes:

Sub-slab vacuum readings measured with Magnehelic manometers.

Extraction sump vacuum readings recorded from fixed gauge on extraction piping.

* - No measurement taken; sampling point inaccessible because building occupant(s) temporarily relocated shelving, boxes, etc.

** - No measurement taken; access was denied to the tenant space.

TABLE 2
SSDS SYSTEM TESTING RESULTS
Former Standard Motor Products
37-18 Northern Boulevard, Long Island City, NY

Date: 8/28/24		Field Personnel: Dayann Vindas & Peter McDonnell		
		Reading (in. WC)	Time	PID Reading (ppm)
Influent Header Vac (in. WC)		9.4	10:16	0.2
Blower Influent Vac (in. WC)		22.0	10:16	-
Blower Effluent Pressure (in. WC)		9.0	10:16	0.1
Blower Effluent Temperature (˚F)		84.2	10:16	-
Total Flowrate (cfm)		846.5	10:16	-
Sub-Slab Monitoring Point Vacuum (in. WC)	SB01	**	**	
	SB02	0.06	12:32	
	SB03	0.02	13:40	
	SB04	0.02	13:31	
	SB05	0.10	13:41	
	SB06	1.40	13:17	
	SB09	0.06	14:10	
	SB10	0.06	13:52	
	SB12	0.70	13:02	
	SB13	0.76	13:06	
	SB15	0.16	12:42	
	SB22	0.30	12:46	
	SB24	0.28	12:53	
	SB25	0.02	12:50	
Extraction Sump Vacuum Monitoring Guage (in. WC)	ES01	11.2	13:41	0.7
	ES02	10.6	13:37	0.1
	ES03	9.0	13:04	0.0
	ES04	9.5	13:32	0.3
	ES05	9.4	13:50	0.0
	ES06	**	**	**
	ES07	9.0	13:52	0.0
	ES08	7.0	12:36	0.0
	ES09	11.6	12:38	0.0

Notes:

Sub-slab vacuum readings measured with Magnehelic manometers.

Extraction sump vacuum readings recorded from fixed gauge on extraction piping.

* - No measurement taken; sampling point inaccessible because building occupant(s) temporarily relocated shelving, boxes, etc.

** - No measurement taken; access was denied to the tenant space.

Table 2
SSDS System Annual Testing
Former Standard Motor Products
37-18 Northern Boulevard, Long Island City, NY

Date: 11.05.24		Field Personnel: Adam Spaulding, Shawn Martin		
		Reading (in. WC)	Time	PID Reading (ppb)
Influent Header Vac (in. WC)		8.6	11:05	0
Blower Influent Vac (in. WC)		23.8	11:07	-
Blower Effluent Pressure (in. WC)		3	11:09	0
Blower Effluent Temperature (˚F)		82	11:12	-
Total Flowrate (cfm)		852	11:14	-
Sub-Slab Monitoring Point Vacuum (in. WC)	SB01	0.5	11:34	0.5
	SB02	N/A*	-	
	SB03	0	11:51	0
	SB04	0	10:38	
	SB05	0	11:53	0
	SB06	1.3	11:46	0
	SB07	N/A*	-	
	SB09	0	11:06	0
	SB10	0	11:04	0
	SB12	1.7	12:01	0
	SB13	0	12:06	0
	SB15	0.8	10:34	0
	SB22	0	12:00	0
	SB24	0.6	10:31	0
	SB25	0	11:25	0
Extraction Sump Vacuum Monitoring Guage (in. WC)	ES01	8.2	11:50	0
	ES02	8.4	12:04	0
	ES03	7.6	12:00	0
	ES04	-	-	-
	ES05	7.6	11:30	0
	ES06	8	11:35	0
	ES07	7.8	11:05	0
	ES08	7.5	10:58	0
	ES09	7.8	11:00	0
SVE Vadose Zone Vacuum Monitoring Point (in. WC)	SV-1	0	13:30	0
	SV-2	0	13:31	0
	SV-3**	0	13:32	0
	SV-4	0	13:33	0
	SV-5	0	13:34	0
	SV-6	0	13:35	0

Notes:

PID Readings measured with ppbRae

Background PID readings varied between 0 and 0.1

Sub-slab and SVE vadose zone vacuum readings measured with a Dwyer Series 475 Mark III digital manometer.

Extraction sump vacuum readings recorded from fixed gauge on extraction piping.

* - No measurement taken; sampling point either damaged or unaccesible.

** - SVE Vadose Zone Vacuum Monitoring Point SV-3 was replaced on 3/3/2014

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February 28, 2024 via email
File No. 12.0076761.20

Ms. Wendi Zheng
Division of Environmental Remediation
New York State Department of Environmental Conservation
One Hunters Point Plaza
47-40 21st Street---
Long Island City, New York 11101

SUBJECT: Monthly Progress Report – February 2024
Standard Motor Products, Inc.
Long Island City, New York
NYSDEC Class 2 Site No. 241016

Dear Ms. Zheng:

Pursuant to the requirements of the Order on Consent and Administrative Settlement (Index #R20637-04-10) for Standard Motor Products, Inc. (NYSDEC Site Number 241016), please find attached a copy of the Progress Report prepared for the period of February 2024.

In accordance with the requirements of the Order on Consent, copies of this correspondence have also been submitted to the New York State Department of Health - Bureau of Environmental Exposure Investigation, and the NYSDEC Regional Attorney in Long Island City, New York.

If you have any other questions, please feel free to contact me at (932) -774-3323.
Sincerely,

Morgan McBride
Engineer I

Bhuvnesh J. Parekh, P.E., LSRP
Associate Principal

An Equal Opportunity Employer M/F/V/H

Tables:

Table 1 – Sub Slab Depressurization System O & M Checklist
Table 2 – SSDS System Testing Results
Table 3 – SSDS Field Pressure Test Results
Figure 1 – SSDS Interior Monitoring Vacuum Readings

cc: (via e-mail)

Erin Pawlish — SMP
Steven L. Humphreys, Esq. — KD&W
Jane O'Connell — NYSDEC
Regina Seetahal — NYSDEC
Cris Maycock — NYSDEC
Scarlett McLaughlin — NYSDOH
Angela Martin — NYSDOH

Monthly Progress Report — February 2024

Standard Motor Products, Inc. (SMP)

37-18 Northern Boulevard

Long Island City, Queens County, New York

NYSDEC Site Number: 241016

Actions Taken This Reporting Period:

- On February 16, 2024, GZA collected the system readings and completed the checklist form for operation during February which is attached to this report (**Table 1**). Sub slab depressurization system (SSDS) extraction sump and vadose zone vacuum monitoring was conducted on February 16, 2024. A summary of SSDS extraction sump and vadose zone vacuum monitoring readings is presented in **Table 2**.

- GZA conducted a thirteenth additional round of quarterly sampling pending approval from NYSDEC on the Rebound Study Report submitted to NYSDEC and DOH on June 30, 2023. In February 2023, GZA collected soil gas and groundwater samples in accordance with the Quality Assurance Project Plan (QAPP). On February 15, 2024, groundwater samples were collected at MW-10, MW-11S, MW-16, MW-17, MW-18, MW-19, and MW-20. On February 16, 2024, soil gas samples were collected at SG-1, SG-2, SG-3, SG-4, SG-5, SG-6, SG-7, and SG-8. Analytical results will be presented in the March 2024 monthly progress report.

- Standard Motor Products (SMP) legal counsel, in conjunction with New York State Department of Environmental Conservation (NYSDEC) counsel, continues communications with RXR SMP Owner, LLC (owner of the 37-18 Northern Boulevard property with the SSDS system) and MTA (owner of the property on which the AS/SVE system is installed) in order to obtain executed Corporate Authorization documents and Environmental Easement (EE) Checklists from the two parties. Currently, this property is occupied and covered by storage containers and equipment, placed by MTA's contractor.

Actions Anticipated Next Reporting Period(s):

- Finalization and recording of the EE documentation; incorporation of EE documents into the Site Management Plan (SMP) and Final Engineering Report (FER) documents.

- On June 30, 2023, GZA submitted the 2022 PRR and Rebound Study Report to summarize the findings from the 2022 O&M activities and Rebound Study. The report summarizes the results of quarterly sampling beginning from November 2020 through November 2022. The report presents a closure plan and recommends a long-term monitoring plan. GZA met with representatives of NYSDEC and DOH on November 9, 2023, to discuss GZA's comment response letter submitted on October 16, 2023. GZA is updating the comment response letter to incorporate NYSDEC and DOH feedback and GZA's responses.

- Report on the analytical results from the quarterly groundwater and quarterly soil vapor air sampling conducted in February 2024.

- GZA will continue with quarterly sampling pending approval from NYSDEC on the 2022 Rebound Study Report. The next quarterly vapor and groundwater sampling round is scheduled in May 2024.

Approved Modifications to Work Plans or Schedules:

- None this period

Sub-Slab Vacuum Monitoring and Sampling Data:

- On February 16, 2024, GZA conducted quarterly soil vapor sampling in accordance with the NYSDEC approved 2020 Air Sparging/Soil Vapor Extraction (AS/SVE) Evaluation Study to evaluate the rebound testing. The air samples were collected in accordance with the NYSDEC approved January 9, 2020 Quality Assurance Project Plan (QAPP). Soil vapor air samples were collected at eight (8) discrete treatment area locations (SG-1 through SG-8) and a duplicate air sample was collected from SG-1 as part of QA/QC. The samples collected from SG-5 an SG-6 were returned to the Alpha Analytical laboratory, now acquired by Pace Analytical Labs, with high vacuum pressure readings of -29.55 in. Hg and -29.55 in. Hg, respectively. As a result, the laboratory could not obtain sufficient samples from these two locations. GZA will re-collect soil vapor sampling from SG-5 and SG-6 during the March 2024 reporting period.

- In accordance with the comments and recommendations provided by NYSDEC in an email dated December 14, 2023, GZA conducted a pressure field evaluation/vadose zone vacuum monitoring during January 2024. GZA conducted a pressure field test/vadose zone vacuum monitoring at the accessible interior monitoring locations on January 11, 2024. GZA returned to the Site for the reinstallation of nine (9) vapor points on January 24 and 25, 2024 (SB01, SB02, SB06, SB09, SB12, SB13, SB15, SB22, and SB24). The results of the pressure field testing for the reinstalled monitoring locations are included as **Table 3**. A map depicting the relocated monitoring locations and vacuum readings are attached as **Figure 1**.

Percentage Completion/Unresolved Project Delays:

The following reports have been submitted to your office:

- Site Characterization - 100% Complete.

- Remedial Investigation/Feasibility Study - 100% Complete.

- Interim Remedial Measure (IRM) Workplan and IRM Installation - 100% Complete.

- IRM Operation - Ongoing; no delays encountered or anticipated.

- Remedial Design/Remedial Action Workplan - 100% Complete.

- Site Management Plan (SMP) - SMP 95% Complete.

- Air Sparge/Soil Vapor Extraction System Installation - 100% Complete.
- Air Sparge/Soil Vapor Extraction System Startup and Optimization - 100% Complete.
- Final Engineering Report (FER) – 95 % Complete.
- Revised Quality Assurance Project Plan (QAPP) – 100% Complete.
- AS/SVE shutdown evaluation workplan – Approved.

Activities in Support of Citizen Participation Plan:

- None this period

Tables

TABLE 1
Air Sparge/Vapor Extraction System O M Checklist
Former Standard Motor Products
37-18 Northern Boulevard, Long Island City, NY

Date: 02 - 16 - 2024 **Time: onsite - 13:00** **offsite - 15:30** **Technician(s): P. McDonnell & M. Nichols**

System Status (circle type)

Maintenance Type:	Scheduled	Alert	Shutdown	Response
System Status:onsite	Manual	Auto	Shutdown	Off
System Status:offsite	Manual	Auto	Shutdown	Off
Blower 1 Status:	Manual	Auto	Shutdown	Off
Blower 2 Status:	Manual	Auto / Hand	Shutdown	Off
Transfer Pump Status:	Manual	Auto		Off
Genaral Alarm Status:	On / off/Auto	Pressure	Temp.	Level
Bypass Valve:	Closed	Open	Angle (record)	
VE High Water Status	On/Off	Off		

System Readings (record values)

Pressure		**Temperature**		**Flow**		
Inlet Vacuum (in H2O) ①	9.0			Vacuum Exhaust (cfm)	851.8	
Differ.Filter (in H20) ②	2.00	Inlet (gas) ⑦	64.4	Vacuum Total (cf)		
		Blower 1(oil)	-		Flow (cfm)	Pressure (psi)
Blower 1 Inlet (in H2O)	-	Motor 1 (windings)	-	sparge #1	-	-
Blower 2 Inlet (in H2O) ③	22.0	Blower 2 (oil) ⑧	173.5	sparge #2	-	-
Outlet Manifold (in H2O) ④	2.9	Motor 2 (windings) ⑨	74.6	sparge #3	-	-
Outlet Stack (in H2O) ⑤	0.21	Exhaust (gas) ⑩	82.7	sparge #4	-	-
Sparge Compress (psi) ⑥	-	Sparge Manifold Temp. ⑪	61.1	sparge #5	-	-
SSDS Inlet (in H2O) ⑫	8.5	Trailer (ambient)	63.6	sparge #6	-	-
Bypass Inlet (in H2O) ⑬	9.7			sparge #7	-	-
				sparge #8	-	-
Vacuum Laterals	Velocity (fpm)	Vaccum (in. H2O)		sparge #9	-	-
Lateral #1	-	-		sparge #10	-	-
Lateral #2	-	-				
Lateral #3	-	-				

Meters		**PID Readings(optional)**		**Electrical**	
Blower 1 (hrs.) ⑭	36655	Inlet (ppm) ①	0.0	Supply L1/L2/L3 (volts)	-
Blower 2 (hrs.) ⑮	25215.1	Outlet Manifold(ppm) ④	0.0	System L1/L2/L3(amps)	-
Condensate (gals.)	-	Outlet Stack (ppm) ⑤	0.0	Blower 1 L1/L2/L3(amps)	-
Sparge Compress(hrs)	-			Blower 2 L1/L2/L3(amps)	-
VFD Setting	-			VFD Frequency	-

Observations (record condition):

Vibration		**Noise**		**Leaks**	
Blower Skid 1 (ok/ type)	OFF	Blower Skid 1 (ok/type)	OFF	Blower Skid 1 (ok/fluid/gas)	OFF
Blower Skid 2 (ok/type)	OK	Blower Skid 2 (ok/type)	OK	Blower Skid 2 (ok/fluid/gas)	OK
Compressor (ok/ type)	OFF	Compressor (ok/ type)	OFF	Compressor (ok/ type)	OFF
System (ok/type)	OK	System (ok/type)	OK	System (ok/fluid/gas)	OK
Rotary Claw (ok/type)	OK				

Maintenance (record service):

Oil Change		**V-Belts Tension**		**Motor Grease**	
Blower 1 (hrs./type)	OFF	Blower 1 (ok/deflec.)	OFF	Motor 1(hrs./type)	OFF
Blower 2 (hrs./type)	NO	Blower 2 (ok/deflec.)	OK	Motor 2(hrs./type)	OK

Filters		**Piping/Instrumentation**			**TEMP**	**F.P.M.**
Inlet (hrs./clean/replaced)	OK	Hangers (ok/repair)	OK			
Bypass(hrs/clean/replaced)	REPLACED	Piping (ok/repair)	OK			
Liquid Carbon (gals/replaced)	OK	Wiring (ok/repair)	OK			
Vapor Carbon (cft/replaced)	OK	Sensors (ok/repair)	OK			
Monitoring Well MW-20 water depth =	4.3					

Daily Notes:

14:55 - Turn Blower 2 off, filter replaced

15:20 - Turn Blower 2 on hand

15:30 - Inside building to take readings

TABLE 2
SSDS SYSTEM TESTING RESULTS
Former Standard Motor Products
37-18 Northern Boulevard, Long Island City, NY

2/16/2024		Field Personnel: P. McDonnell & M. Nichols		
		Reading (in. WC)	Time	PID Reading (ppm)
Influent Header Vac (in. WC)		9.0	13:00	0.0
Blower Influent Vac (in. WC)		22.0	13:00	-
Blower Effluent Pressure (in. WC)		2.9	13:00	0.0
Blower Effluent Temperature (˚F)		82.7	13:00	0.0
Total Flowrate (cfm)		858.7	13:00	-
Sub-Slab Monitoring Point Vacuum (in. WC)	SB01	0.5	17:21	
	SB02	0.1	17:35	
	SB03	0.4	17:00	
	SB04	1.30	17:15	
	SB05	0.25	16:50	
	SB06	1.25	17:04	
	SB07	N/A*	N/A*	
	SB09	0.02	16:31	
	SB10	0.06	16:24	
	SB12	1.6	16:41	
	SB13	0.6	16:39	
	SB15	0.50	17:30	
	SB22	0.3	16:45	
	SB24	0.4	17:24	
	SB25	0.02	17:28	
Extraction Sump Vacuum Monitoring Guage (in. WC)	ES01	7.5	16:59	3.6
	ES02	N/A***	N/A**	N/A***
	ES03	8.6	16:37	0.0
	ES04	9.2	17:16	0.0
	ES05	8.8	17:10	0.0
	ES06	8.7	17:20	0.0
	ES07	8.2	16:27	0.0
	ES08	N/A***	17:28	N/A***
	ES09	N/A***	17:28	N/A***

Notes:

Sub-slab vacuum readings measured with Magnehelic manometers.

Extraction sump vacuum readings recorded from fixed gauge on extraction piping.

* - No measurement taken; sampling point either damaged or inaccessible because they were found underwater.

** - No measurement taken; sampling point inaccessible because building occupant(s) temporarily relocated shelving, boxes, etc.

*** - No measurement taken; access was denied to the tenant space.

TABLE 3
SSDS PRESSURE FIELD TEST
Former Standard Motor Products
37-18 Northern Boulevard, Long Island City, NY

1/24/2024 & 1/25/2024		Field Personnel: P. McDonnell & M. Nichols		
		Reading (in. WC)	Time	PID Reading (ppm)
Sub-Slab Monitoring Point Vacuum (in. WC)	SB01*	0.52	10:31	
	SB02	0.15	9:34	
	SB06	1.20	11:30	
	SB09*	0.025	12:53	
	SB12	1.55	11:58	
	SB13	0.60	14:04	
	SB15*	0.46	13:33	
	SB22*	0.34	9:51	
	SB24	0.36	10:30	

Notes:
Sub-slab vacuum readings measured with Magnehelic manometers.
* - Location was reinstalled and measured on 1/25/2024.

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March 29, 2024 via email
File No. 12.0076761.20

Ms. Wendi Zheng
Division of Environmental Remediation
New York State Department of Environmental Conservation
One Hunters Point Plaza
47-40 21st Street---
Long Island City, New York 11101

SUBJECT: Monthly Progress Report – March 2024
Standard Motor Products, Inc.
Long Island City, New York
NYSDEC Class 2 Site No. 241016

Dear Ms. Zheng:

Pursuant to the requirements of the Order on Consent and Administrative Settlement (Index #R20637-04-10) for Standard Motor Products, Inc. (NYSDEC Site Number 241016), please find attached a copy of the Progress Report prepared for the period of March 2024.

In accordance with the requirements of the Order on Consent, copies of this correspondence have also been submitted to the New York State Department of Health - Bureau of Environmental Exposure Investigation, and the NYSDEC Regional Attorney in Long Island City, New York.

If you have any other questions, please feel free to contact me at (932) -774-3323.
Sincerely,

Morgan McBride
Engineer I

Bhuvnesh J. Parekh, P.E., LSRP
Associate Principal

An Equal Opportunity Employer M/F/V/H

Tables:

Table 1 – Sub Slab Depressurization System O & M Checklist
Table 2 – Soil Vapor Results
Table 3 – Groundwater Results
Table 4 – January 2024 SSDS Field Pressure Test Results
Table 5 – February 2024 SSDS System Test Results
Figure 1 – SSDS Monitoring Vacuum Readings

cc: (via e-mail) Erin Pawlish — SMP
Steven L. Humphreys, Esq. — KD&W
Jane O'Connell — NYSDEC
Regina Seetahal — NYSDEC
Cris Maycock — NYSDEC
Scarlett McLaughlin — NYSDOH
Angela Martin — NYSDOH

Monthly Progress Report — March 2024

Standard Motor Products, Inc. (SMP)

37-18 Northern Boulevard

Long Island City, Queens County, New York

NYSDEC Site Number: 241016

Actions Taken This Reporting Period:

- Regular monthly operation and maintenance service was conducted on the sub slab depressurization system (SSDS) by GZA on March 13, 2024. The monthly checklist form for operation during March is attached (**Table 1**).

- In accordance with the comments and recommendations provided by NYSDEC in an email dated December 14, 2023, GZA conducted a pressure field evaluation/vadose zone vacuum monitoring during January 2024. The results and findings are presented in this report.

- Standard Motor Products (SMP) legal counsel, in conjunction with New York State Department of Environmental Conservation (NYSDEC) counsel, continues communications with RXR SMP Owner, LLC (owner of the 37-18 Northern Boulevard property with the SSDS system) and MTA (owner of the property on which the AS/SVE system is installed) in order to obtain executed Corporate Authorization documents and Environmental Easement (EE) Checklists from the two parties. Currently, this property is occupied and covered by storage containers and equipment, placed by MTA's contractor.

Actions Anticipated Next Reporting Period(s):

- Finalization and recording of the EE documentation; incorporation of EE documents into the Site Management Plan (SMP) and Final Engineering Report (FER) documents.

- GZA will conduct monthly operation and maintenance in April 2024. GZA will continue with quarterly sampling pending approval from NYSDEC on the 2022 Rebound Study Report. The next quarterly vapor and groundwater sampling round is scheduled in May 2024.

- On June 30, 2023, GZA submitted the 2022 PRR and Rebound Study Report to summarize the findings from the 2022 O&M activities and Rebound Study. The report summarizes the results of quarterly sampling beginning from November 2020 through November 2022. The report presents a closure plan and recommends a long-term monitoring plan. GZA met with representatives of NYSDEC and DOH on November 9, 2023, to discuss GZA's comment response letter submitted on October 16, 2023. GZA is updating the comment response letter to incorporate NYSDEC and DOH feedback and GZA's responses.

Approved Modifications to Work Plans or Schedules:

- None this period

Sampling/Test Results and Data:

- In accordance with the approved 2020 Air Sparging/Soil Vapor Extraction (AS/SVE) Evaluation Study, eight rounds of quarterly sampling were recommended, which commenced in November 2020 (baseline sampling). Since then, eight rounds of quarterly sampling have been completed, with the final round of sampling having been conducted in November 2022. GZA conducted the ninth through thirteenth additional rounds of quarterly sampling in February 2023, May 2023, August 2023, November 2023, and February 2024, respectively. GZA will continue with quarterly sampling pending approval from NYSDEC on the Rebound Study Report.

- On February 16, 2024, GZA conducted quarterly soil vapor sampling in accordance with the NYSDEC approved 2020 Air Sparging/Soil Vapor Extraction (AS/SVE) Evaluation Study to evaluate the rebound testing. The air samples were collected in accordance with the NYSDEC approved January 9, 2020 Quality Assurance Project Plan (QAPP). Analytical results are presented in this monthly progress report. Soil vapor air samples were collected at eight (8) discrete treatment area locations (SG-1 through SG-8) and a duplicate air sample was collected from SG-1 as part of QA/QC. A summary of the air analytical results is presented in **Table 2.** A comprehensive report detailing the sampling activities and results analysis, with a full data deliverable package, will be presented in the 2024 PRR.

    - The samples collected from SG-5 an SG-6 were returned to Pace Analytical Labs, with high vacuum pressure readings of -29.55 in. Hg and -29.55 in. Hg, respectively. As a result, the laboratory could not obtain sufficient samples from these two locations. GZA will re-collect soil vapor sampling from SG-5 and SG-6 during the April 2024 reporting period.

- On February 15, 2024, GZA conducted quarterly groundwater sampling in accordance with the NYSDEC approved 2020 Air Sparging/Soil Vapor Extraction (AS/SVE) Evaluation Study to evaluate the rebound testing. The groundwater samples were collected in accordance with the NYSDEC approved January 9, 2020 QAPP. Analytical results are presented in this monthly progress report. Samples were collected from seven (7) on-site monitoring wells (MW-10, MW-11S, MW-16, MW-17, MW-18, MW-19, and MW-20) and a duplicate groundwater sample was collected from MW-19 as part of QA/QC. The groundwater samples were analyzed for volatile organic compounds (VOCs), 1,4-Dioxane, anions, sulfide, TOC, dissolved gases, total metals, and dissolved metals. The preliminary analytical results are summarized in **Table 3.** A comprehensive report detailing the sampling activities and results analysis, with a full data deliverable package, will be presented in the 2024 PRR.

- GZA conducted a pressure field test/vadose zone vacuum monitoring at the accessible interior monitoring locations on January 11, 2024, with the results included as **Table 4A**. Based upon an evaluation of these findings, including sample accessibility and vacuum monitoring readings, GZA returned to the Site for the reinstallation of nine (9) vapor points on January 24 and 25, 2024 (SB01, SB02, SB06, SB09, SB12, SB13, SB15, SB22, and SB24). The results of the pressure field testing for the reinstalled monitoring locations are included as **Table 4B**, and the results of the quarterly SSDS testing throughout the building during the month of February are included as **Table 5**. A map depicting the relocated monitoring locations and vacuum readings is attached as **Figure 1**.

Percentage Completion/Unresolved Project Delays:

The following reports have been submitted to your office:

- Site Characterization - 100% Complete.
- Remedial Investigation/Feasibility Study - 100% Complete.
- Interim Remedial Measure (IRM) Workplan and IRM Installation - 100% Complete.
- IRM Operation - Ongoing; no delays encountered or anticipated.
- Remedial Design/Remedial Action Workplan - 100% Complete.
- Site Management Plan (SMP) - SMP 95% Complete.
- Air Sparge/Soil Vapor Extraction System Installation - 100% Complete.
- Air Sparge/Soil Vapor Extraction System Startup and Optimization - 100% Complete.
- Final Engineering Report (FER) – 95 % Complete.
- Revised Quality Assurance Project Plan (QAPP) – 100% Complete.
- AS/SVE shutdown evaluation workplan – Approved.

Activities in Support of Citizen Participation Plan:

- None this period

Tables

TABLE 1
Sub Slab Depressurization System O M Checklist
Former Standard Motor Products
37-18 Northern Boulevard, Long Island City, NY

Date: 03 - 13 - 2024 **Time: onsite - 09:30** **offsite - 11:30** **Technician(s): A. Spaulding**

System Status (circle type)

Maintenance Type:	Scheduled	Alert	Shutdown	Response
System Status:onsite	Manual	Auto	Shutdown	Off
System Status:offsite	Manual	Auto	Shutdown	Off
Blower 1 Status:	Manual	Auto	Shutdown	Off
Blower 2 Status:	Manual	Auto / Hand	Shutdown	Off
Transfer Pump Status:	Manual	Auto		Off
Genaral Alarm Status:	On / off/Auto	Pressure	Temp.	Level
Bypass Valve:	Closed	Open	Angle (record)	
VE High Water Status	On/Off	Off		

System Readings (record values)

Pressure		**Temperature**		**Flow**		
Inlet Vacuum (in H2O) ①	9.2			Vacuum Exhaust (cfm)	862.7	
Differ.Filter (in H20) ②	16R / 18L: 2.0	Inlet (gas) ⑦	61	Vacuum Total (cf)		
		Blower 1(oil)	-		Flow (cfm)	Pressure (psi)
Blower 1 Inlet (in H2O)	-	Motor 1 (windings)	-	sparge #1	-	-
Blower 2 Inlet (in H2O) ③	23.0	Blower 2 (oil) ⑧	163	sparge #2	-	-
Outlet Manifold (in H2O) ④	3.0	Motor 2 (windings) ⑨	81	sparge #3	-	-
Outlet Stack (in H2O) ⑤	0.36	Exhaust (gas) ⑩	78	sparge #4	-	-
Sparge Compress (psi) ⑥	-	Sparge Manifold Temp. ⑪	68	sparge #5	-	-
SSDS Inlet (in H2O) ⑫	8.5	Trailer (ambient)	-	sparge #6	-	-
Bypass Inlet (in H2O) ⑬	9.8			sparge #7	-	-
				sparge #8	-	-
Vacuum Laterals	Velocity (fpm)	Vaccum (in. H2O)		sparge #9	-	-
Lateral #1	-	-		sparge #10	-	-
Lateral #2	-	-				
Lateral #3	-	-				

Meters		**PID Readings(optional)**		**Electrical**	
Blower 1 (hrs.) ⑭	36655	Inlet (ppm) ①	0.0	Supply L1/L2/L3 (volts)	-
Blower 2 (hrs.) ⑮	25215.1	Outlet Manifold(ppm) ④	0.1	System L1/L2/L3(amps)	-
Condensate (gals.)	-	Outlet Stack (ppm) ⑤	0.1	Blower 1 L1/L2/L3(amps)	-
Sparge Compress(hrs)	-			Blower 2 L1/L2/L3(amps)	-
VFD Setting	-			VFD Frequency	-

Observations (record condition):

Vibration		**Noise**		**Leaks**	
Blower Skid 1 (ok/ type)	OFF	Blower Skid 1 (ok/type)	OFF	Blower Skid 1 (ok/fluid/gas)	OFF
Blower Skid 2 (ok/type)	OK	Blower Skid 2 (ok/type)	OK	Blower Skid 2 (ok/fluid/gas)	OK
Compressor (ok/ type)	OFF	Compressor (ok/ type)	OFF	Compressor (ok/ type)	OFF
System (ok/type)	OK	System (ok/type)	OK	System (ok/fluid/gas)	OK
Rotary Claw (ok/type)	OK				

Maintenance (record service):

Oil Change		**V-Belts Tension**		**Motor Grease**	
Blower 1 (hrs./type)	OFF	Blower 1 (ok/deflec.)	OFF	Motor 1(hrs./type)	OFF
Blower 2 (hrs./type)	YES	Blower 2 (ok/deflec.)	OK	Motor 2(hrs./type)	YES

Filters		**Piping/Instrumentation**			**TEMP**	**F.P.M.**
Inlet (hrs./clean/replaced)	OK	Hangers (ok/repair)	OK			
Bypass(hrs/clean/replaced)	REPLACED	Piping (ok/repair)	OK			
Liquid Carbon (gals/replaced)	OK	Wiring (ok/repair)	OK			
Vapor Carbon (cft/replaced)	OK	Sensors (ok/repair)	OK			
Monitoring Well MW-20 water depth =	3.71					

Daily Notes:

10:24 - Turn Blower 2 off, filter replaced

11:10 - Turn Blower 2 on hand

TABLE 2
Soil Vapor Results
Former Standard Motor Products
37-18 Northern Boulevard, Long Island City, NY

		SAMPLE ID:	**SG-1**				**SMP-DUP**			
		LAB ID:	**L2408841-01**				**L2408841-09**			
		COLLECTION DATE:	**2/16/2024**				**2/16/2024**			
		SAMPLE MATRIX:	**SOIL_VAPOR**				**SOIL_VAPOR**			
		NOCRIT3								
ANALYTE	**CAS**	**(ug/m3)**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
VOLATILE ORGANICS IN AIR										
1,1,1-Trichloroethane	71-55-6		ND		1.09	-	ND		1.09	-
1,1,2,2-Tetrachloroethane	79-34-5		ND		1.37	-	ND		1.37	-
1,1,2-Trichloroethane	79-00-5		ND		1.09	-	ND		1.09	-
1,1-Dichloroethane	75-34-3		ND		0.809	-	ND		0.809	-
1,1-Dichloroethene	75-35-4		ND		0.793	-	ND		0.793	-
1,2,4-Trichlorobenzene	120-82-1		ND		1.48	-	ND		1.48	-
1,2,4-Trimethylbenzene	95-63-6		1.32		0.983	-	1.06		0.983	-
1,2-Dibromoethane	106-93-4		ND		1.54	-	ND		1.54	-
1,2-Dichlorobenzene	95-50-1		ND		1.2	-	ND		1.2	-
1,2-Dichloroethane	107-06-2		ND		0.809	-	ND		0.809	-
1,2-Dichloropropane	78-87-5		ND		0.924	-	ND		0.924	-
1,3,5-Trimethylbenzene	108-67-8		ND		0.983	-	ND		0.983	-
1,3-Butadiene	106-99-0		ND		0.442	-	ND		0.442	-
1,3-Dichlorobenzene	541-73-1		ND		1.2	-	1.96		1.2	-
1,4-Dichlorobenzene	106-46-7		ND		1.2	-	ND		1.2	-
1,4-Dioxane	123-91-1		ND		0.721	-	ND		0.721	-
2,2,4-Trimethylpentane	540-84-1		ND		0.934	-	ND		0.934	-
2-Butanone	78-93-3		ND		1.47	-	ND		1.47	-
2-Hexanone	591-78-6		ND		0.82	-	ND		0.82	-
3-Chloropropene	107-05-1		ND		0.626	-	ND		0.626	-
4-Ethyltoluene	622-96-8		ND		0.983	-	ND		0.983	-
4-Methyl-2-pentanone	108-10-1		ND		2.05	-	ND		2.05	-
Acetone	67-64-1		6.27		2.38	-	12.9		2.38	-
Benzene	71-43-2		ND		0.639	-	ND		0.639	-
Benzyl chloride	100-44-7		ND		1.04	-	ND		1.04	-
Bromodichloromethane	75-27-4		ND		1.34	-	ND		1.34	-
Bromoform	75-25-2		ND		2.07	-	ND		2.07	-
Bromomethane	74-83-9		ND		0.777	-	ND		0.777	-
Carbon disulfide	75-15-0		ND		0.623	-	ND		0.623	-
Carbon tetrachloride	56-23-5		ND		1.26	-	ND		1.26	-
Chlorobenzene	108-90-7		ND		0.921	-	ND		0.921	-
Chloroethane	75-00-3		ND		0.528	-	ND		0.528	-
Chloroform	67-66-3		ND		0.977	-	ND		0.977	-
Chloromethane	74-87-3		ND		0.413	-	ND		0.413	-
cis-1,2-Dichloroethene	156-59-2		ND		0.793	-	ND		0.793	-
cis-1,3-Dichloropropene	10061-01-5		ND		0.908	-	ND		0.908	-
Cyclohexane	110-82-7		ND		0.688	-	ND		0.688	-
Dibromochloromethane	124-48-1		ND		1.7	-	ND		1.7	-
Dichlorodifluoromethane	75-71-8		2.65		0.989	-	2.1		0.989	-
Ethanol	64-17-5		ND		9.42	-	ND		9.42	-
Ethyl Acetate	141-78-6		ND		1.8	-	ND		1.8	-
Ethylbenzene	100-41-4		ND		0.869	-	ND		0.869	-
Freon-113	76-13-1		ND		1.53	-	ND		1.53	-
Freon-114	76-14-2		ND		1.4	-	ND		1.4	-
Heptane	142-82-5		ND		0.82	-	ND		0.82	-
Hexachlorobutadiene	87-68-3		ND		2.13	-	ND		2.13	-
Isopropanol	67-63-0		ND		1.23	-	ND		1.23	-
Methyl tert butyl ether	1634-04-4		ND		0.721	-	ND		0.721	-
Methylene chloride	75-09-2		ND		1.74	-	ND		1.74	-
Naphthalene	91-20-3		ND		1.05	-	ND		1.05	-
n-Hexane	110-54-3		ND		0.705	-	ND		0.705	-
o-Xylene	95-47-6		ND		0.869	-	ND		0.869	-
p/m-Xylene	179601-23-1		ND		1.74	-	ND		1.74	-
Styrene	100-42-5		ND		0.852	-	ND		0.852	-
Tertiary butyl Alcohol	75-65-0		ND		1.52	-	3.06		1.52	-
Tetrachloroethene	127-18-4		ND		1.36	-	ND		1.36	-
Tetrahydrofuran	109-99-9		ND		1.47	-	ND		1.47	-
Toluene	108-88-3		ND		0.754	-	ND		0.754	-
trans-1,2-Dichloroethene	156-60-5		ND		0.793	-	ND		0.793	-
trans-1,3-Dichloropropene	10061-02-6		ND		0.908	-	ND		0.908	-
Trichloroethene	79-01-6		1.62		1.07	-	3		1.07	-
Trichlorofluoromethane	75-69-4		1.55		1.12	-	1.17		1.12	-
Vinyl bromide	593-60-2		ND		0.874	-	ND		0.874	-
Vinyl chloride	75-01-4		ND		0.511	-	ND		0.511	-

* Comparison is not performed on parameters with non-numeric criteria.

NOCRIT3: No Criteria Report -

TABLE 2
Soil Vapor Results
Former Standard Motor Products
37-18 Northern Boulevard, Long Island City, NY

			SAMPLE ID:				SG-2				SG-3			
			LAB ID:				L2408841-02				L2408841-03			
			COLLECTION DATE:				2/16/2024				2/16/2024			
			SAMPLE MATRIX:				SOIL_VAPOR				SOIL_VAPOR			
		NOCRIT3												
ANALYTE	**CAS**	**(ug/m3)**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
VOLATILE ORGANICS IN AIR										
1,1,1-Trichloroethane	71-55-6		ND		1.09	-	6.82		1.09	-
1,1,2,2-Tetrachloroethane	79-34-5		ND		1.37	-	ND		1.37	-
1,1,2-Trichloroethane	79-00-5		ND		1.09	-	ND		1.09	-
1,1-Dichloroethane	75-34-3		ND		0.809	-	7.12		0.809	-
1,1-Dichloroethene	75-35-4		ND		0.793	-	ND		0.793	-
1,2,4-Trichlorobenzene	120-82-1		ND		1.48	-	ND		1.48	-
1,2,4-Trimethylbenzene	95-63-6		1.79		0.983	-	1.47		0.983	-
1,2-Dibromoethane	106-93-4		ND		1.54	-	ND		1.54	-
1,2-Dichlorobenzene	95-50-1		ND		1.2	-	ND		1.2	-
1,2-Dichloroethane	107-06-2		ND		0.809	-	ND		0.809	-
1,2-Dichloropropane	78-87-5		ND		0.924	-	ND		0.924	-
1,3,5-Trimethylbenzene	108-67-8		ND		0.983	-	ND		0.983	-
1,3-Butadiene	106-99-0		ND		0.442	-	ND		0.442	-
1,3-Dichlorobenzene	541-73-1		1.48		1.2	-	ND		1.2	-
1,4-Dichlorobenzene	106-46-7		ND		1.2	-	ND		1.2	-
1,4-Dioxane	123-91-1		ND		0.721	-	ND		0.721	-
2,2,4-Trimethylpentane	540-84-1		2.59		0.934	-	ND		0.934	-
2-Butanone	78-93-3		2.9		1.47	-	ND		1.47	-
2-Hexanone	591-78-6		ND		0.82	-	ND		0.82	-
3-Chloropropene	107-05-1		ND		0.626	-	ND		0.626	-
4-Ethyltoluene	622-96-8		ND		0.983	-	ND		0.983	-
4-Methyl-2-pentanone	108-10-1		ND		2.05	-	ND		2.05	-
Acetone	67-64-1		13.2		2.38	-	13.8		2.38	-
Benzene	71-43-2		0.674		0.639	-	ND		0.639	-
Benzyl chloride	100-44-7		ND		1.04	-	ND		1.04	-
Bromodichloromethane	75-27-4		ND		1.34	-	ND		1.34	-
Bromoform	75-25-2		ND		2.07	-	ND		2.07	-
Bromomethane	74-83-9		ND		0.777	-	ND		0.777	-
Carbon disulfide	75-15-0		ND		0.623	-	ND		0.623	-
Carbon tetrachloride	56-23-5		ND		1.26	-	ND		1.26	-
Chlorobenzene	108-90-7		ND		0.921	-	ND		0.921	-
Chloroethane	75-00-3		ND		0.528	-	ND		0.528	-
Chloroform	67-66-3		ND		0.977	-	ND		0.977	-
Chloromethane	74-87-3		0.739		0.413	-	0.727		0.413	-
cis-1,2-Dichloroethene	156-59-2		ND		0.793	-	2.51		0.793	-
cis-1,3-Dichloropropene	10061-01-5		ND		0.908	-	ND		0.908	-
Cyclohexane	110-82-7		ND		0.688	-	ND		0.688	-
Dibromochloromethane	124-48-1		ND		1.7	-	ND		1.7	-
Dichlorodifluoromethane	75-71-8		2.56		0.989	-	2.63		0.989	-
Ethanol	64-17-5		ND		9.42	-	ND		9.42	-
Ethyl Acetate	141-78-6		ND		1.8	-	ND		1.8	-
Ethylbenzene	100-41-4		ND		0.869	-	ND		0.869	-
Freon-113	76-13-1		ND		1.53	-	ND		1.53	-
Freon-114	76-14-2		ND		1.4	-	ND		1.4	-
Heptane	142-82-5		ND		0.82	-	ND		0.82	-
Hexachlorobutadiene	87-68-3		ND		2.13	-	ND		2.13	-
Isopropanol	67-63-0		2.2		1.23	-	5.36		1.23	-
Methyl tert butyl ether	1634-04-4		ND		0.721	-	ND		0.721	-
Methylene chloride	75-09-2		2.08		1.74	-	ND		1.74	-
Naphthalene	91-20-3		ND		1.05	-	ND		1.05	-
n-Hexane	110-54-3		0.804		0.705	-	ND		0.705	-
o-Xylene	95-47-6		ND		0.869	-	ND		0.869	-
p/m-Xylene	179601-23-1		ND		1.74	-	ND		1.74	-
Styrene	100-42-5		ND		0.852	-	ND		0.852	-
Tertiary butyl Alcohol	75-65-0		5.43		1.52	-	1.63		1.52	-
Tetrachloroethene	127-18-4		ND		1.36	-	ND		1.36	-
Tetrahydrofuran	109-99-9		ND		1.47	-	1.83		1.47	-
Toluene	108-88-3		1.9		0.754	-	2.59		0.754	-
trans-1,2-Dichloroethene	156-60-5		ND		0.793	-	ND		0.793	-
trans-1,3-Dichloropropene	10061-02-6		ND		0.908	-	ND		0.908	-
Trichloroethene	79-01-6		ND		1.07	-	40		1.07	-
Trichlorofluoromethane	75-69-4		1.46		1.12	-	1.44		1.12	-
Vinyl bromide	593-60-2		ND		0.874	-	ND		0.874	-
Vinyl chloride	75-01-4		ND		0.511	-	ND		0.511	-

* Comparison is not performed on parameters with non-numeric criteria

NOCRIT3: No Criteria Report -

TABLE 2
Soil Vapor Results
Former Standard Motor Products
37-18 Northern Boulevard, Long Island City, NY

		SAMPLE ID:	SG-4				SG-7			
		LAB ID:	L2408841-04				L2408841-07			
		COLLECTION DATE:	2/16/2024				2/16/2024			
		SAMPLE MATRIX:	SOIL_VAPOR				SOIL_VAPOR			
		NOCRIT3								
ANALYTE	CAS	(ug/m3)	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS IN AIR										
1,1,1-Trichloroethane	71-55-6		231		1.09	-	1.34		1.09	-
1,1,2,2-Tetrachloroethane	79-34-5		ND		1.37	-	ND		1.37	-
1,1,2-Trichloroethane	79-00-5		ND		1.09	-	ND		1.09	-
1,1-Dichloroethane	75-34-3		145		0.809	-	0.939		0.809	-
1,1-Dichloroethene	75-35-4		ND		0.793	-	ND		0.793	-
1,2,4-Trichlorobenzene	120-82-1		ND		1.48	-	ND		1.48	-
1,2,4-Trimethylbenzene	95-63-6		1.09		0.983	-	1.81		0.983	-
1,2-Dibromoethane	106-93-4		ND		1.54	-	ND		1.54	-
1,2-Dichlorobenzene	95-50-1		ND		1.2	-	ND		1.2	-
1,2-Dichloroethane	107-06-2		ND		0.809	-	ND		0.809	-
1,2-Dichloropropane	78-87-5		ND		0.924	-	ND		0.924	-
1,3,5-Trimethylbenzene	108-67-8		ND		0.983	-	ND		0.983	-
1,3-Butadiene	106-99-0		ND		0.442	-	ND		0.442	-
1,3-Dichlorobenzene	541-73-1		ND		1.2	-	ND		1.2	-
1,4-Dichlorobenzene	106-46-7		ND		1.2	-	ND		1.2	-
1,4-Dioxane	123-91-1		ND		0.721	-	ND		0.721	-
2,2,4-Trimethylpentane	540-84-1		ND		0.934	-	ND		0.934	-
2-Butanone	78-93-3		ND		1.47	-	1.64		1.47	-
2-Hexanone	591-78-6		ND		0.82	-	ND		0.82	-
3-Chloropropene	107-05-1		ND		0.626	-	ND		0.626	-
4-Ethyltoluene	622-96-8		ND		0.983	-	ND		0.983	-
4-Methyl-2-pentanone	108-10-1		ND		2.05	-	ND		2.05	-
Acetone	67-64-1		9.29		2.38	-	9.64		2.38	-
Benzene	71-43-2		ND		0.639	-	ND		0.639	-
Benzyl chloride	100-44-7		ND		1.04	-	ND		1.04	-
Bromodichloromethane	75-27-4		ND		1.34	-	ND		1.34	-
Bromoform	75-25-2		ND		2.07	-	ND		2.07	-
Bromomethane	74-83-9		ND		0.777	-	ND		0.777	-
Carbon disulfide	75-15-0		ND		0.623	-	ND		0.623	-
Carbon tetrachloride	56-23-5		ND		1.26	-	ND		1.26	-
Chlorobenzene	108-90-7		ND		0.921	-	ND		0.921	-
Chloroethane	75-00-3		14.4		0.528	-	ND		0.528	-
Chloroform	67-66-3		ND		0.977	-	ND		0.977	-
Chloromethane	74-87-3		ND		0.413	-	ND		0.413	-
cis-1,2-Dichloroethene	156-59-2		38.5		0.793	-	0.912		0.793	-
cis-1,3-Dichloropropene	10061-01-5		ND		0.908	-	ND		0.908	-
Cyclohexane	110-82-7		ND		0.688	-	ND		0.688	-
Dibromochloromethane	124-48-1		ND		1.7	-	ND		1.7	-
Dichlorodifluoromethane	75-71-8		2.52		0.989	-	2.19		0.989	-
Ethanol	64-17-5		ND		9.42	-	ND		9.42	-
Ethyl Acetate	141-78-6		ND		1.8	-	ND		1.8	-
Ethylbenzene	100-41-4		ND		0.869	-	ND		0.869	-
Freon-113	76-13-1		8.89		1.53	-	ND		1.53	-
Freon-114	76-14-2		ND		1.4	-	ND		1.4	-
Heptane	142-82-5		ND		0.82	-	ND		0.82	-
Hexachlorobutadiene	87-68-3		ND		2.13	-	ND		2.13	-
Isopropanol	67-63-0		ND		1.23	-	ND		1.23	-
Methyl tert butyl ether	1634-04-4		ND		0.721	-	ND		0.721	-
Methylene chloride	75-09-2		ND		1.74	-	ND		1.74	-
Naphthalene	91-20-3		1.56		1.05	-	2.03		1.05	-
n-Hexane	110-54-3		ND		0.705	-	ND		0.705	-
o-Xylene	95-47-6		ND		0.869	-	ND		0.869	-
p/m-Xylene	179601-23-1		ND		1.74	-	ND		1.74	-
Styrene	100-42-5		ND		0.852	-	ND		0.852	-
Tertiary butyl Alcohol	75-65-0		ND		1.52	-	2.76		1.52	-
Tetrachloroethene	127-18-4		3.38		1.36	-	ND		1.36	-
Tetrahydrofuran	109-99-9		ND		1.47	-	3.01		1.47	-
Toluene	108-88-3		ND		0.754	-	1.38		0.754	-
trans-1,2-Dichloroethene	156-60-5		ND		0.793	-	ND		0.793	-
trans-1,3-Dichloropropene	10061-02-6		ND		0.908	-	ND		0.908	-
Trichloroethene	79-01-6		18.8		1.07	-	7.9		1.07	-
Trichlorofluoromethane	75-69-4		6.63		1.12	-	ND		1.12	-
Vinyl bromide	593-60-2		ND		0.874	-	ND		0.874	-
Vinyl chloride	75-01-4		0.792		0.511	-	ND		0.511	-

* Comparison is not performed on parameters with non-numeric criteria

NOCRIT3: No Criteria Report -

TABLE 2
Soil Vapor Results
Former Standard Motor Products
37-18 Northern Boulevard, Long Island City, NY

		SAMPLE ID:	SG-8			
		LAB ID:	L2408841-08			
		COLLECTION DATE:	2/16/2024			
		SAMPLE MATRIX:	SOIL_VAPOR			
		NOCRIT3				
ANALYTE	CAS	(ug/m3)	Conc	Q	RL	MDL
VOLATILE ORGANICS IN AIR						
1,1,1-Trichloroethane	71-55-6		405		13.1	-
1,1,2,2-Tetrachloroethane	79-34-5		ND		16.5	-
1,1,2-Trichloroethane	79-00-5		ND		13.1	-
1,1-Dichloroethane	75-34-3		120		9.75	-
1,1-Dichloroethene	75-35-4		10.8		9.56	-
1,2,4-Trichlorobenzene	120-82-1		ND		17.9	-
1,2,4-Trimethylbenzene	95-63-6		ND		11.8	-
1,2-Dibromoethane	106-93-4		ND		18.5	-
1,2-Dichlorobenzene	95-50-1		ND		14.5	-
1,2-Dichloroethane	107-06-2		ND		9.75	-
1,2-Dichloropropane	78-87-5		ND		11.1	-
1,3,5-Trimethylbenzene	108-67-8		ND		11.8	-
1,3-Butadiene	106-99-0		ND		5.33	-
1,3-Dichlorobenzene	541-73-1		ND		14.5	-
1,4-Dichlorobenzene	106-46-7		ND		14.5	-
1,4-Dioxane	123-91-1		ND		8.68	-
2,2,4-Trimethylpentane	540-84-1		ND		11.3	-
2-Butanone	78-93-3		ND		17.8	-
2-Hexanone	591-78-6		ND		9.88	-
3-Chloropropene	107-05-1		ND		7.54	-
4-Ethyltoluene	622-96-8		ND		11.8	-
4-Methyl-2-pentanone	108-10-1		ND		24.7	-
Acetone	67-64-1		ND		28.7	-
Benzene	71-43-2		ND		7.7	-
Benzyl chloride	100-44-7		ND		12.5	-
Bromodichloromethane	75-27-4		ND		16.1	-
Bromoform	75-25-2		ND		24.9	-
Bromomethane	74-83-9		ND		9.36	-
Carbon disulfide	75-15-0		ND		7.51	-
Carbon tetrachloride	56-23-5		ND		15.2	-
Chlorobenzene	108-90-7		ND		11.1	-
Chloroethane	75-00-3		ND		6.36	-
Chloroform	67-66-3		ND		11.8	-
Chloromethane	74-87-3		ND		4.98	-
cis-1,2-Dichloroethene	156-59-2		81.7		9.56	-
cis-1,3-Dichloropropene	10061-01-5		ND		10.9	-
Cyclohexane	110-82-7		ND		8.3	-
Dibromochloromethane	124-48-1		ND		20.5	-
Dichlorodifluoromethane	75-71-8		ND		11.9	-
Ethanol	64-17-5		ND		114	-
Ethyl Acetate	141-78-6		ND		21.7	-
Ethylbenzene	100-41-4		ND		10.5	-
Freon-113	76-13-1		ND		18.5	-
Freon-114	76-14-2		ND		16.8	-
Heptane	142-82-5		ND		9.88	-
Hexachlorobutadiene	87-68-3		ND		25.7	-
Isopropanol	67-63-0		ND		14.8	-
Methyl tert butyl ether	1634-04-4		ND		8.69	-
Methylene chloride	75-09-2		ND		20.9	-
Naphthalene	91-20-3		ND		12.6	-
n-Hexane	110-54-3		ND		8.49	-
o-Xylene	95-47-6		ND		10.5	-
p/m-Xylene	179601-23-1		ND		20.9	-
Styrene	100-42-5		ND		10.3	-
Tertiary butyl Alcohol	75-65-0		ND		18.3	-
Tetrachloroethene	127-18-4		ND		16.3	-
Tetrahydrofuran	109-99-9		ND		17.8	-
Toluene	108-88-3		ND		9.08	-
trans-1,2-Dichloroethene	156-60-5		ND		9.56	-
trans-1,3-Dichloropropene	10061-02-6		ND		10.9	-
Trichloroethene	79-01-6		3120		13	-
Trichlorofluoromethane	75-69-4		ND		13.5	-
Vinyl bromide	593-60-2		ND		10.5	-
Vinyl chloride	75-01-4		ND		6.16	-

* Comparison is not performed on parameters with non-numeric criteria

NOCRIT3: No Criteria Report -

TABLE 3
Groundwater Results
Former Standard Motor Products
37-18 Northern Boulevard, Long Isalnd City, NY

		SAMPLE ID:	SMP-10				SMP-11S				SMP-16			
		LAB ID:	L2408651-01				L2408651-02				L2408651-03			
		COLLECTION DATE:	2/15/2024				2/15/2024				2/15/2024			
		SAMPLE MATRIX:	WATER				WATER				WATER			
		NY-AWQS												
ANALYTE	CAS	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
DISSOLVED GASES BY GC														
Methane	74-82-8		7220		2	2	17.2		2	2	ND		2	2
Ethene	74-85-1		ND		0.5	0.5	ND		0.5	0.5	ND		0.5	0.5
Ethane	74-84-0		7.21		0.5	0.5	ND		0.5	0.5	ND		0.5	0.5
VOLATILE ORGANICS BY GC/MS														
Methylene chloride	75-09-2	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,1-Dichloroethane	75-34-3	5	2	J	2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Chloroform	67-66-3	7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Carbon tetrachloride	56-23-5	5	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13
1,2-Dichloropropane	78-87-5	1	ND		1	0.14	ND		1	0.14	ND		1	0.14
Dibromochloromethane	124-48-1	50	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15
1,1,2-Trichloroethane	79-00-5	1	ND		1.5	0.5	ND		1.5	0.5	ND		1.5	0.5
Tetrachloroethene	127-18-4	5	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18
Chlorobenzene	108-90-7	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Trichlorofluoromethane	75-69-4	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2-Dichloroethane	107-06-2	0.6	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13
1,1,1-Trichloroethane	71-55-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Bromodichloromethane	75-27-4	50	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19
trans-1,3-Dichloropropene	10061-02-6	0.4	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
cis-1,3-Dichloropropene	10061-01-5	0.4	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14
1,3-Dichloropropene, Total	542-75-6		ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14
1,1-Dichloropropene	563-58-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Bromoform	75-25-2	50	ND		2	0.65	ND		2	0.65	ND		2	0.65
1,1,2,2-Tetrachloroethane	79-34-5	5	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
Benzene	71-43-2	1	5.7		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
Toluene	108-88-3	5	10		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Ethylbenzene	100-41-4	5	6.2		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Chloromethane	74-87-3		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Bromomethane	74-83-9	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Vinyl chloride	75-01-4	2	ND		1	0.07	0.1	J	1	0.07	38		1	0.07
Chloroethane	75-00-3	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,1-Dichloroethene	75-35-4	5	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
trans-1,2-Dichloroethene	156-60-5	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Trichloroethene	79-01-6	5	ND		0.5	0.18	1.3		0.5	0.18	ND		0.5	0.18
1,2-Dichlorobenzene	95-50-1	3	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichlorobenzene	541-73-1	3	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,4-Dichlorobenzene	106-46-7	3	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Methyl tert butyl ether	1634-04-4	10	ND		2.5	0.7	ND		2.5	0.7	0.84	J	2.5	0.7
p/m-Xylene	179601-23-1	5	12		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
o-Xylene	95-47-6	5	3.6		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Xylenes, Total	1330-20-7		16		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
cis-1,2-Dichloroethene	156-59-2	5	ND		2.5	0.7	ND		2.5	0.7	52		2.5	0.7
1,2-Dichloroethene, Total	540-59-0		ND		2.5	0.7	ND		2.5	0.7	52		2.5	0.7
Dibromomethane	74-95-3	5	ND		5	1	ND		5	1	ND		5	1
1,2,3-Trichloropropane	96-18-4	0.04	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Acrylonitrile	107-13-1	5	ND		5	1.5	ND		5	1.5	ND		5	1.5
Styrene	100-42-5	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Dichlorodifluoromethane	75-71-8	5	ND		5	1	ND		5	1	ND		5	1
Acetone	67-64-1	50	ND		5	1.5	ND		5	1.5	ND		5	1.5
Carbon disulfide	75-15-0	60	ND		5	1	ND		5	1	ND		5	1
2-Butanone	78-93-3	50	ND		5	1.9	ND		5	1.9	ND		5	1.9
Vinyl acetate	108-05-4		ND		5	1	ND		5	1	ND		5	1
4-Methyl-2-pentanone	108-10-1		ND		5	1	ND		5	1	ND		5	1
2-Hexanone	591-78-6	50	ND		5	1	ND		5	1	ND		5	1
Bromochloromethane	74-97-5	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
2,2-Dichloropropane	594-20-7	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2-Dibromoethane	106-93-4	0.0006	ND		2	0.65	ND		2	0.65	ND		2	0.65
1,3-Dichloropropane	142-28-9	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,1,1,2-Tetrachloroethane	630-20-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Bromobenzene	108-86-1	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
n-Butylbenzene	104-51-8	5	5.2		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
sec-Butylbenzene	135-98-8	5	4		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
tert-Butylbenzene	98-06-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
o-Chlorotoluene	95-49-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
p-Chlorotoluene	106-43-4	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2-Dibromo-3-chloropropane	96-12-8	0.04	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Hexachlorobutadiene	87-68-3	0.5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Isopropylbenzene	98-82-8	5	47		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
p-Isopropyltoluene	99-87-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Naphthalene	91-20-3	10	5.7		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
n-Propylbenzene	103-65-1	5	110		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,3-Trichlorobenzene	87-61-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,4-Trichlorobenzene	120-82-1	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,3,5-Trimethylbenzene	108-67-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,4-Trimethylbenzene	95-63-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,4-Dioxane	123-91-1		ND		250	61	ND		250	61	ND		250	61
p-Diethylbenzene	105-05-5		7		2	0.7	ND		2	0.7	ND		2	0.7
p-Ethyltoluene	622-96-8		1.6	J	2	0.7	ND		2	0.7	ND		2	0.7
1,2,4,5-Tetramethylbenzene	95-93-2	5	40		2	0.54	ND		2	0.54	ND		2	0.54
Ethyl ether	60-29-7		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
trans-1,4-Dichloro-2-butene	110-57-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Total VOCs			260	-	-	-	1.4	-	-	-	90.84	-	-	-
1,4 DIOXANE BY 8270E-SIM														
1,4-Dioxane	123-91-1		0.135	J	0.147	0.0332	0.341		0.156	0.0353	1.1		0.15	0.0339
DISSOLVED METALS														
Arsenic, Dissolved	7440-38-2	25	0.73		0.5	0.16	0.17	J	0.5	0.16	2.27		0.5	0.16
Iron, Dissolved	7439-89-6	300	124		50	19.1	ND		50	19.1	542		50	19.1
Manganese, Dissolved	7439-96-5	300	688.2		1	0.44	99.83		1	0.44	378.2		1	0.44
TOTAL METALS														
Arsenic, Total	7440-38-2	25	9.35		0.5	0.16	ND		0.5	0.16	34.75		0.5	0.16
Iron, Total	7439-89-6	300	11400		50	19.1	243		50	19.1	17800		50	19.1
Manganese, Total	7439-96-5	300	742.8		1	0.44	303.1		1	0.44	556.2		1	0.44
GENERAL CHEMISTRY														
Chloride	16887-00-6	250000	420000		10000	8900	280000		10000	8900	260000		10000	8900
Nitrogen, Nitrate	14797-55-8	10000	58	J	100	22	66	J	100	22	23	J	100	22
Sulfate	14808-79-8	250000	140000		50000	6800	49000		25000	3400	92000		25000	3400
Total Organic Carbon	7440-44-0		21000		5000	970	810		500	90	1500		500	90

* Comparison is not performed on parameters with non-numeric criteria.

NY-AWQS: New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum to criteria through June 2004.

TABLE 3
Groundwater Results
Former Standard Motor Products
37-18 Northern Boulevard, Long Isalnd City, NY

		SAMPLE ID:	SMP-17				SMP-18				SMP-19			
		LAB ID:	L2408651-04				L2408651-05				L2408651-06			
		COLLECTION DATE:	2/15/2024				2/15/2024				2/15/2024			
		SAMPLE MATRIX:	WATER				WATER				WATER			
ANALYTE	CAS	NY-AWQS (ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
DISSOLVED GASES BY GC														
Methane	74-82-8		68		2	2	63.1		2	2	14.3		2	2
Ethene	74-85-1		ND		0.5	0.5	ND		0.5	0.5	ND		0.5	0.5
Ethane	74-84-0		ND		0.5	0.5	ND		0.5	0.5	ND		0.5	0.5
VOLATILE ORGANICS BY GC/MS														
Methylene chloride	75-09-2	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,1-Dichloroethane	75-34-3	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Chloroform	67-66-3	7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Carbon tetrachloride	56-23-5	5	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13
1,2-Dichloropropane	78-87-5	1	ND		1	0.14	ND		1	0.14	ND		1	0.14
Dibromochloromethane	124-48-1	50	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15
1,1,2-Trichloroethane	79-00-5	1	ND		1.5	0.5	ND		1.5	0.5	ND		1.5	0.5
Tetrachloroethene	127-18-4	5	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18
Chlorobenzene	108-90-7	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Trichlorofluoromethane	75-69-4	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2-Dichloroethane	107-06-2	0.6	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13
1,1,1-Trichloroethane	71-55-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Bromodichloromethane	75-27-4	50	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19
trans-1,3-Dichloropropene	10061-02-6	0.4	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
cis-1,3-Dichloropropene	10061-01-5	0.4	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14
1,3-Dichloropropene, Total	542-75-6		ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14
1,1-Dichloropropene	563-58-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Bromoform	75-25-2	50	ND		2	0.65	ND		2	0.65	ND		2	0.65
1,1,2,2-Tetrachloroethane	79-34-5	5	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
Benzene	71-43-2	1	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
Toluene	108-88-3	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Ethylbenzene	100-41-4	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Chloromethane	74-87-3		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Bromomethane	74-83-9	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Vinyl chloride	75-01-4	2	0.55	J	1	0.07	0.3	J	1	0.07	0.24	J	1	0.07
Chloroethane	75-00-3	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,1-Dichloroethene	75-35-4	5	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
trans-1,2-Dichloroethene	156-60-5	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Trichloroethene	79-01-6	5	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18
1,2-Dichlorobenzene	95-50-1	3	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichlorobenzene	541-73-1	3	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,4-Dichlorobenzene	106-46-7	3	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Methyl tert butyl ether	1634-04-4	10	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
p/m-Xylene	179601-23-1	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
o-Xylene	95-47-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Xylenes, Total	1330-20-7		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
cis-1,2-Dichloroethene	156-59-2	5	1	J	2.5	0.7	0.77	J	2.5	0.7	2.7		2.5	0.7
1,2-Dichloroethene, Total	540-59-0		1	J	2.5	0.7	0.77	J	2.5	0.7	2.7		2.5	0.7
Dibromomethane	74-95-3	5	ND		5	1	ND		5	1	ND		5	1
1,2,3-Trichloropropane	96-18-4	0.04	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Acrylonitrile	107-13-1	5	ND		5	1.5	ND		5	1.5	ND		5	1.5
Styrene	100-42-5	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Dichlorodifluoromethane	75-71-8	5	ND		5	1	ND		5	1	ND		5	1
Acetone	67-64-1	50	ND		5	1.5	ND		5	1.5	ND		5	1.5
Carbon disulfide	75-15-0	60	ND		5	1	ND		5	1	ND		5	1
2-Butanone	78-93-3	50	ND		5	1.9	ND		5	1.9	ND		5	1.9
Vinyl acetate	108-05-4		ND		5	1	ND		5	1	ND		5	1
4-Methyl-2-pentanone	108-10-1		ND		5	1	ND		5	1	ND		5	1
2-Hexanone	591-78-6	50	ND		5	1	ND		5	1	ND		5	1
Bromochloromethane	74-97-5	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
2,2-Dichloropropane	594-20-7	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2-Dibromoethane	106-93-4	0.0006	ND		2	0.65	ND		2	0.65	ND		2	0.65
1,3-Dichloropropane	142-28-9	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,1,1,2-Tetrachloroethane	630-20-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Bromobenzene	108-86-1	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
n-Butylbenzene	104-51-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
sec-Butylbenzene	135-98-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
tert-Butylbenzene	98-06-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
o-Chlorotoluene	95-49-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
p-Chlorotoluene	106-43-4	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2-Dibromo-3-chloropropane	96-12-8	0.04	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Hexachlorobutadiene	87-68-3	0.5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Isopropylbenzene	98-82-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
p-Isopropyltoluene	99-87-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Naphthalene	91-20-3	10	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
n-Propylbenzene	103-65-1	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,3-Trichlorobenzene	87-61-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,4-Trichlorobenzene	120-82-1	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,3,5-Trimethylbenzene	108-67-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,4-Trimethylbenzene	95-63-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,4-Dioxane	123-91-1		ND		250	61	ND		250	61	ND		250	61
p-Diethylbenzene	105-05-5		ND		2	0.7	ND		2	0.7	ND		2	0.7
p-Ethyltoluene	622-96-8		ND		2	0.7	ND		2	0.7	ND		2	0.7
1,2,4,5-Tetramethylbenzene	95-93-2	5	ND		2	0.54	ND		2	0.54	ND		2	0.54
Ethyl ether	60-29-7		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
trans-1,4-Dichloro-2-butene	110-57-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Total VOCs			1.55	-	-	-	1.07	-	-	-	2.94	-	-	-
1,4 DIOXANE BY 8270E-SIM														
1,4-Dioxane	123-91-1		0.141	J	0.163	0.0368	0.237		0.15	0.0339	0.346		0.15	0.0339
DISSOLVED METALS														
Arsenic, Dissolved	7440-38-2	25	0.19	J	0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
Iron, Dissolved	7439-89-6	300	ND		50	19.1	ND		50	19.1	168		50	19.1
Manganese, Dissolved	7439-96-5	300	314.8		1	0.44	166.2		1	0.44	108.4		1	0.44
TOTAL METALS														
Arsenic, Total	7440-38-2	25	0.24	J	0.5	0.16	ND		0.5	0.16	2.27		0.5	0.16
Iron, Total	7439-89-6	300	35.6	J	50	19.1	127		50	19.1	15700		50	19.1
Manganese, Total	7439-96-5	300	400.6		1	0.44	227.8		1	0.44	4662		10	4.4
GENERAL CHEMISTRY														
Chloride	16887-00-6	250000	270000		10000	8900	290000		10000	8900	230000		10000	8900
Nitrogen, Nitrate	14797-55-8	10000	34	J	100	22	51	J	100	22	24	J	100	22
Sulfate	14808-79-8	250000	57000		25000	3400	56000		25000	3400	67000		25000	3400
Total Organic Carbon	7440-44-0		770		500	90	700		500	90	810		500	90

* Comparison is not performed on parameters with non-numeric criteria.

NY-AWQS: New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum

TABLE 3
Groundwater Results
Former Standard Motor Products
37-18 Northern Boulevard, Long Isalnd City, NY

		SAMPLE ID:	SMP-DUP				SMP-20				
		LAB ID:	L2408651-08				L2408651-07				
		COLLECTION DATE:	2/15/2024				2/15/2024				
		SAMPLE MATRIX:	WATER				WATER				
		NY-AWQS									
ANALYTE	CAS	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL
DISSOLVED GASES BY GC											
Methane	74-82-8		13.9		2	2	166		2	2
Ethene	74-85-1		ND		0.5	0.5	ND		0.5	0.5
Ethane	74-84-0		ND		0.5	0.5	ND		0.5	0.5
VOLATILE ORGANICS BY GC/MS											
Methylene chloride	75-09-2	5	ND		2.5	0.7	ND		2.5	0.7
1,1-Dichloroethane	75-34-3	5	ND		2.5	0.7	ND		2.5	0.7
Chloroform	67-66-3	7	ND		2.5	0.7	ND		2.5	0.7
Carbon tetrachloride	56-23-5	5	ND		0.5	0.13	ND		0.5	0.13
1,2-Dichloropropane	78-87-5	1	ND		1	0.14	ND		1	0.14
Dibromochloromethane	124-48-1	50	ND		0.5	0.15	ND		0.5	0.15
1,1,2-Trichloroethane	79-00-5	1	ND		1.5	0.5	ND		1.5	0.5
Tetrachloroethene	127-18-4	5	ND		0.5	0.18	ND		0.5	0.18
Chlorobenzene	108-90-7	5	ND		2.5	0.7	ND		2.5	0.7
Trichlorofluoromethane	75-69-4	5	ND		2.5	0.7	ND		2.5	0.7
1,2-Dichloroethane	107-06-2	0.6	ND		0.5	0.13	ND		0.5	0.13
1,1,1-Trichloroethane	71-55-6	5	ND		2.5	0.7	ND		2.5	0.7
Bromodichloromethane	75-27-4	50	ND		0.5	0.19	ND		0.5	0.19
trans-1,3-Dichloropropene	10061-02-6	0.4	ND		0.5	0.16	ND		0.5	0.16
cis-1,3-Dichloropropene	10061-01-5	0.4	ND		0.5	0.14	ND		0.5	0.14
1,3-Dichloropropene, Total	542-75-6		ND		0.5	0.14	ND		0.5	0.14
1,1-Dichloropropene	563-58-6	5	ND		2.5	0.7	ND		2.5	0.7
Bromoform	75-25-2	50	ND		2	0.65	ND		2	0.65
1,1,2,2-Tetrachloroethane	79-34-5	5	ND		0.5	0.17	ND		0.5	0.17
Benzene	71-43-2	1	ND		0.5	0.16	ND		0.5	0.16
Toluene	108-88-3	5	ND		2.5	0.7	ND		2.5	0.7
Ethylbenzene	100-41-4	5	ND		2.5	0.7	ND		2.5	0.7
Chloromethane	74-87-3		ND		2.5	0.7	ND		2.5	0.7
Bromomethane	74-83-9	5	ND		2.5	0.7	ND		2.5	0.7
Vinyl chloride	75-01-4	2	0.26	J	1	0.07	ND		1	0.07
Chloroethane	75-00-3	5	ND		2.5	0.7	ND		2.5	0.7
1,1-Dichloroethene	75-35-4	5	ND		0.5	0.17	ND		0.5	0.17
trans-1,2-Dichloroethene	156-60-5	5	ND		2.5	0.7	ND		2.5	0.7
Trichloroethene	79-01-6	5	ND		0.5	0.18	ND		0.5	0.18
1,2-Dichlorobenzene	95-50-1	3	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichlorobenzene	541-73-1	3	ND		2.5	0.7	ND		2.5	0.7
1,4-Dichlorobenzene	106-46-7	3	ND		2.5	0.7	ND		2.5	0.7
Methyl tert butyl ether	1634-04-4	10	ND		2.5	0.7	ND		2.5	0.7
p/m-Xylene	179601-23-1	5	ND		2.5	0.7	ND		2.5	0.7
o-Xylene	95-47-6	5	ND		2.5	0.7	ND		2.5	0.7
Xylenes, Total	1330-20-7		ND		2.5	0.7	ND		2.5	0.7
cis-1,2-Dichloroethene	156-59-2	5	2.8		2.5	0.7	ND		2.5	0.7
1,2-Dichloroethene, Total	540-59-0		2.8		2.5	0.7	ND		2.5	0.7
Dibromomethane	74-95-3	5	ND		5	1	ND		5	1
1,2,3-Trichloropropane	96-18-4	0.04	ND		2.5	0.7	ND		2.5	0.7
Acrylonitrile	107-13-1	5	ND		5	1.5	ND		5	1.5
Styrene	100-42-5	5	ND		2.5	0.7	ND		2.5	0.7
Dichlorodifluoromethane	75-71-8	5	ND		5	1	ND		5	1
Acetone	67-64-1	50	ND		5	1.5	ND		5	1.5
Carbon disulfide	75-15-0	60	ND		5	1	ND		5	1
2-Butanone	78-93-3	50	ND		5	1.9	ND		5	1.9
Vinyl acetate	108-05-4		ND		5	1	ND		5	1
4-Methyl-2-pentanone	108-10-1		ND		5	1	ND		5	1
2-Hexanone	591-78-6	50	ND		5	1	ND		5	1
Bromochloromethane	74-97-5	5	ND		2.5	0.7	ND		2.5	0.7
2,2-Dichloropropane	594-20-7	5	ND		2.5	0.7	ND		2.5	0.7
1,2-Dibromoethane	106-93-4	0.0006	ND		2	0.65	ND		2	0.65
1,3-Dichloropropane	142-28-9	5	ND		2.5	0.7	ND		2.5	0.7
1,1,1,2-Tetrachloroethane	630-20-6	5	ND		2.5	0.7	ND		2.5	0.7
Bromobenzene	108-86-1	5	ND		2.5	0.7	ND		2.5	0.7
n-Butylbenzene	104-51-8	5	ND		2.5	0.7	ND		2.5	0.7
sec-Butylbenzene	135-98-8	5	ND		2.5	0.7	ND		2.5	0.7
tert-Butylbenzene	98-06-6	5	ND		2.5	0.7	ND		2.5	0.7
o-Chlorotoluene	95-49-8	5	ND		2.5	0.7	ND		2.5	0.7
p-Chlorotoluene	106-43-4	5	ND		2.5	0.7	ND		2.5	0.7
1,2-Dibromo-3-chloropropane	96-12-8	0.04	ND		2.5	0.7	ND		2.5	0.7
Hexachlorobutadiene	87-68-3	0.5	ND		2.5	0.7	ND		2.5	0.7
Isopropylbenzene	98-82-8	5	ND		2.5	0.7	ND		2.5	0.7
p-Isopropyltoluene	99-87-6	5	ND		2.5	0.7	ND		2.5	0.7
Naphthalene	91-20-3	10	ND		2.5	0.7	ND		2.5	0.7
n-Propylbenzene	103-65-1	5	ND		2.5	0.7	ND		2.5	0.7
1,2,3-Trichlorobenzene	87-61-6	5	ND		2.5	0.7	ND		2.5	0.7
1,2,4-Trichlorobenzene	120-82-1	5	ND		2.5	0.7	ND		2.5	0.7
1,3,5-Trimethylbenzene	108-67-8	5	ND		2.5	0.7	ND		2.5	0.7
1,2,4-Trimethylbenzene	95-63-6	5	ND		2.5	0.7	ND		2.5	0.7
1,4-Dioxane	123-91-1		ND		250	61	ND		250	61
p-Diethylbenzene	105-05-5		ND		2	0.7	ND		2	0.7
p-Ethyltoluene	622-96-8		ND		2	0.7	ND		2	0.7
1,2,4,5-Tetramethylbenzene	95-93-2	5	ND		2	0.54	ND		2	0.54
Ethyl ether	60-29-7		ND		2.5	0.7	ND		2.5	0.7
trans-1,4-Dichloro-2-butene	110-57-6	5	ND		2.5	0.7	ND		2.5	0.7
Total VOCs			3.06	-	-	-	-	-	-	-
1,4 DIOXANE BY 8270E-SIM										
1,4-Dioxane	123-91-1		0.351		0.15	0.0339	0.23		0.15	0.0339
DISSOLVED METALS										
Arsenic, Dissolved	7440-38-2	25	ND		0.5	0.16	ND		0.5	0.16
Iron, Dissolved	7439-89-6	300	38.8	J	50	19.1	ND		50	19.1
Manganese, Dissolved	7439-96-5	300	108.8		1	0.44	161.9		1	0.44
TOTAL METALS										
Arsenic, Total	7440-38-2	25	1.77		0.5	0.16	0.22	J	0.5	0.16
Iron, Total	7439-89-6	300	11400		50	19.1	348		50	19.1
Manganese, Total	7439-96-5	300	3824		10	4.4	182.5		1	0.44
GENERAL CHEMISTRY										
Chloride	16887-00-6	250000	220000		10000	8900	290000		10000	8900
Nitrogen, Nitrate	14797-55-8	10000	40	J	100	22	ND		100	22
Sulfate	14808-79-8	250000	68000		25000	3400	51000		25000	3400
Total Organic Carbon	7440-44-0		820		500	90	710		500	90

* Comparison is not performed on parameters with non-numeric criteria.

NY-AWQS: New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum

TABLE 3
Groundwater Results
Former Standard Motor Products
37-18 Northern Boulevard, Long Isalnd City, NY

		SAMPLE ID:	SMP-FB				TB			
		LAB ID:	L2408651-09				L2408651-10			
		COLLECTION DATE:	2/15/2024				2/14/2024			
		SAMPLE MATRIX:	WATER				WATER			
		NY-AWQS								
ANALYTE	CAS	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL
DISSOLVED GASES BY GC										
Methane	74-82-8		ND		2	2	-	-	-	-
Ethene	74-85-1		ND		0.5	0.5	-	-	-	-
Ethane	74-84-0		ND		0.5	0.5	-	-	-	-
VOLATILE ORGANICS BY GC/MS										
Methylene chloride	75-09-2	5	ND		2.5	0.7	ND		2.5	0.7
1,1-Dichloroethane	75-34-3	5	ND		2.5	0.7	ND		2.5	0.7
Chloroform	67-66-3	7	ND		2.5	0.7	ND		2.5	0.7
Carbon tetrachloride	56-23-5	5	ND		0.5	0.13	ND		0.5	0.13
1,2-Dichloropropane	78-87-5	1	ND		1	0.14	ND		1	0.14
Dibromochloromethane	124-48-1	50	ND		0.5	0.15	ND		0.5	0.15
1,1,2-Trichloroethane	79-00-5	1	ND		1.5	0.5	ND		1.5	0.5
Tetrachloroethene	127-18-4	5	ND		0.5	0.18	ND		0.5	0.18
Chlorobenzene	108-90-7	5	ND		2.5	0.7	ND		2.5	0.7
Trichlorofluoromethane	75-69-4	5	ND		2.5	0.7	ND		2.5	0.7
1,2-Dichloroethane	107-06-2	0.6	ND		0.5	0.13	ND		0.5	0.13
1,1,1-Trichloroethane	71-55-6	5	ND		2.5	0.7	ND		2.5	0.7
Bromodichloromethane	75-27-4	50	ND		0.5	0.19	ND		0.5	0.19
trans-1,3-Dichloropropene	10061-02-6	0.4	ND		0.5	0.16	ND		0.5	0.16
cis-1,3-Dichloropropene	10061-01-5	0.4	ND		0.5	0.14	ND		0.5	0.14
1,3-Dichloropropene, Total	542-75-6		ND		0.5	0.14	ND		0.5	0.14
1,1-Dichloropropene	563-58-6	5	ND		2.5	0.7	ND		2.5	0.7
Bromoform	75-25-2	50	ND		2	0.65	ND		2	0.65
1,1,2,2-Tetrachloroethane	79-34-5	5	ND		0.5	0.17	ND		0.5	0.17
Benzene	71-43-2	1	ND		0.5	0.16	ND		0.5	0.16
Toluene	108-88-3	5	ND		2.5	0.7	ND		2.5	0.7
Ethylbenzene	100-41-4	5	ND		2.5	0.7	ND		2.5	0.7
Chloromethane	74-87-3		ND		2.5	0.7	ND		2.5	0.7
Bromomethane	74-83-9	5	ND		2.5	0.7	ND		2.5	0.7
Vinyl chloride	75-01-4	2	ND		1	0.07	ND		1	0.07
Chloroethane	75-00-3	5	ND		2.5	0.7	ND		2.5	0.7
1,1-Dichloroethene	75-35-4	5	ND		0.5	0.17	ND		0.5	0.17
trans-1,2-Dichloroethene	156-60-5	5	ND		2.5	0.7	ND		2.5	0.7
Trichloroethene	79-01-6	5	ND		0.5	0.18	ND		0.5	0.18
1,2-Dichlorobenzene	95-50-1	3	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichlorobenzene	541-73-1	3	ND		2.5	0.7	ND		2.5	0.7
1,4-Dichlorobenzene	106-46-7	3	ND		2.5	0.7	ND		2.5	0.7
Methyl tert butyl ether	1634-04-4	10	ND		2.5	0.7	ND		2.5	0.7
p/m-Xylene	179601-23-1	5	ND		2.5	0.7	ND		2.5	0.7
o-Xylene	95-47-6	5	ND		2.5	0.7	ND		2.5	0.7
Xylenes, Total	1330-20-7		ND		2.5	0.7	ND		2.5	0.7
cis-1,2-Dichloroethene	156-59-2	5	ND		2.5	0.7	ND		2.5	0.7
1,2-Dichloroethene, Total	540-59-0		ND		2.5	0.7	ND		2.5	0.7
Dibromomethane	74-95-3	5	ND		5	1	ND		5	1
1,2,3-Trichloropropane	96-18-4	0.04	ND		2.5	0.7	ND		2.5	0.7
Acrylonitrile	107-13-1	5	ND		5	1.5	ND		5	1.5
Styrene	100-42-5	5	ND		2.5	0.7	ND		2.5	0.7
Dichlorodifluoromethane	75-71-8	5	ND		5	1	ND		5	1
Acetone	67-64-1	50	ND		5	1.5	ND		5	1.5
Carbon disulfide	75-15-0	60	ND		5	1	ND		5	1
2-Butanone	78-93-3	50	ND		5	1.9	ND		5	1.9
Vinyl acetate	108-05-4		ND		5	1	ND		5	1
4-Methyl-2-pentanone	108-10-1		ND		5	1	ND		5	1
2-Hexanone	591-78-6	50	ND		5	1	ND		5	1
Bromochloromethane	74-97-5	5	ND		2.5	0.7	ND		2.5	0.7
2,2-Dichloropropane	594-20-7	5	ND		2.5	0.7	ND		2.5	0.7
1,2-Dibromoethane	106-93-4	0.0006	ND		2	0.65	ND		2	0.65
1,3-Dichloropropane	142-28-9	5	ND		2.5	0.7	ND		2.5	0.7
1,1,1,2-Tetrachloroethane	630-20-6	5	ND		2.5	0.7	ND		2.5	0.7
Bromobenzene	108-86-1	5	ND		2.5	0.7	ND		2.5	0.7
n-Butylbenzene	104-51-8	5	ND		2.5	0.7	ND		2.5	0.7
sec-Butylbenzene	135-98-8	5	ND		2.5	0.7	ND		2.5	0.7
tert-Butylbenzene	98-06-6	5	ND		2.5	0.7	ND		2.5	0.7
o-Chlorotoluene	95-49-8	5	ND		2.5	0.7	ND		2.5	0.7
p-Chlorotoluene	106-43-4	5	ND		2.5	0.7	ND		2.5	0.7
1,2-Dibromo-3-chloropropane	96-12-8	0.04	ND		2.5	0.7	ND		2.5	0.7
Hexachlorobutadiene	87-68-3	0.5	ND		2.5	0.7	ND		2.5	0.7
Isopropylbenzene	98-82-8	5	ND		2.5	0.7	ND		2.5	0.7
p-Isopropyltoluene	99-87-6	5	ND		2.5	0.7	ND		2.5	0.7
Naphthalene	91-20-3	10	ND		2.5	0.7	ND		2.5	0.7
n-Propylbenzene	103-65-1	5	ND		2.5	0.7	ND		2.5	0.7
1,2,3-Trichlorobenzene	87-61-6	5	ND		2.5	0.7	ND		2.5	0.7
1,2,4-Trichlorobenzene	120-82-1	5	ND		2.5	0.7	ND		2.5	0.7
1,3,5-Trimethylbenzene	108-67-8	5	ND		2.5	0.7	ND		2.5	0.7
1,2,4-Trimethylbenzene	95-63-6	5	ND		2.5	0.7	ND		2.5	0.7
1,4-Dioxane	123-91-1		ND		250	61	ND		250	61
p-Diethylbenzene	105-05-5		ND		2	0.7	ND		2	0.7
p-Ethyltoluene	622-96-8		ND		2	0.7	ND		2	0.7
1,2,4,5-Tetramethylbenzene	95-93-2	5	ND		2	0.54	ND		2	0.54
Ethyl ether	60-29-7		ND		2.5	0.7	ND		2.5	0.7
trans-1,4-Dichloro-2-butene	110-57-6	5	ND		2.5	0.7	ND		2.5	0.7
Total VOCs			-	-	-	-	-	-	-	-
1,4 DIOXANE BY 8270E-SIM										
1,4-Dioxane	123-91-1		ND		0.144	0.0326	-	-	-	-
DISSOLVED METALS										
Arsenic, Dissolved	7440-38-2	25	ND		0.5	0.16	-	-	-	-
Iron, Dissolved	7439-89-6	300	35.4	J	50	19.1	-	-	-	-
Manganese, Dissolved	7439-96-5	300	ND		1	0.44	-	-	-	-
TOTAL METALS										
Arsenic, Total	7440-38-2	25	ND		0.5	0.16	-	-	-	-
Iron, Total	7439-89-6	300	ND		50	19.1	-	-	-	-
Manganese, Total	7439-96-5	300	ND		1	0.44	-	-	-	-
GENERAL CHEMISTRY										
Chloride	16887-00-6	250000	ND		1000	890	-	-	-	-
Nitrogen, Nitrate	14797-55-8	10000	ND		100	22	-	-	-	-
Sulfate	14808-79-8	250000	ND		10000	1400	-	-	-	-
Total Organic Carbon	7440-44-0		260	J	500	90	-	-	-	-

* Comparison is not performed on parameters with non-numeric criteria.

NY-AWQS: New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum

TABLE 4A

January 2023 SSDS Pressure Field Test Results

Former Standard Motor Products

37-18 Northern Boulevard, Long Island City, NY

Date: 1/11/2024		Field Personnel: M. McBride, D. Vindas, M. Nichols		
		Reading (in. WC)	Time	PID Reading (ppm)
Sub-Slab Monitoring Point Vacuum (in. WC)	SB01	N/A**	N/A**	
	SB02	N/A*	N/A*	
	SB03	0.30	12:16	
	SB04	1.30	12:05	
	SB05	0.26	12:22	
	SB06	N/A*	N/A*	
	SB09	0.025	13:18	
	SB10	0.06	13:07	
	SB12	N/A**	N/A**	
	SB13	N/A*	N/A*	
	SB15	N/A**	N/A**	
	SB22	0.35	12:42	
	SB24	N/A*	N/A*	
	SB25	0.06	12:53	
Extraction Sump Vacuum Monitoring Guage (in. WC)	ES01	11.0	12:10	0.1
	ES02	10.4	12:44	0.1
	ES03	8.6	12:33	0.1
	ES04	9.2	11:59	0.9
	ES05	9.0	13:04	0.0
	ES06	8.8	13:02	0.1
	ES07	8.6	12:10	0.0
	ES08	9.0	11:48	0.1
	ES09	11.5	11:45	0.0

Notes:

Sub-slab vacuum readings measured with Magnehelic manometers.

Extraction sump vacuum readings recorded from fixed gauge on extraction piping.

* - No measurement taken; sampling point inaccessible because building occupant(s) temporarily relocated shelving, boxes, etc.

** - No measurement taken; access was denied to the tenant space.

TABLE 4B
January 2023 SSDS Pressure Field Test Results
Former Standard Motor Products
37-18 Northern Boulevard, Long Island City, NY

Date: 1/24/2024 & 1/25/2024*		Field Personnel: P. McDonnell & M. Nichols	
		Reading (in. WC)	Time
Sub-Slab Monitoring Point Vacuum (in. WC)	SB01*	0.52	10:31
	SB02	0.15	9:34
	SB06	1.20	11:30
	SB09*	0.025	12:53
	SB12	1.55	11:58
	SB13	0.60	14:04
	SB15*	0.46	13:33
	SB22*	0.34	9:51
	SB24	0.36	10:30

Notes:
Sub-slab vacuum readings measured with Magnehelic manometers after their reinstallation.
* - Location was reinstalled and measured on 1/25/2024.

TABLE 5
SSDS SYSTEM TESTING RESULTS
Former Standard Motor Products
37-18 Northern Boulevard, Long Island City, NY

Date: 2/16/2024		Field Personnel: P. McDonnell & M. Nichols		
		Reading (in. WC)	Time	PID Reading (ppm)
Influent Header Vac (in. WC)		9.0	13:00	0.0
Blower Influent Vac (in. WC)		22.0	13:00	-
Blower Effluent Pressure (in. WC)		2.9	13:00	0.0
Blower Effluent Temperature (˚F)		82.7	13:00	0.0
Total Flowrate (cfm)		858.7	13:00	-
Sub-Slab Monitoring Point Vacuum (in. WC)	SB01	0.50	17:21	
	SB02	0.10	17:35	
	SB03	0.40	17:00	
	SB04	1.30	17:15	
	SB05	0.25	16:50	
	SB06	1.25	17:04	
	SB09	0.02	16:31	
	SB10	0.06	16:24	
	SB12	1.60	16:41	
	SB13	0.60	16:39	
	SB15	0.50	17:30	
	SB22	0.30	16:45	
	SB24	0.40	17:24	
	SB25	0.02	17:28	
Extraction Sump Vacuum Monitoring Guage (in. WC)	ES01	7.5	16:59	3.6
	ES02	N/A**	N/A**	N/A**
	ES03	8.6	16:37	0.0
	ES04	9.2	17:16	0.0
	ES05	8.8	17:10	0.0
	ES06	8.7	17:20	0.0
	ES07	8.2	16:27	0.0
	ES08***	7.2	11:45	0.0
	ES09***	7.2	11:50	0.0

Notes:

Sub-slab vacuum readings measured with Magnehelic manometers.

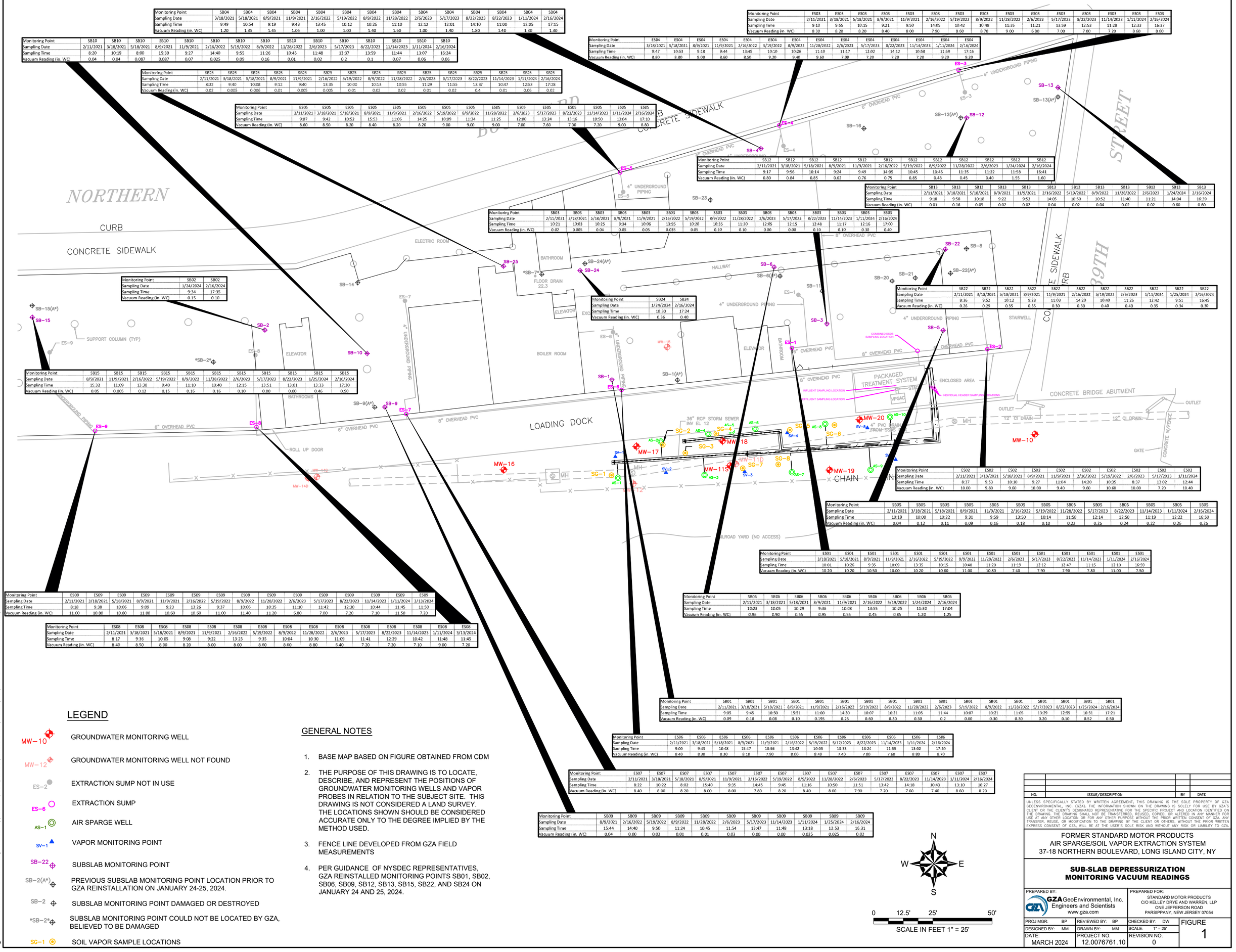
Extraction sump vacuum readings recorded from fixed gauge on extraction piping.

* - No measurement taken; sampling point inaccessible because building occupant(s) temporarily relocated shelving, boxes, etc.

** - No measurement taken; access was denied to the tenant space.

*** - Measurement was taken on 3/13/2024 beause access was denied to the tenant space on the initial day of attempted monitoring for this quarter (2/16/2024).

Figures



Monitoring Point	SB04	SB04	SB04	SB04	SB04	SB04	SB04	SB04	SB04	SB04	SB04	SB04	SB04	SB04
Sampling Date	3/18/2021	5/18/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022	8/9/2022	11/28/2022	2/6/2023	5/17/2023	8/22/2023	8/22/2023	1/11/2024	2/16/2024
Sampling Time	9:49	10:54	9:19	9:43	13:45	10:12	10:26	11:10	12:12	12:01	14:10	11:00	12:05	17:15
Vacuum Reading (in. WC)	1.20	1.35	1.45	1.05	1.00	1.00	1.40	1.60	1.00	1.40	1.80	1.40	1.30	1.30

Monitoring Point	SB10	SB10	SB10	SB10	SB10	SB10	SB10	SB10	SB10	SB10	SB10	SB10	SB10	SB10	SB10
Sampling Date	2/11/2021	3/18/2021	5/18/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022	8/9/2022	11/28/2022	2/6/2023	5/17/2023	8/22/2023	11/14/2023	1/11/2024	2/16/2024
Sampling Time	8:20	10:19	8:00	15:39	9:27	14:40	9:55	11:26	10:45	11:48	13:37	13:59	11:44	13:07	16:24
Vacuum Reading (in. WC)	0.04	0.04	0.087	0.087	0.07	0.025	0.09	0.16	0.01	0.02	0.2	0.1	0.07	0.06	0.06

Monitoring Point	SB25	SB25	SB25	SB25	SB25	SB25	SB25	SB25	SB25	SB25	SB25	SB25	SB25	SB25
Sampling Date	2/11/2021	3/18/2021	5/18/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022	8/9/2022	11/28/2022	2/6/2023	5/17/2023	8/22/2023	11/14/2023	1/11/2024	2/16/2024
Sampling Time	8:32	9:40	10:08	9:12	9:40	13:35	10:00	10:13	10:55	11:29	11:55	13:37	10:47	12:53	17:28
Vacuum Reading (in. WC)	0.02	0.005	0.006	0.01	0.005	0.005	0.01	0.02	0.02	0.01	0.02	0.4	0.01	0.06	0.02

Monitoring Point	ES05	ES05	ES05	ES05	ES05	ES05	ES05	ES05	ES05	ES05	ES05	ES05	ES05	ES05	ES05
Sampling Date	2/11/2021	3/18/2021	5/18/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022	8/9/2022	11/28/2022	2/6/2023	5/17/2023	8/22/2023	11/14/2023	1/11/2024	2/16/2024
Sampling Time	9:07	9:42	10:52	15:53	11:06	14:25	10:09	11:34	11:25	12:00	13:24	13:16	10:50	13:04	17:10
Vacuum Reading (in. WC)	8.60	8.50	8.20	8.40	8.20	8.20	9.00	9.00	9.00	7.00	7.60	7.00	7.20	9.00	8.80

Monitoring Point	SB02	SB02
Sampling Date	1/24/2024	2/16/2024
Sampling Time	9:34	17:35
Vacuum Reading (in. WC)	0.15	0.10

Monitoring Point	SB15	SB15	SB15	SB15	SB15	SB15	SB15	SB15	SB15	SB15	SB15
Sampling Date	8/9/2021	11/9/2021	2/16/2022	5/19/2022	8/9/2022	11/28/2022	2/6/2023	5/17/2023	8/22/2023	1/25/2024	2/16/2024
Sampling Time	15:32	11:09	13:30	9:40	11:10	10:40	12:15	13:51	13:01	13:33	17:30
Vacuum Reading (in. WC)	0.05	0.005	0.12	0.15	0.16	0.16	0.10	0.00	0.00	0.46	0.50

Monitoring Point	ES09	ES09	ES09	ES09	ES09	ES09	ES09	ES09	ES09	ES09	ES09	ES09	ES09	ES09	ES09
Sampling Date	2/11/2021	3/18/2021	5/18/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022	8/9/2022	11/28/2022	2/6/2023	5/17/2023	8/22/2023	11/14/2023	1/11/2024	3/13/2024
Sampling Time	8:18	9:38	10:06	9:09	9:23	13:25	9:37	10:06	10:35	11:10	11:42	12:30	10:44	11:45	11:50
Vacuum Reading (in. WC)	11.00	10.80	10.80	11.00	10.60	10.60	11.00	11.40	11.20	6.80	7.00	7.20	7.10	11.50	7.20

Monitoring Point	ES08	ES08	ES08	ES08	ES08	ES08	ES08	ES08	ES08	ES08	ES08	ES08	ES08	ES08	ES08
Sampling Date	2/11/2021	3/18/2021	5/18/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022	8/9/2022	11/28/2022	2/6/2023	5/17/2023	8/22/2023	11/14/2023	1/11/2024	3/13/2024
Sampling Time	8:17	9:36	10:05	9:08	9:22	13:25	9:35	10:04	10:30	11:09	11:41	12:29	10:42	11:48	11:45
Vacuum Reading (in. WC)	8.40	8.50	8.00	8.20	8.00	8.00	8.60	8.60	8.80	6.40	7.20	7.20	7.10	9.00	7.20

Monitoring Point	SB03	SB03	SB03	SB03	SB03	SB03	SB03	SB03	SB03	SB03	SB03	SB03	SB03	SB03	SB03
Sampling Date	2/11/2021	3/18/2021	5/18/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022	8/9/2022	11/28/2022	2/6/2023	5/17/2023	8/22/2023	11/14/2023	1/11/2024	2/16/2024
Sampling Time	10:21	10:03	10:25	9:34	10:06	13:55	10:20	10:35	11:20	12:05	12:15	12:48	11:17	12:16	17:00
Vacuum Reading (in. WC)	0.02	0.005	0.04	0.05	0.05	0.035	0.05	0.10	0.10	0.00	0.00	0.10	0.10	0.30	0.40

Monitoring Point	SB24	SB24
Sampling Date	1/24/2024	2/16/2024
Sampling Time	10:30	17:24
Vacuum Reading (in. WC)	0.36	0.40

Monitoring Point	ES03	ES03	ES03	ES03	ES03	ES03	ES03	ES03	ES03	ES03	ES03	ES03	ES03	ES03	ES03
Sampling Date	2/11/2021	3/18/2021	5/18/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022	8/9/2022	11/28/2022	2/6/2023	5/17/2023	8/22/2023	11/14/2023	1/11/2024	2/16/2024
Sampling Time	9:10	9:55	10:15	9:21	9:50	14:05	10:42	10:48	11:35	11:21	13:59	12:53	11:28	12:33	16:37
Vacuum Reading (in. WC)	8.30	8.20	8.20	8.40	8.00	7.90	8.60	8.70	9.00	6.80	7.00	7.00	7.20	8.60	8.60

Monitoring Point	ES04	ES04	ES04	ES04	ES04	ES04	ES04	ES04	ES04	ES04	ES04	ES04	ES04	ES04	ES04
Sampling Date	3/18/2021	5/18/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022	8/9/2022	11/28/2022	2/6/2023	5/17/2023	8/22/2023	11/14/2023	1/11/2024	2/16/2024	
Sampling Time	9:47	10:53	9:18	9:44	13:45	10:10	10:26	11:10	11:17	12:02	14:12	10:58	11:59	17:16	
Vacuum Reading (in. WC)	8.80	8.80	9.00	8.60	8.50	9.20	9.40	9.60	7.00	7.20	7.20	7.20	9.20	9.20	

Monitoring Point	SB12	SB12	SB12	SB12	SB12	SB12	SB12	SB12	SB12	SB12	SB12	SB12
Sampling Date	2/11/2021	3/18/2021	5/18/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022	8/9/2022	11/28/2022	2/6/2023	1/24/2024	2/16/2024
Sampling Time	9:17	9:56	10:14	9:24	9:49	14:05	10:45	10:46	11:35	11:22	11:58	16:41
Vacuum Reading (in. WC)	0.80	0.84	0.85	0.62	0.76	0.75	0.85	0.48	0.45	0.40	1.55	1.60

Monitoring Point	SB13	SB13	SB13	SB13	SB13	SB13	SB13	SB13	SB13	SB13	SB13	SB13
Sampling Date	2/11/2021	3/18/2021	5/18/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022	8/9/2022	11/28/2022	2/6/2023	1/24/2024	2/16/2024
Sampling Time	9:18	9:58	10:18	9:22	9:53	14:05	10:50	10:52	11:40	11:21	14:04	16:39
Vacuum Reading (in. WC)	0.01	0.16	0.05	0.02	0.02	0.04	0.02	0.04	0.02	0.02	0.60	0.60

Monitoring Point	SB22	SB22	SB22	SB22	SB22	SB22	SB22	SB22	SB22	SB22	SB22
Sampling Date	2/11/2021	3/18/2021	5/18/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022	2/6/2023	1/11/2024	1/25/2024	2/16/2024
Sampling Time	8:36	9:52	10:12	9:28	11:03	14:20	10:40	11:26	12:42	9:51	16:45
Vacuum Reading (in. WC)	0.26	0.29	0.35	0.35	0.30	0.30	0.40	0.40	0.35	0.34	0.30

Monitoring Point	ES02	ES02	ES02	ES02	ES02	ES02	ES02	ES02	ES02	ES02
Sampling Date	2/11/2021	3/18/2021	5/18/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022	2/6/2023	5/17/2023	1/11/2024
Sampling Time	8:37	9:53	10:10	9:27	11:04	14:20	10:35	8:37	13:02	12:44
Vacuum Reading (in. WC)	10.00	9.80	9.60	10.00	9.40	9.60	10.60	10.00	7.20	10.40

Monitoring Point	SB05	SB05	SB05	SB05	SB05	SB05	SB05	SB05	SB05	SB05	SB05	SB05	SB05	SB05
Sampling Date	2/11/2021	3/18/2021	5/18/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022	11/28/2022	5/17/2023	8/22/2023	11/14/2023	1/11/2024	2/16/2024	
Sampling Time	10:19	10:00	10:22	9:31	9:59	13:50	10:14	11:50	12:14	12:50	11:19	12:22	16:50	
Vacuum Reading (in. WC)	0.04	0.12	0.11	0.09	0.16	0.18	0.10	0.22	0.25	0.24	0.22	0.26	0.25	

Monitoring Point	ES01	ES01	ES01	ES01	ES01	ES01	ES01	ES01	ES01	ES01	ES01	ES01	ES01
Sampling Date	3/18/2021	5/18/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022	8/9/2022	11/28/2022	2/6/2023	5/17/2023	8/22/2023	11/14/2023	1/11/2024	2/16/2024
Sampling Time	10:01	10:26	9:35	10:09	13:35	10:15	10:40	11:20	11:19	12:12	12:47	11:15	12:10	16:59
Vacuum Reading (in. WC)	10.20	10.20	10.50	10.00	10.20	10.80	11.00	10.80	7.40	7.90	7.90	7.80	11.00	7.50

Monitoring Point	SB06	SB06	SB06	SB06	SB06	SB06	SB06	SB06	SB06
Sampling Date	2/11/2021	3/18/2021	5/18/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022	1/24/2024	2/16/2024
Sampling Time	10:23	10:05	10:29	9:36	10:08	13:55	10:25	11:30	17:04
Vacuum Reading (in. WC)	0.96	0.90	0.55	0.95	0.55	0.45	0.85	1.20	1.25

Monitoring Point:	SB01	SB01	SB01	SB01	SB01	SB01	SB01	SB01	SB01	SB01	SB01	SB01	SB01	SB01	SB01	SB01
Sampling Date	2/11/2021	3/18/2021	5/18/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022	8/9/2022	11/28/2022	2/6/2023	5/19/2022	8/9/2022	11/28/2022	5/17/2023	8/22/2023	1/25/2024	2/16/2024
Sampling Time	9:05	9:45	10:50	15:51	11:00	14:30	10:07	10:21	11:05	11:44	10:07	10:21	11:05	13:29	12:55	10:31	17:21
Vacuum Reading (in. WC)	0.09	0.10	0.08	0.10	0.195	0.25	0.60	0.30	0.30	0.2	0.60	0.30	0.30	0.20	0.10	0.52	0.50

Monitoring Point	ES06	ES06	ES06	ES06	ES06	ES06	ES06	ES06	ES06	ES06	ES06	ES06
Sampling Date	2/11/2021	3/18/2021	5/18/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022	5/17/2023	8/22/2023	11/14/2023	1/11/2024	2/16/2024
Sampling Time	9:00	9:43	10:48	15:47	10:56	13:42	10:05	13:33	13:24	11:55	13:02	17:20
Vacuum Reading (in. WC)	8.40	8.30	8.30	8.10	7.90	8.00	8.40	7.40	7.80	7.60	8.80	8.70

Monitoring Point	ES07	ES07	ES07	ES07	ES07	ES07	ES07	ES07	ES07	ES07	ES07	ES07	ES07	ES07	ES07
Sampling Date	2/11/2021	3/18/2021	5/18/2021	8/9/2021	11/9/2021	2/16/2022	5/19/2022	8/9/2022	11/28/2022	2/6/2023	5/17/2023	8/22/2023	11/14/2023	1/11/2024	2/16/2024
Sampling Time	8:22	10:22	8:02	15:40	9:35	14:45	9:45	11:16	10:50	11:51	13:42	14:18	10:43	13:10	16:27
Vacuum Reading (in. WC)	8.40	8.00	8.20	8.00	8.00	7.80	8.20	8.40	8.60	7.90	7.20	7.60	7.40	8.60	8.20

Monitoring Point	SB09	SB09	SB09	SB09	SB09	SB09	SB09	SB09	SB09	SB09	SB09
Sampling Date	8/9/2021	2/16/2022	5/19/2022	8/9/2022	11/28/2022	2/6/2023	5/17/2023	11/14/2023	1/11/2024	1/25/2024	2/16/2024
Sampling Time	15:44	14:40	9:50	11:24	10:45	11:54	13:47	11:48	13:18	12:53	16:31
Vacuum Reading (in. WC)	0.04	0.00	0.02	0.01	0.01	0.03	0.00	0.00	0.025	0.025	0.02

LEGEND

- MW-10 — GROUNDWATER MONITORING WELL
- MW-12 — GROUNDWATER MONITORING WELL NOT FOUND
- ES-2 — EXTRACTION SUMP NOT IN USE
- ES-6 — EXTRACTION SUMP
- AS-1 — AIR SPARGE WELL
- SV-1 — VAPOR MONITORING POINT
- SB-22 — SUBSLAB MONITORING POINT
- SB-2(A*) — PREVIOUS SUBSLAB MONITORING POINT LOCATION PRIOR TO GZA REINSTALLATION ON JANUARY 24-25, 2024.
- SB-2 — SUBSLAB MONITORING POINT DAMAGED OR DESTROYED
- *SB-2* — SUBSLAB MONITORING POINT COULD NOT BE LOCATED BY GZA, BELIEVED TO BE DAMAGED
- SG-1 — SOIL VAPOR SAMPLE LOCATIONS

GENERAL NOTES

1. BASE MAP BASED ON FIGURE OBTAINED FROM CDM
2. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF GROUNDWATER MONITORING WELLS AND VAPOR PROBES IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
3. FENCE LINE DEVELOPED FROM GZA FIELD MEASUREMENTS
4. PER GUIDANCE OF NYSDEC REPRESENTATIVES, GZA REINSTALLED MONITORING POINTS SB01, SB02, SB06, SB09, SB12, SB13, SB15, SB22, AND SB24 ON JANUARY 24 AND 25, 2024.

N
W E
S

0 12.5' 25' 50'
SCALE IN FEET 1" = 25'

NO.	ISSUE/DESCRIPTION	BY	DATE

UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

FORMER STANDARD MOTOR PRODUCTS
AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
37-18 NORTHERN BOULEVARD, LONG ISLAND CITY, NY

SUB-SLAB DEPRESSURIZATION MONITORING VACUUM READINGS

PREPARED BY:
GZA GeoEnvironmental, Inc.
Engineers and Scientists
www.gza.com

PREPARED FOR:
STANDARD MOTOR PRODUCTS
C/O KELLEY DRYE AND WARREN, LLP
ONE JEFFERSON ROAD
PARSIPPANY, NEW JERSEY 07054

PROJ MGR: BP	REVIEWED BY: BP	CHECKED BY: DW	FIGURE
DESIGNED BY: MM	DRAWN BY: MM	SCALE: 1" = 25'	1
DATE: MARCH 2024	PROJECT NO. 12.0076761.10	REVISION NO. 0	

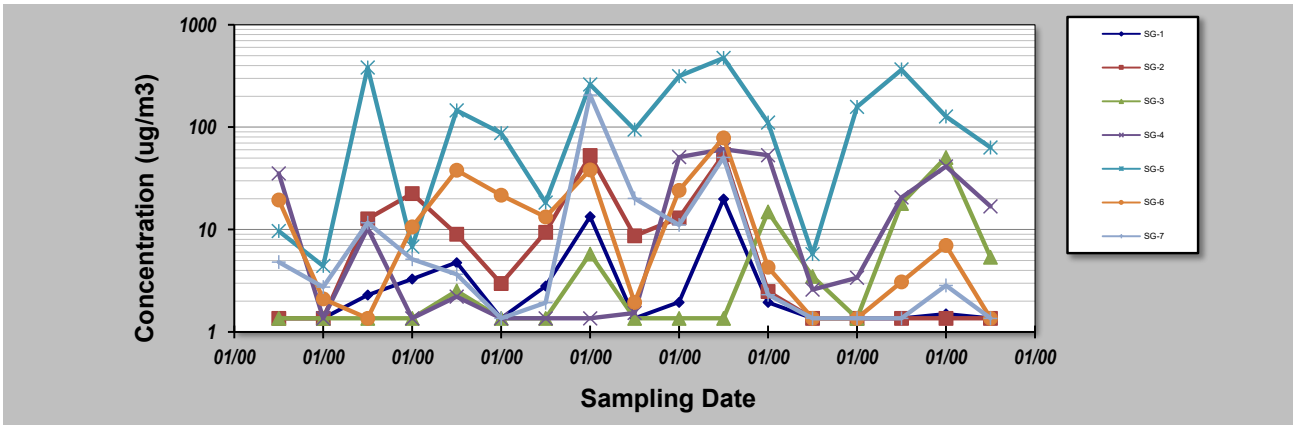
©2020 – GZA GeoEnvironmental, Inc. G:\ZA-\\GZAHAM1\JOBS\76700'S\12.0076761.00\FIGURES\CAD\2024 MPRS – WORKING FIGURE\SSDS CHEMBOX MAP_RELOCATED POINTS_FEB2024.DWG SSDS CHEMBOX – FIG 1 MARCH 28, 2024 MORGAN MCBRIDE

APPENDIX E MANN-KENDALL ANALYSIS OF SOIL VAPOR SAMPLES

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Dec-25	Job ID:	170861201
Facility Name:	Standard Motor Products	Constituent:	*Tetrachloroethene (PCE)*
Conducted By:	Morgan McBride	Concentration Units:	ug/m^3

Sampling Point ID:	SG-1	SG-2	SG-3	SG-4	SG-5	SG-6	SG-7
Sampling Event	Sampling Date	TETRACHLOROETHENE (PCE) CONCENTRATION (ug/m3)						
1	11/24/2020	1.36	1.36	1.36	35.3	9.7	19.5	4.82
2	2/12/2021	1.36	1.36	1.36	1.36	4.41	2.1	2.74
3	5/19/2021	2.29	12.7	1.36	10.3	382	1.36	11.7
4	8/9/2021	3.29	22.5	1.36	1.36	6.78	10.6	5.13
5	11/9/2021	4.76	9.02	2.52	2.21	146	38	3.65
6	2/16/2022	1.36	2.98	1.36	1.36	87.5	21.6	1.36
7	5/19/2022	2.81	9.43	1.36	1.36	18.3	13.3	1.93
8	8/10/2022	13.4	53	5.78	1.36	262	38.2	206
9	11/28/2022	1.36	8.68	1.36	1.53	94.9	1.94	20.1
10	2/7/2023	1.95	13	1.36	51	315	24.1	11.1
11	5/17/2023	19.8	54	1.36	60.9	473	78.7	50.8
12	8/22/2023	1.94	2.48	14.9	53.4	111	4.28	2.31
13	11/14/2023	1.36	1.36	3.47	2.6	5.75	1.36	1.36
14	2/16/2024	1.36	1.36	1.36	3.38	158	1.36	1.36
15	5/8/2024	1.36	1.36	18	20.6	365	3.09	1.36
16	8/28/2024	1.5	1.36	50.8	41.4	127	6.98	2.85
17	11/5/2024	1.36	1.36	5.35	16.8	63.5	1.36	1.36
18								
19								
20								
Coefficient of Variation:		1.38	1.45	1.84	1.20	0.97	1.30	2.56
Mann-Kendall Statistic (S):		-18	-31	55	42	28	-24	-38
Confidence Factor:		75.5%	89.0%	98.8%	95.4%	86.5%	82.6%	93.6%
Concentration Trend:		No Trend	No Trend	Increasing	Increasing	No Trend	No Trend	Prob. Decreasing



Notes:

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2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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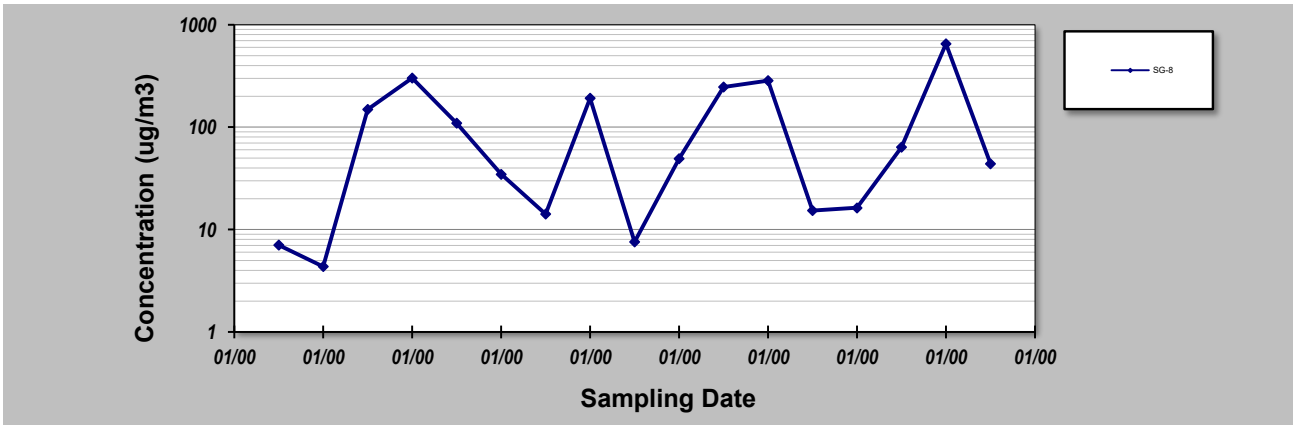
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Dec-25	Job ID:	170861201
Facility Name:	Standard Motor Products	Constituent:	*Tetrachloroethene (PCE)*
Conducted By:	Morgan McBride	Concentration Units:	ug/m^3

Sampling Point ID: **SG-8**

Sampling Event	Sampling Date	TETRACHLOROETHENE (PCE) CONCENTRATION (ug/m3)
1	11/24/2020	7.05
2	2/12/2021	4.35
3	5/19/2021	149
4	8/9/2021	302
5	11/9/2021	109
6	2/16/2022	34.7
7	5/20/2022	14.2
8	8/10/2022	191
9	11/28/2022	7.59
10	2/7/2023	49.2
11	5/17/2023	246
12	8/22/2023	285
13	11/14/2023	15.3
14	2/16/2024	16.3
15	5/8/2024	63.7
16	8/28/2024	652
17	11/5/2024	43.8
18		
19		
20		
Coefficient of Variation:		1.31
Mann-Kendall Statistic (S):		28
Confidence Factor:		86.5%
Concentration Trend:		No Trend



Notes:

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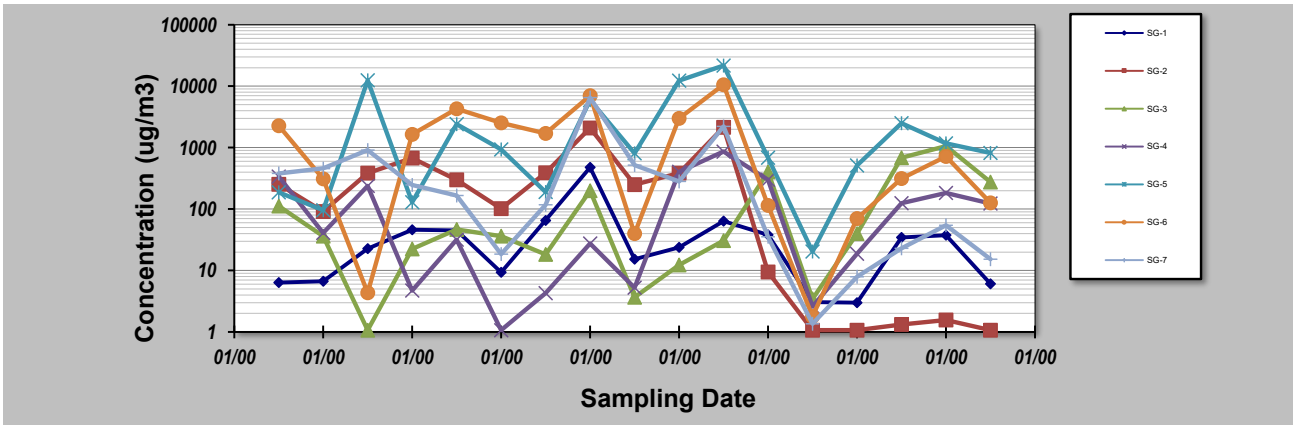
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Dec-25	Job ID:	170861201
Facility Name:	Standard Motor Products	Constituent:	*Trichloroethene (TCE)*
Conducted By:	Morgan McBride	Concentration Units:	ug/m^3

Sampling Point ID:	SG-1	SG-2	SG-3	SG-4	SG-5	SG-6	SG-7
Sampling Event	Sampling Date	TRICHLOROETHENE (TCE) CONCENTRATION (ug/m3)						
1	11/24/2020	6.34	254	112	338	188	2280	379
2	2/12/2021	6.66	90.8	36.1	40.7	95.7	310	458
3	5/19/2021	22.6	383	1.07	239	12500	4.34	914
4	8/9/2021	46.3	677	22.5	4.73	129	1640	247
5	11/9/2021	44.9	298	46.8	31.6	2410	4280	167
6	2/16/2022	9.35	102	36.2	1.07	940	2530	18.5
7	5/19/2022	65.6	389	18.3	4.27	190	1700	117
8	8/10/2022	476	2100	200	27.5	5910	6990	6500
9	11/28/2022	15.2	251	3.67	5.27	812	40.1	520
10	2/7/2023	23.8	383	12.3	406	12300	2990	283
11	5/17/2023	64	2140	30.5	865	21700	10600	2220
12	8/22/2023	37.9	9.46	403	298	688	114	35.4
13	11/14/2023	3.05	1.07	3.47	2.6	20.3	1.79	1.36
14	2/16/2024	3	1.07	40	18.8	514	70.4	7.9
15	5/8/2024	34.7	1.32	688	124	2490	313	23
16	8/28/2024	37.6	1.56	1060	182	1170	720	54.3
17	11/5/2024	6.07	1.07	275	123	822	126	15.3
18								
19								
20								
Coefficient of Variation:		2.09	1.61	1.66	1.41	1.65	1.43	2.26
Mann-Kendall Statistic (S):		-6	-48	36	4	16	-14	-52
Confidence Factor:		58.0%	97.4%	92.4%	54.8%	72.9%	70.1%	98.3%
Concentration Trend:		No Trend	Decreasing	Prob. Increasing	No Trend	No Trend	No Trend	Decreasing



Notes:

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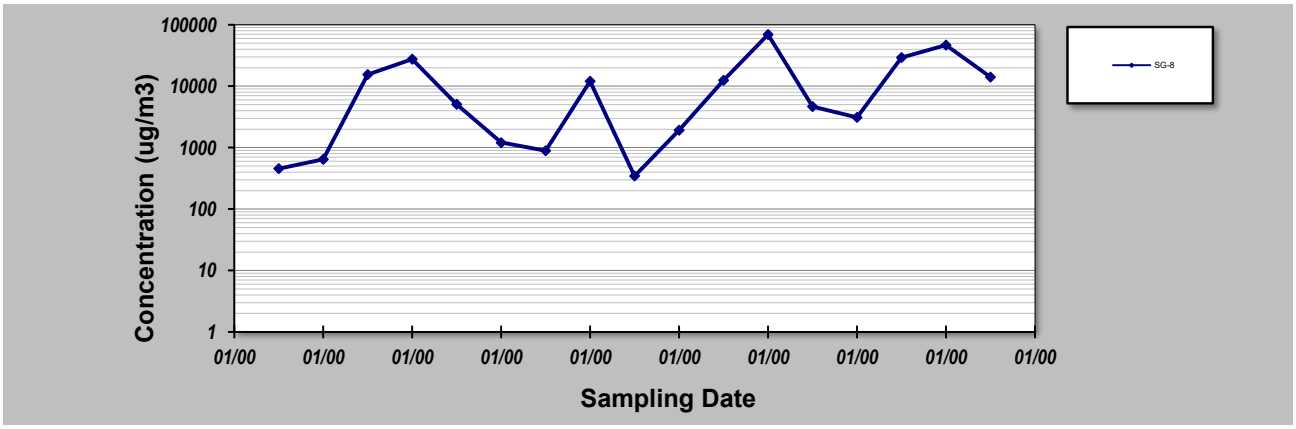
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Dec-25	Job ID:	170861201
Facility Name:	Standard Motor Products	Constituent:	*Trichloroethene(TCE)*
Conducted By:	Morgan McBride	Concentration Units:	ug/m^3

Sampling Point ID: **SG-8**

Sampling Event	Sampling Date	TRICHLOROETHENE(TCE) CONCENTRATION (ug/m3)
1	11/24/2020	456
2	2/12/2021	645
3	5/19/2021	15400
4	8/9/2021	27500
5	11/9/2021	5050
6	2/16/2022	1210
7	5/19/2022	892
8	8/10/2022	12100
9	11/28/2022	344
10	2/7/2023	1920
11	5/17/2023	12500
12	8/22/2023	69300
13	11/14/2023	4690
14	2/16/2024	3120
15	5/8/2024	29200
16	8/28/2024	46600
17	11/5/2024	14000
18		
19		
20		
Coefficient of Variation:		1.33
Mann-Kendall Statistic (S):		46
Confidence Factor:		96.8%
Concentration Trend:		Increasing



Notes:

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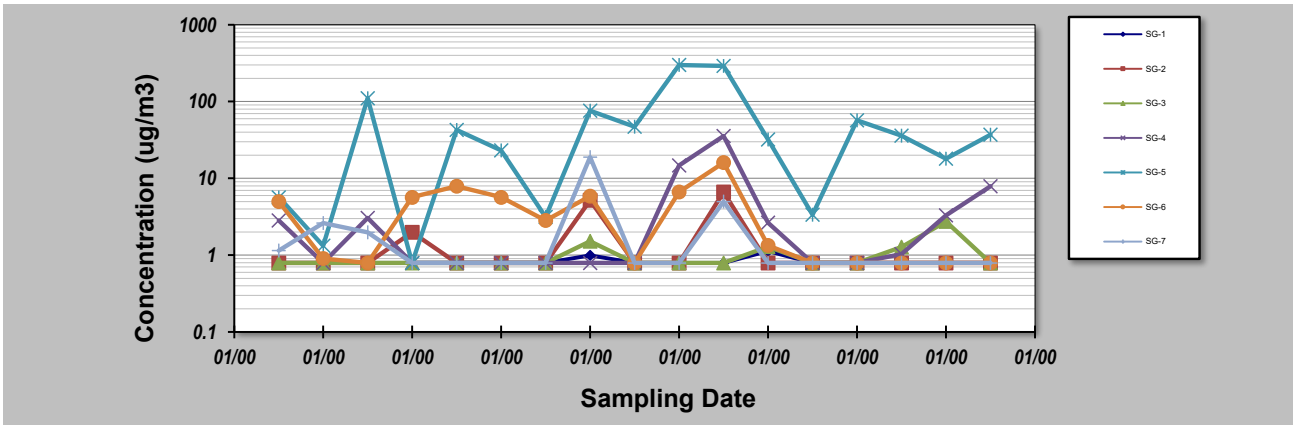
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Dec-25	Job ID:	170861201
Facility Name:	Standard Motor Products	Constituent:	*1,1-Dichloroethene (DCE)*
Conducted By:	Morgan McBride	Concentration Units:	ug/m^3

Sampling Point ID:	SG-1	SG-2	SG-3	SG-4	SG-5	SG-6	SG-7
Sampling Event	Sampling Date	1,1-DICHLOROETHENE (DCE) CONCENTRATION (ug/m3)						
1	11/24/2020	0.793	0.793	0.793	2.83	5.67	4.96	1.15
2	2/12/2021	0.793	0.793	0.793	0.793	1.32	0.904	2.62
3	5/19/2021	0.793	0.793	0.793	3.05	110	0.793	1.98
4	8/9/2021	0.793	1.98	0.793	0.793	0.793	5.67	0.793
5	11/9/2021	0.793	0.793	0.793	0.793	42.8	7.93	0.793
6	2/16/2022	0.793	0.793	0.793	0.793	23.1	5.67	0.793
7	5/19/2022	0.793	0.793	0.793	0.793	3.15	2.83	0.793
8	8/10/2022	0.991	5.19	1.51	0.793	75.7	5.87	18.9
9	11/28/2022	0.793	0.793	0.793	0.793	47.2	0.793	0.793
10	2/7/2023	0.793	0.793	0.793	14.8	299	6.62	0.793
11	5/17/2023	0.793	6.62	0.793	35.6	291	16	4.96
12	8/22/2023	1.13	0.793	1.29	2.64	32.2	1.34	0.793
13	11/14/2023	0.793	0.793	0.793	0.793	3.36	0.793	0.793
14	2/16/2024	0.793	0.793	0.793	0.793	57.1	0.793	0.793
15	5/8/2024	0.793	0.793	1.27	1.03	36	0.793	0.793
16	8/28/2024	0.793	0.793	2.74	3.3	18	0.793	0.793
17	11/5/2024	0.793	0.793	0.793	7.93	37.1	0.793	0.793
18								
19								
20								
Coefficient of Variation:		0.11	1.17	0.50	1.92	1.39	1.15	1.92
Mann-Kendall Statistic (S):		3	-8	26	34	12	-32	-26
Confidence Factor:		53.6%	62.2%	86.7%	93.0%	68.7%	91.7%	86.7%
Concentration Trend:		No Trend	No Trend	No Trend	Prob. Increasing	No Trend	Prob. Decreasing	No Trend



Notes:

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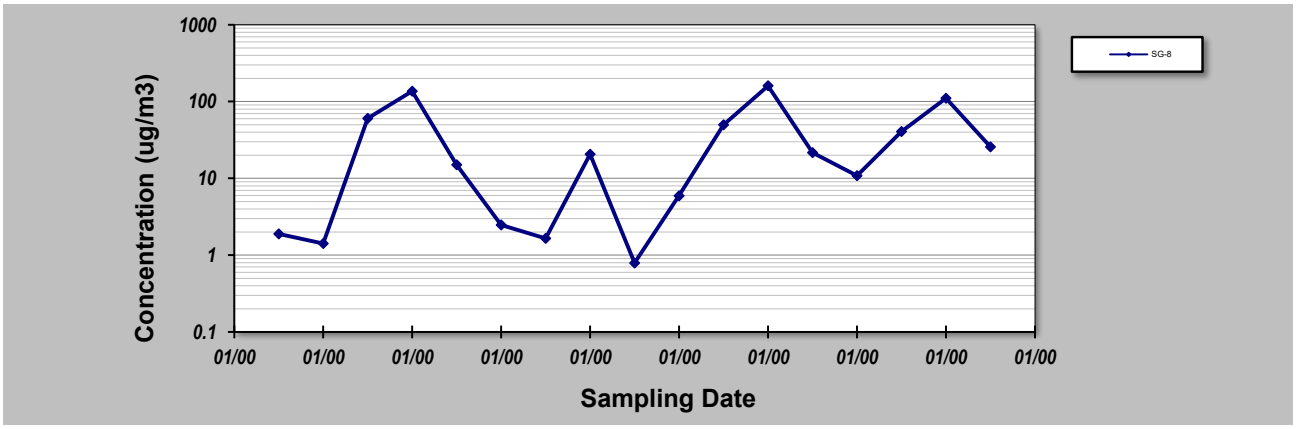
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Dec-25	Job ID:	170861201
Facility Name:	Standard Motor Products	Constituent:	*1,1-Dichloroethene (DCE)*
Conducted By:	Morgan McBride	Concentration Units:	ug/m^3

Sampling Point ID: **SG-8**

Sampling Event	Sampling Date	1,1-DICHLOROETHENE (DCE) CONCENTRATION (ug/m3)
1	11/24/2020	1.89
2	2/12/2021	1.42
3	5/19/2021	60.3
4	8/9/2021	137
5	11/9/2021	15
6	2/16/2022	2.48
7	5/19/2022	1.65
8	8/10/2022	20.7
9	11/28/2022	0.793
10	2/7/2023	5.95
11	5/17/2023	50
12	8/22/2023	160
13	11/14/2023	21.6
14	2/16/2024	10.8
15	5/8/2024	40.8
16	8/28/2024	110
17	11/5/2024	25.6
18		
19		
20		
Coefficient of Variation:		1.28
Mann-Kendall Statistic (S):		36
Confidence Factor:		92.4%
Concentration Trend:		Prob. Increasing



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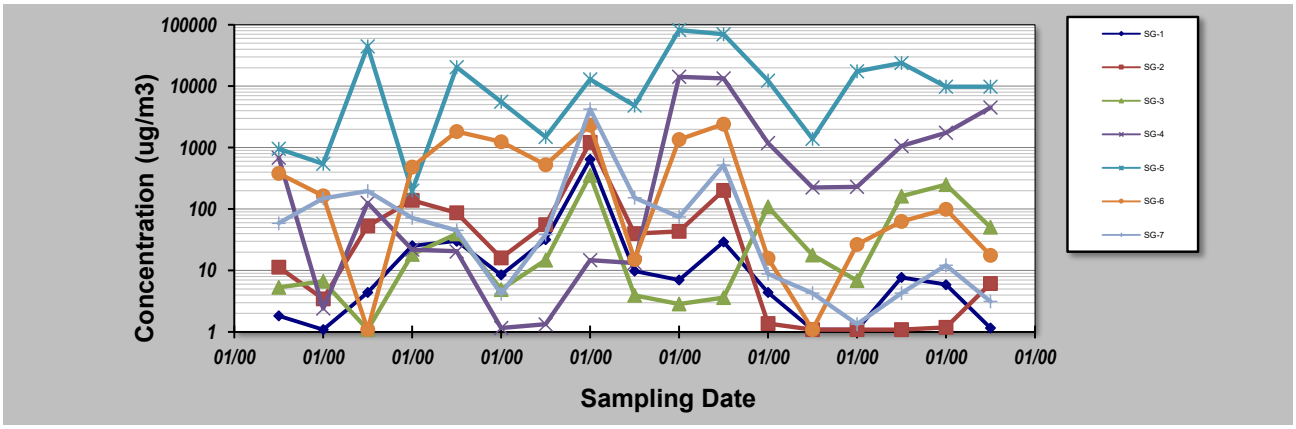
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Dec-25	Job ID:	170861201
Facility Name:	Standard Motor Products	Constituent:	*1,1,1-Trichloroethane (TCA)*
Conducted By:	Morgan McBride	Concentration Units:	ug/m^3

Sampling Point ID:	SG-1	SG-2	SG-3	SG-4	SG-5	SG-6	SG-7
Sampling Event	Sampling Date	1,1,1-TRICHLOROETHANE (TCA) CONCENTRATION (ug/m3)						
1	11/24/2020	1.83	11.3	5.34	687	955	379	58.9
2	2/12/2021	1.09	3.44	6.71	2.41	545	164	150
3	5/19/2021	4.39	53.1	1.09	126	44300	1.09	196
4	8/9/2021	25.4	139	18.3	21.8	198	481	72
5	11/9/2021	30.1	86.8	39.2	20.5	20400	1840	44.8
6	2/16/2022	8.51	16.1	4.92	1.16	5570	1240	4.18
7	5/19/2022	31.8	55.7	14.8	1.33	1490	526	38.6
8	8/10/2022	644	1220	355	14.7	13000	2320	4240
9	11/28/2022	9.77	40	3.94	13.2	4860	15.1	153
10	2/7/2023	6.98	43.2	2.84	14200	81800	1360	74.2
11	5/17/2023	29.3	202	3.64	13400	70400	2420	517
12	8/22/2023	4.39	1.37	109	1190	12300	15.8	8.84
13	11/14/2023	1.09	1.09	17.8	225	1390	1.09	4.29
14	2/16/2024	1.09	1.09	6.82	231	17400	26.6	1.34
15	5/8/2024	7.75	1.09	163	1070	23700	62.7	4.27
16	8/28/2024	5.89	1.19	249	1740	9820	98.8	12.1
17	11/5/2024	1.16	6.11	50.7	4510	9770	17.7	3.13
18								
19								
20								
Coefficient of Variation:		3.21	2.63	1.65	2.05	1.30	1.32	3.09
Mann-Kendall Statistic (S):		-18	-41	40	48	26	-13	-52
Confidence Factor:		75.5%	95.0%	94.6%	97.4%	84.6%	68.7%	98.3%
Concentration Trend:		No Trend	Prob. Decreasing	Prob. Increasing	Increasing	No Trend	No Trend	Decreasing



Notes:

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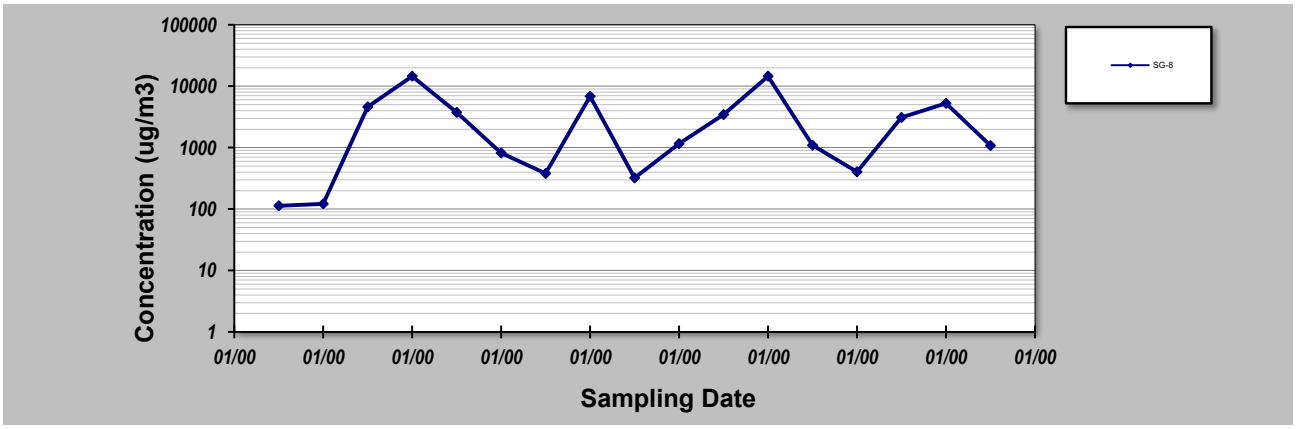
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Dec-25	Job ID:	170861201
Facility Name:	Standard Motor Products	Constituent:	*1,1,1-Trichloroethane (TCA)*
Conducted By:	Morgan McBride	Concentration Units:	ug/m^3

Sampling Point ID: **SG-8**

Sampling Event	Sampling Date	1,1,1-TRICHLOROETHANE (TCA) CONCENTRATION (ug/m3)
1	11/24/2020	113
2	2/12/2021	122
3	5/19/2021	4600
4	8/9/2021	14500
5	11/9/2021	3770
6	2/16/2022	818
7	5/19/2022	380
8	8/10/2022	6820
9	11/29/2022	321
10	2/7/2023	1160
11	5/17/2023	3440
12	8/22/2023	14500
13	11/14/2023	1090
14	2/16/2024	405
15	5/8/2024	3090
16	8/28/2024	5270
17	11/5/2024	1080
18		
19		
20		
Coefficient of Variation:		1.26
Mann-Kendall Statistic (S):		17
Confidence Factor:		74.2%
Concentration Trend:		No Trend



Notes:

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3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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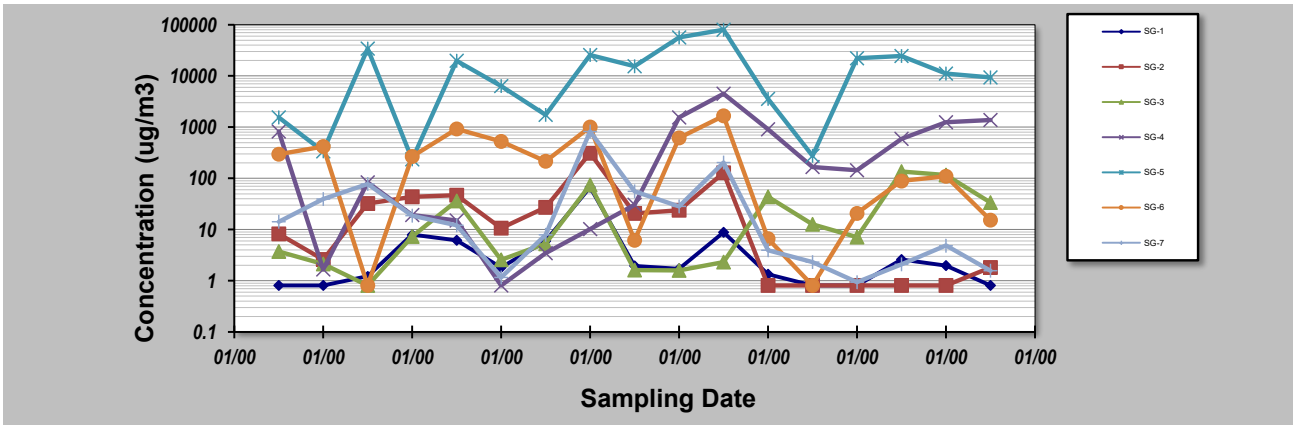
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Dec-25	Job ID:	170861201
Facility Name:	Standard Motor Products	Constituent:	*1,1-Dichloroethane (DCA)*
Conducted By:	Morgan McBride	Concentration Units:	ug/m^3

Sampling Point ID:	SG-1	SG-2	SG-3	SG-4	SG-5	SG-6	SG-7
Sampling Event	Sampling Date	1,1-DICHLOROETHANE (DCA) CONCENTRATION (ug/m3)						
1	11/24/2020	0.809	8.22	3.7	826	1550	297	14.2
2	2/12/2021	0.809	2.59	2.12	1.66	336	421	39.5
3	5/19/2021	1.22	32.4	0.809	83.4	34400	0.809	77.3
4	8/9/2021	7.93	43.7	7.33	19.1	234	268	18.7
5	11/9/2021	6.15	47	36.3	15.1	19800	919	12.2
6	2/16/2022	1.82	10.7	2.56	0.809	6390	526	1.16
7	5/19/2022	5.95	27.2	5.3	3.47	1740	217	7.85
8	8/10/2022	67.2	311	74.5	10.2	25700	1010	822
9	11/28/2022	1.95	20.6	1.61	30.4	15500	6.15	55.9
10	2/7/2023	1.72	24	1.6	1540	56300	619	28.3
11	5/17/2023	8.78	129	2.32	4490	80100	1660	204
12	8/22/2023	1.34	0.809	43.7	911	3580	6.64	3.93
13	11/14/2023	0.809	0.809	12.7	166	275	0.809	2.31
14	2/16/2024	0.809	0.809	7.12	145	22200	20.8	0.939
15	5/8/2024	2.61	0.809	136	591	24400	89	2.1
16	8/28/2024	1.98	0.809	116	1240	11200	109	4.86
17	11/5/2024	0.809	1.81	33.9	1380	9350	15.2	1.58
18								
19								
20								
Coefficient of Variation:		2.39	1.97	1.46	1.67	1.19	1.27	2.60
Mann-Kendall Statistic (S):		-8	-42	48	54	22	-21	-50
Confidence Factor:		61.2%	95.4%	97.4%	98.6%	80.4%	79.2%	97.9%
Concentration Trend:		No Trend	Decreasing	Increasing	Increasing	No Trend	No Trend	Decreasing



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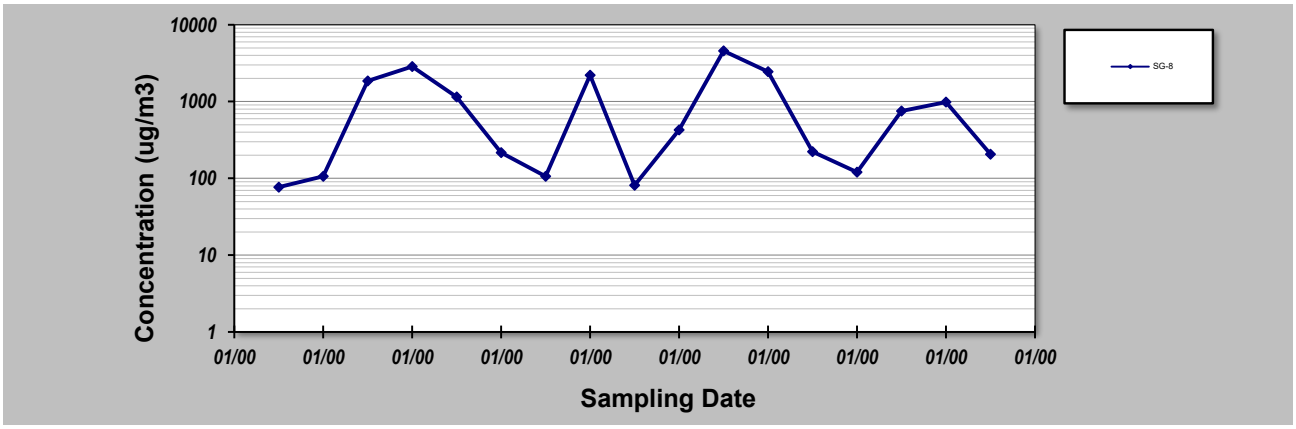
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Dec-25	Job ID:	170861201
Facility Name:	Standard Motor Products	Constituent:	*1,1-Dichloroethane (DCA)*
Conducted By:	Morgan McBride	Concentration Units:	ug/m^3

Sampling Point ID: **SG-8**

Sampling Event	Sampling Date	1,1-DICHLOROETHANE (DCA) CONCENTRATION (ug/m3)
1	11/24/2020	76.9
2	2/12/2021	106
3	5/19/2021	1850
4	8/9/2021	2870
5	11/9/2021	1150
6	2/16/2022	217
7	5/19/2022	106
8	8/10/2022	2200
9	11/28/2022	81.4
10	2/7/2023	429
11	5/17/2023	4570
12	8/22/2023	2440
13	11/14/2023	222
14	2/16/2024	120
15	5/8/2024	753
16	8/28/2024	988
17	11/5/2024	206
18		
19		
20		
Coefficient of Variation:		1.19
Mann-Kendall Statistic (S):		11
Confidence Factor:		65.7%
Concentration Trend:		No Trend



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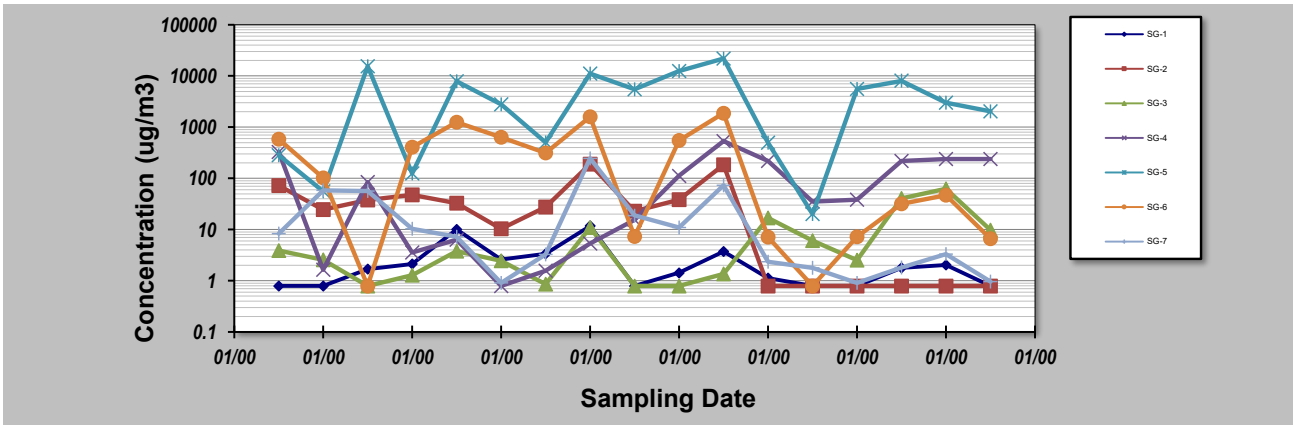
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Dec-25	Job ID:	170861201
Facility Name:	Standard Motor Products	Constituent:	*cis-1,2-Dichloroethene (DCE)*
Conducted By:	Morgan McBride	Concentration Units:	ug/m^3

Sampling Point ID:	SG-1	SG-2	SG-3	SG-4	SG-5	SG-6	SG-7
Sampling Event	Sampling Date	CIS-1,2-DICHLOROETHENE (DCE) CONCENTRATION (ug/m3)						
1	11/24/2020	0.793	71.8	3.89	327	285	579	8.29
2	2/12/2021	0.793	24.6	2.57	1.65	55.5	102	58.3
3	5/19/2021	1.69	37.7	0.793	84.1	15400	0.793	56.3
4	8/9/2021	2.13	47.6	1.29	3.57	125	404	10.4
5	11/9/2021	9.99	32.6	3.8	6.3	7890	1240	7.18
6	2/16/2022	2.6	10.3	2.45	0.793	2800	634	0.908
7	5/19/2022	3.37	27.4	0.856	1.57	504	313	3.26
8	8/10/2022	11.7	190	10.9	5.31	11200	1590	247
9	11/28/2022	0.793	22.7	0.793	15.5	5510	7.33	18.8
10	2/7/2023	1.43	38.2	0.793	112	12500	547	11
11	5/17/2023	3.7	183	1.36	535	21900	1880	73.7
12	8/22/2023	1.13	0.793	16.8	218	500	7.1	2.34
13	11/14/2023	0.793	0.793	6.07	35.2	20.1	0.793	1.78
14	2/16/2024	0.793	0.793	2.51	38.5	5590	7.22	0.912
15	5/8/2024	1.78	0.793	40.8	218	8050	31.7	1.82
16	8/28/2024	2.04	0.793	62.6	237	3000	46.8	3.34
17	11/5/2024	0.793	0.793	9.71	237	2040	6.62	0.967
18								
19								
20								
Coefficient of Variation:		1.18	1.44	1.70	1.24	1.11	1.37	2.03
Mann-Kendall Statistic (S):		-9	-63	43	54	14	-31	-48
Confidence Factor:		62.7%	99.6%	95.8%	98.6%	70.1%	89.0%	97.4%
Concentration Trend:		No Trend	Decreasing	Increasing	Increasing	No Trend	No Trend	Decreasing



Notes:

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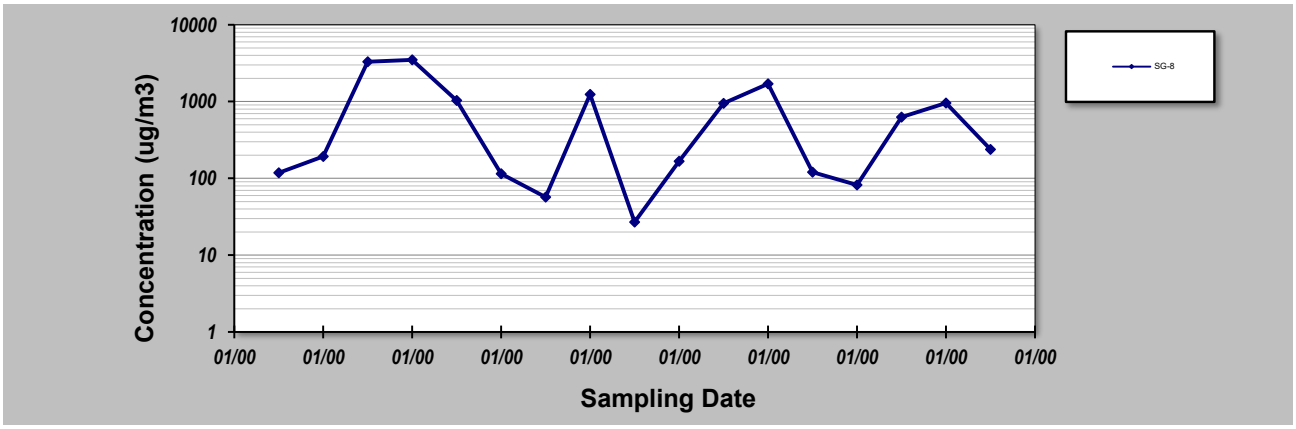
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Dec-25	Job ID:	170861201
Facility Name:	Standard Motor Products	Constituent:	*cis-1,2-Dichloroethene (DCE)*
Conducted By:	Morgan McBride	Concentration Units:	ug/m^3

Sampling Point ID: **SG-8**

Sampling Event	Sampling Date	CIS-1,2-DICHLOROETHENE (DCE) CONCENTRATION (ug/m3)
1	11/24/2020	118
2	2/12/2021	193
3	5/19/2021	3290
4	8/9/2021	3490
5	11/9/2021	1030
6	2/16/2022	115
7	5/19/2022	57.1
8	8/10/2022	1240
9	11/28/2022	27
10	2/7/2023	167
11	5/17/2023	952
12	8/22/2023	1700
13	11/14/2023	121
14	2/16/2024	81.7
15	5/8/2024	626
16	8/28/2024	959
17	11/5/2024	239
18		
19		
20		
Coefficient of Variation:		1.28
Mann-Kendall Statistic (S):		-8
Confidence Factor:		61.2%
Concentration Trend:		No Trend



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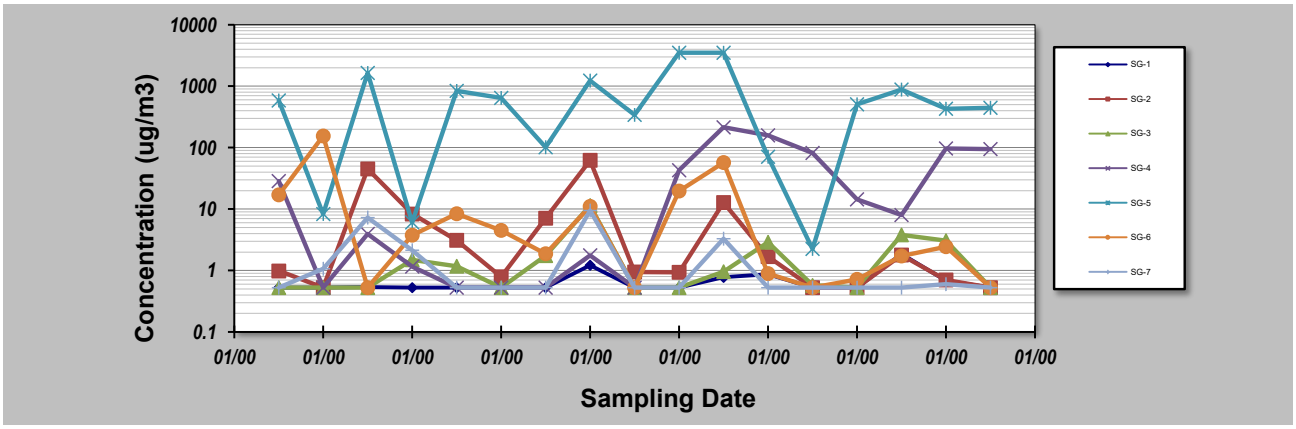
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Dec-25	Job ID:	170861201
Facility Name:	Standard Motor Products	Constituent:	*Chloroethane*
Conducted By:	Morgan McBride	Concentration Units:	ug/m^3

Sampling Point ID:	SG-1	SG-2	SG-3	SG-4	SG-5	SG-6	SG-7
Sampling Event	Sampling Date	CHLOROETHANE CONCENTRATION (ug/m3)						
1	11/24/2020	0.528	0.986	0.528	28.5	588	17	0.528
2	2/12/2021	0.528	0.528	0.528	0.528	8.29	155	1.07
3	5/19/2021	0.536	45.1	0.528	3.96	1650	0.528	7.28
4	8/9/2021	0.528	8.34	1.5	1.16	6.04	3.77	2.13
5	11/9/2021	0.528	3.09	1.18	0.528	844	8.39	0.528
6	2/16/2022	0.528	0.794	0.528	0.528	647	4.49	0.528
7	5/19/2022	0.528	7.07	1.75	0.528	102	1.88	0.528
8	8/10/2022	1.21	62	11.4	1.77	1230	11	9.45
9	11/28/2022	0.528	0.945	0.528	0.528	340	0.528	0.528
10	2/7/2023	0.528	0.932	0.528	42.7	3510	19.6	0.528
11	5/17/2023	0.776	12.7	0.961	215	3510	57	3.3
12	8/22/2023	0.871	1.69	2.88	158	71	0.889	0.528
13	11/14/2023	0.528	0.528	0.575	81.8	2.24	0.528	0.528
14	2/16/2024	0.528	0.528	0.528	14.4	509	0.715	0.528
15	5/8/2024	1.86	1.78	3.8	8.02	884	1.73	0.528
16	8/28/2024	0.683	0.697	3.06	96.8	430	2.43	0.602
17	11/5/2024	0.528	0.528	0.528	95	446	0.528	0.528
18								
19								
20								
Coefficient of Variation:		0.51	2.00	1.45	1.46	1.26	2.27	1.51
Mann-Kendall Statistic (S):		25	-38	26	50	1	-38	-21
Confidence Factor:		83.6%	93.6%	84.6%	97.9%	50.0%	93.6%	79.2%
Concentration Trend:		No Trend	Prob. Decreasing	No Trend	Increasing	No Trend	Prob. Decreasing	No Trend



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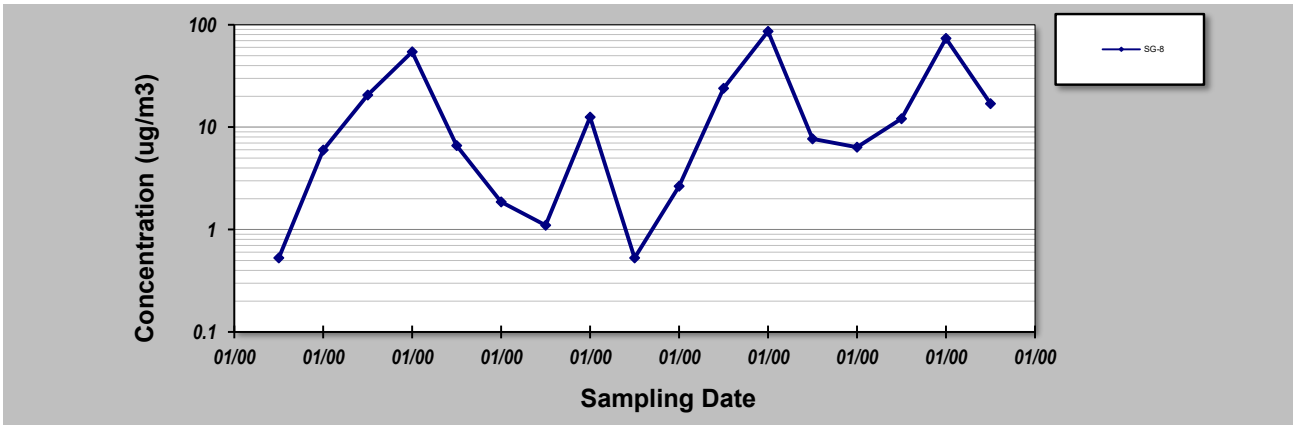
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Dec-25	Job ID:	170861201
Facility Name:	Standard Motor Products	Constituent:	*Choloroethane*
Conducted By:	Morgan McBride	Concentration Units:	ug/m^3

Sampling Point ID: **SG-8**

Sampling Event	Sampling Date	CHOLOROETHANE CONCENTRATION (ug/m3)
1	11/24/2020	0.528
2	2/12/2021	5.99
3	5/19/2021	20.6
4	8/9/2021	54.4
5	11/9/2021	6.6
6	2/16/2022	1.86
7	5/19/2022	1.1
8	8/10/2022	12.5
9	11/28/2022	0.528
10	2/7/2023	2.64
11	5/17/2023	23.9
12	8/22/2023	86.3
13	11/14/2023	7.68
14	2/16/2024	6.36
15	5/8/2024	12.1
16	8/28/2024	73.4
17	11/5/2024	17
18		
19		
20		
Coefficient of Variation:		1.34
Mann-Kendall Statistic (S):		37
Confidence Factor:		93.0%
Concentration Trend:		Prob. Increasing



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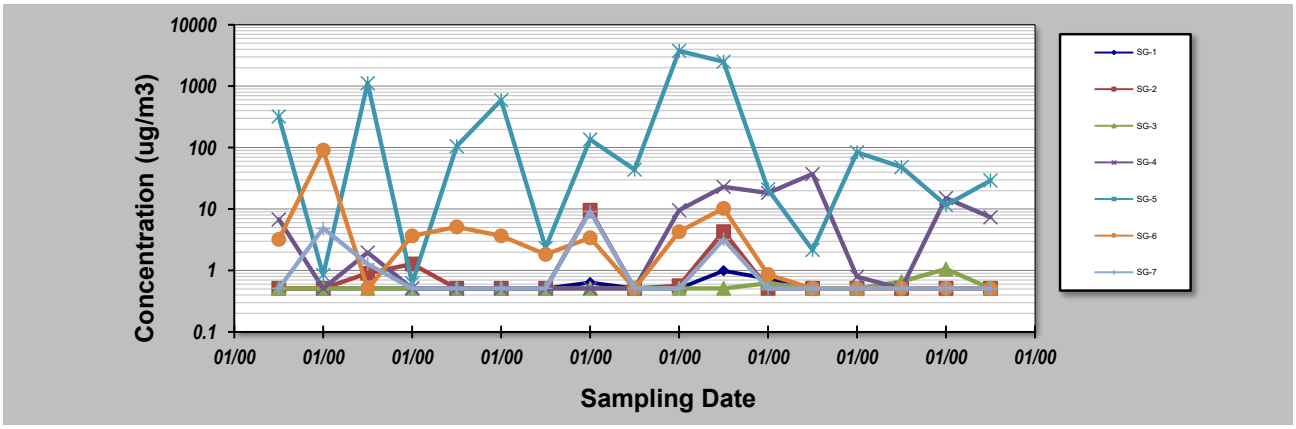
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Dec-25	Job ID:	170861201
Facility Name:	Standard Motor Products	Constituent:	*Vinyl Chloride*
Conducted By:	Morgan McBride	Concentration Units:	ug/m^3

Sampling Point ID:	SG-1	SG-2	SG-3	SG-4	SG-5	SG-6	SG-7
Sampling Event	Sampling Date	VINYL CHLORIDE CONCENTRATION (ug/m3)						
1	11/24/2020	0.511	0.511	0.511	6.8	320	3.2	0.511
2	2/12/2021	0.511	0.511	0.511	0.511	0.851	91.5	4.86
3	5/19/2021	0.511	0.9	0.511	1.97	1120	0.511	1.28
4	8/9/2021	0.511	1.28	0.511	0.511	0.624	3.66	0.511
5	11/9/2021	0.511	0.511	0.511	0.511	105	5.11	0.511
6	2/16/2022	0.511	0.511	0.511	0.511	593	3.66	0.511
7	5/19/2022	0.511	0.511	0.511	0.511	2.34	1.83	0.511
8	8/10/2022	0.639	9.53	0.511	0.511	136	3.43	9.15
9	11/28/2022	0.511	0.511	0.511	0.511	43.7	0.511	0.511
10	2/7/2023	0.511	0.565	0.511	9.56	3760	4.27	0.511
11	5/17/2023	0.989	4.27	0.511	23	2510	10.3	3.2
12	8/22/2023	0.731	0.511	0.624	18.2	20.8	0.861	0.511
13	11/14/2023	0.511	0.511	0.511	37.3	2.17	0.511	0.511
14	2/16/2024	0.511	0.511	0.511	0.792	83.6	0.511	0.511
15	5/8/2024	0.511	0.511	0.66	0.511	48.6	0.511	0.511
16	8/28/2024	0.511	0.511	1.06	15.1	11.6	0.511	0.511
17	11/5/2024	0.511	0.511	0.511	7.36	29.1	0.511	0.511
18								
19								
20								
Coefficient of Variation:		0.22	1.72	0.24	1.44	2.03	2.81	1.56
Mann-Kendall Statistic (S):		9	-16	35	36	-12	-54	-24
Confidence Factor:		62.7%	72.9%	91.8%	92.4%	67.2%	98.6%	82.6%
Concentration Trend:		No Trend	No Trend	Prob. Increasing	Prob. Increasing	No Trend	Decreasing	No Trend



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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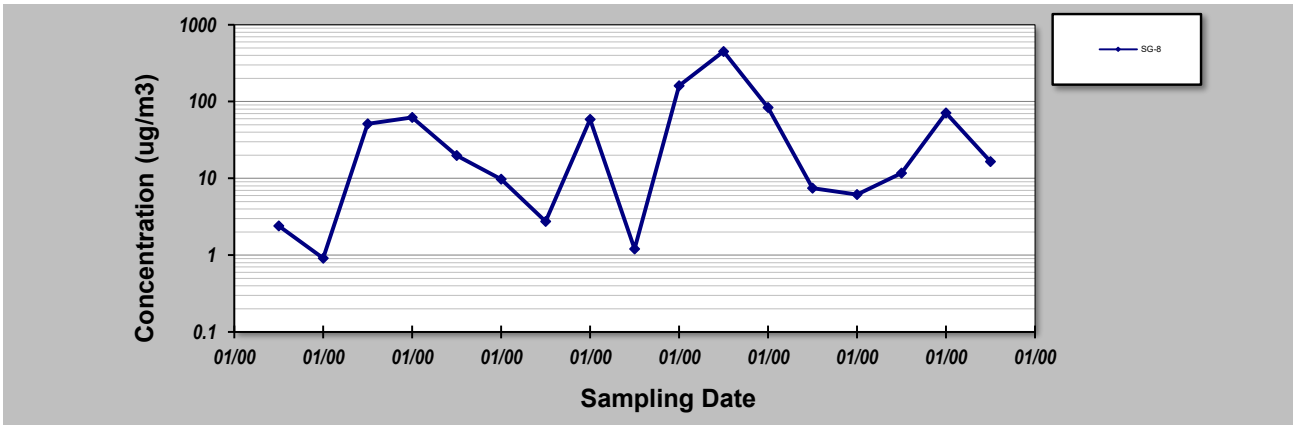
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Dec-25	Job ID:	170861201
Facility Name:	Standard Motor Products	Constituent:	*Vinyl chloride*
Conducted By:	Morgan McBride	Concentration Units:	ug/m^3

Sampling Point ID: **SG-8**

Sampling Event	Sampling Date	VINYL CHLORIDE CONCENTRATION (ug/m3)
1	11/24/2020	2.41
2	2/12/2021	0.913
3	5/19/2021	51.4
4	8/9/2021	62.4
5	11/9/2021	19.9
6	2/16/2022	9.74
7	5/19/2022	2.76
8	8/10/2022	58.8
9	11/28/2022	1.2
10	2/7/2023	161
11	5/17/2023	450
12	8/22/2023	83.6
13	11/14/2023	7.44
14	2/16/2024	6.16
15	5/8/2024	11.7
16	8/28/2024	71.1
17	11/5/2024	16.5
18		
19		
20		
Coefficient of Variation:		1.82
Mann-Kendall Statistic (S):		26
Confidence Factor:		84.6%
Concentration Trend:		No Trend



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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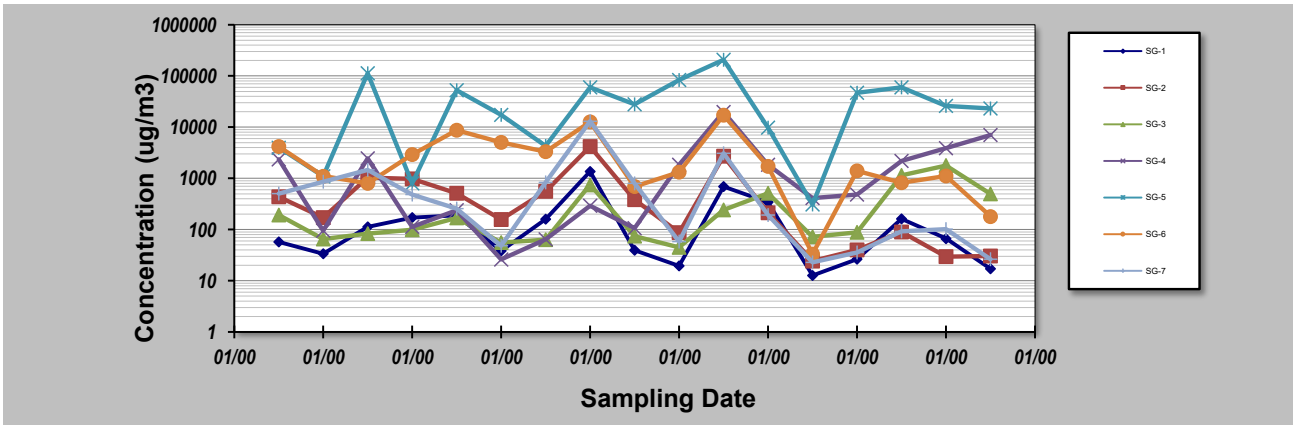
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Dec-25	Job ID:	170861201
Facility Name:	Standard Motor Products	Constituent:	*Total VOCs*
Conducted By:	Morgan McBride	Concentration Units:	ug/m^3

Sampling Point ID:	SG-1	SG-2	SG-3	SG-4	SG-5	SG-6	SG-7
Sampling Event	Sampling Date	TOTAL VOCS CONCENTRATION (ug/m3)						
1	11/24/2020	57.38	437.7	191.42	2356.8	3975.8	4199.3	506.94
2	2/12/2021	33.89	170.74	65.63	94.97	1097.4	1104.4	864.05
3	5/19/2021	112.74	1040.9	82.82	2447.6	112376	797.25	1465.4
4	8/9/2021	170.45	979.39	98.75	113.42	796.68	2917.4	480.51
5	11/9/2021	189.12	513.98	168.89	239.6	52862	8665.2	255.64
6	2/16/2022	38.17	156.6	55.9	26.1	17464.1	5052.4	48.4
7	5/19/2022	159.3	554.8	63.6	64.2	4303.7	3306.4	831.8
8	8/10/2022	1364.1	4177.1	748.7	291.5	59663	12723.2	13110.9
9	11/28/2022	39.2	383.2	74.1	106.4	27994.3	692.1	794.7
10	2/7/2023	19.6	87	44.89	1849.7	83311	1315.87	58.11
11	5/17/2023	690.67	2728.07	240.26	19815.3	207105	17069.1	3072.52
12	8/22/2023	343.08	213.43	510.85	1839.8	9706.5	1712.17	193.14
13	11/14/2023	12.68	24.28	71.92	413.88	307	33.37	22.92
14	2/16/2024	26.44	39.807	87.927	481.852	46712	1397.955	35.551
15	5/8/2024	161.175	89.08	1148.05	2187.215	60353.5	823.442	92.184
16	8/28/2024	66.679	29.754	1778.218	3863.73	26110.1	1116.962	101.848
17	11/5/2024	17.15	30.592	494.187	7043.16	23225.1	180.092	26.377
18								
19								
20								
Coefficient of Variation:		1.66	1.63	1.37	1.89	1.22	1.29	2.43
Mann-Kendall Statistic (S):		-16	-60	40	50	18	-34	-54
Confidence Factor:		72.9%	99.3%	94.6%	97.9%	75.5%	91.2%	98.6%
Concentration Trend:		No Trend	Decreasing	Prob. Increasing	Increasing	No Trend	Prob. Decreasing	Decreasing



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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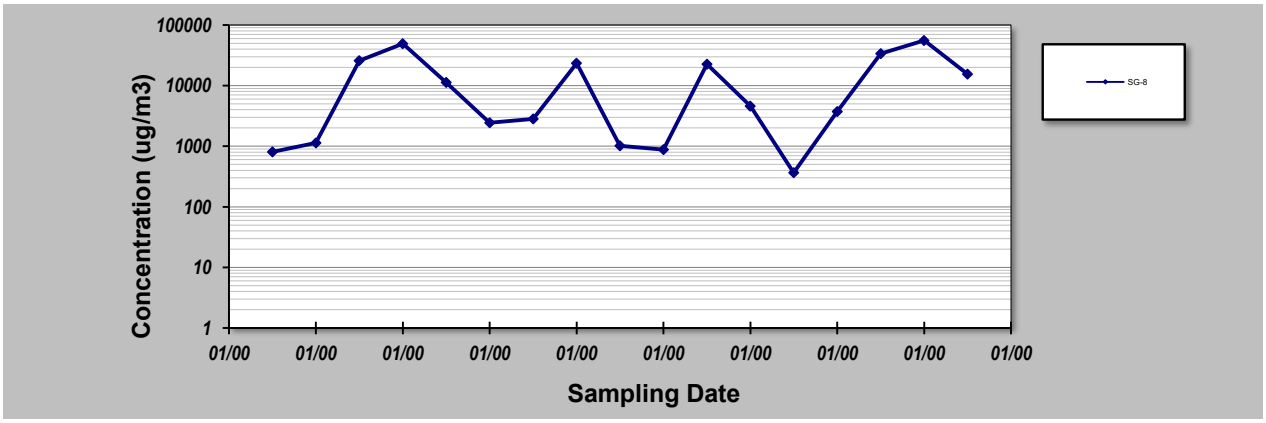
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Dec-25	Job ID:	170861201
Facility Name:	Standard Motor Products	Constituent:	*Total VOCs*
Conducted By:	Morgan McBride	Concentration Units:	ug/m^3

Sampling Point ID: **SG-8**

Sampling Event	Sampling Date	TOTAL VOCS CONCENTRATION (ug/m3)
1	11/24/2020	807.07
2	2/12/2021	1131
3	5/19/2021	25722
4	8/9/2021	49178
5	11/9/2021	11312
6	2/16/2022	2444.2
7	5/19/2022	2821.4
8	8/10/2022	23491.2
9	11/28/2022	1010.2
10	2/7/2023	876.14
11	5/17/2023	22564.8
12	8/22/2023	4585
13	11/14/2023	364.6
14	2/16/2024	3737.5
15	5/8/2024	33796.5
16	8/28/2024	55673
17	11/5/2024	15525
18		
19		
20		
Coefficient of Variation:		1.18
Mann-Kendall Statistic (S):		20
Confidence Factor:		78.0%
Concentration Trend:		No Trend



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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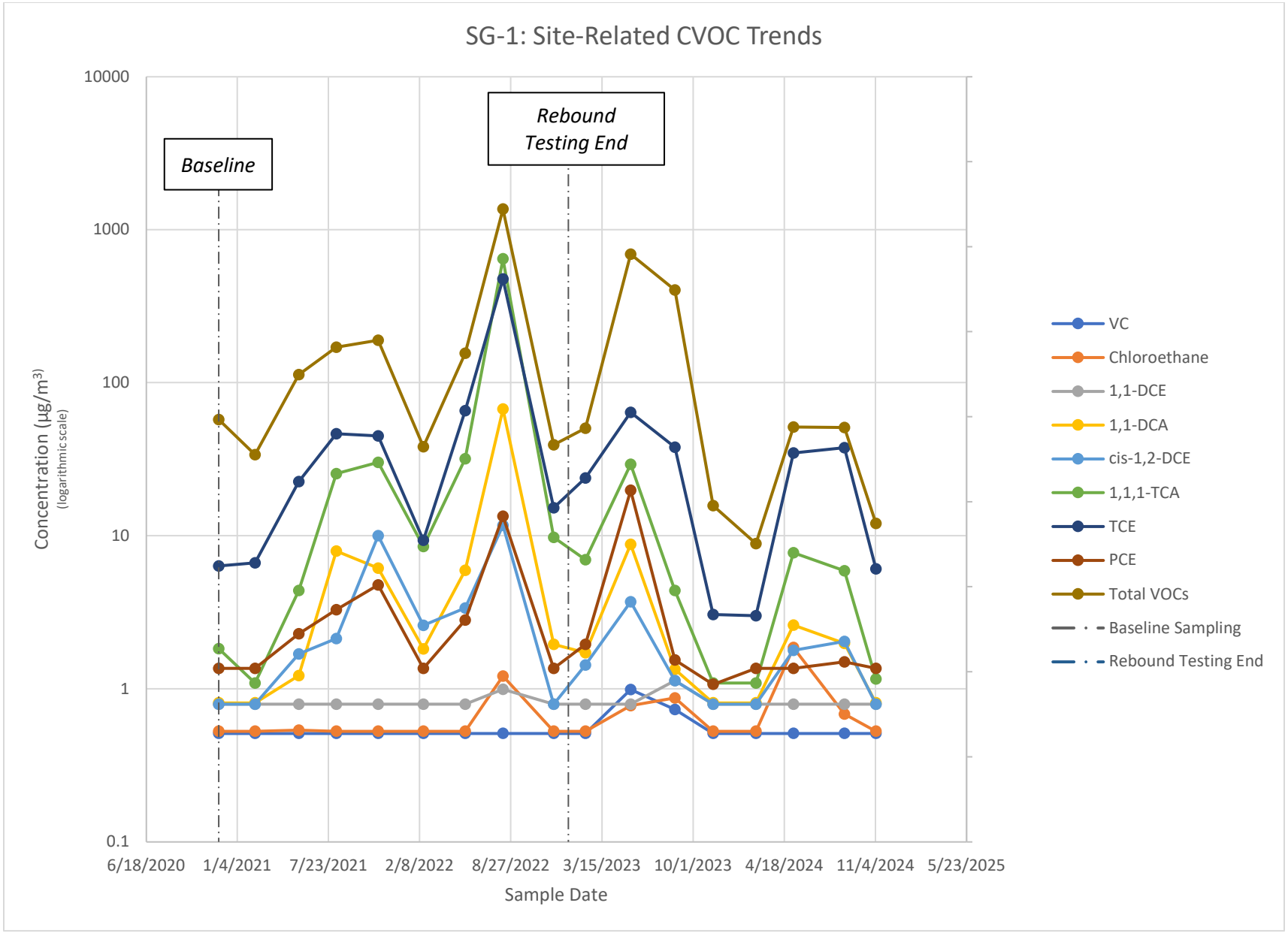
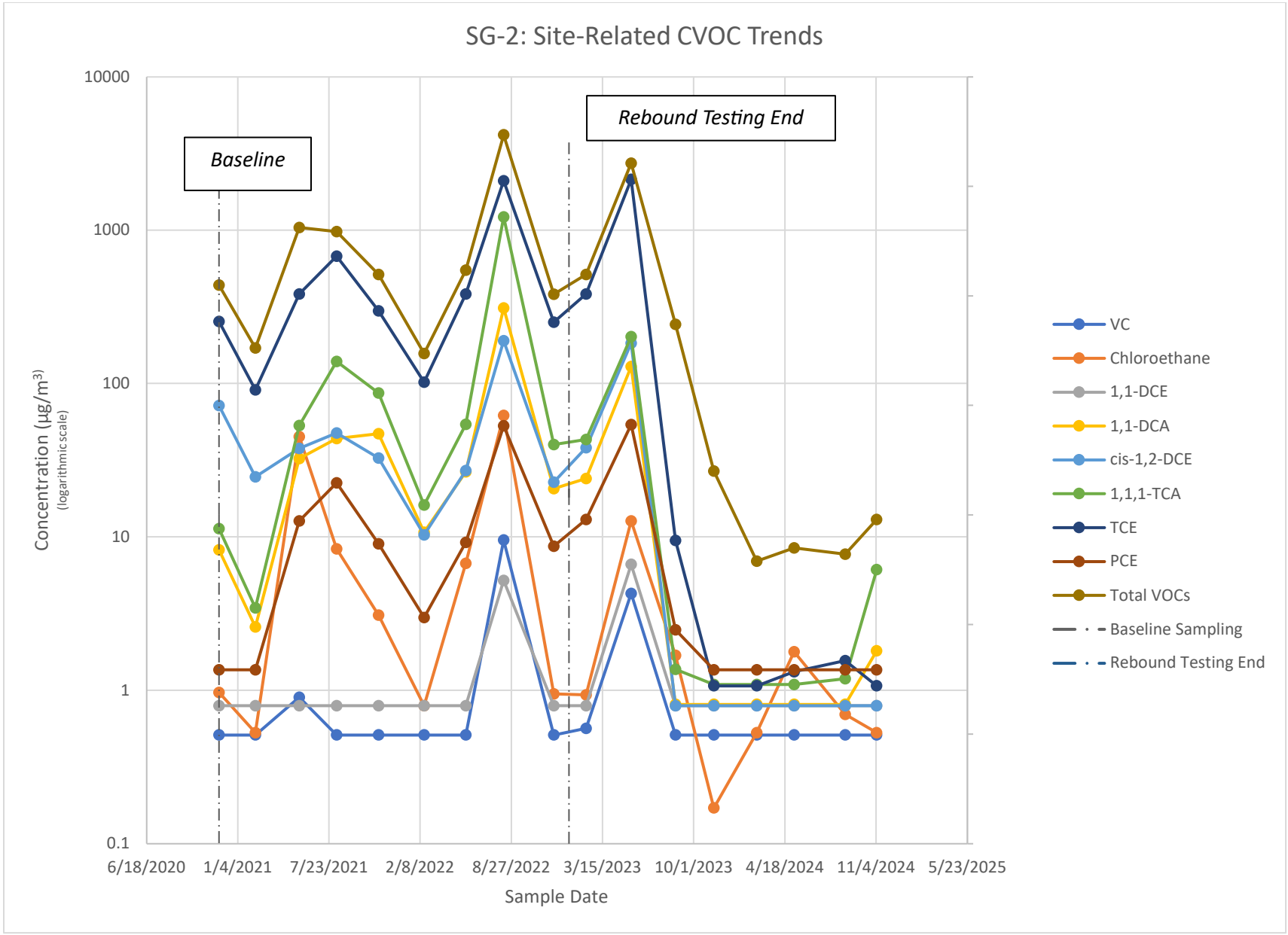
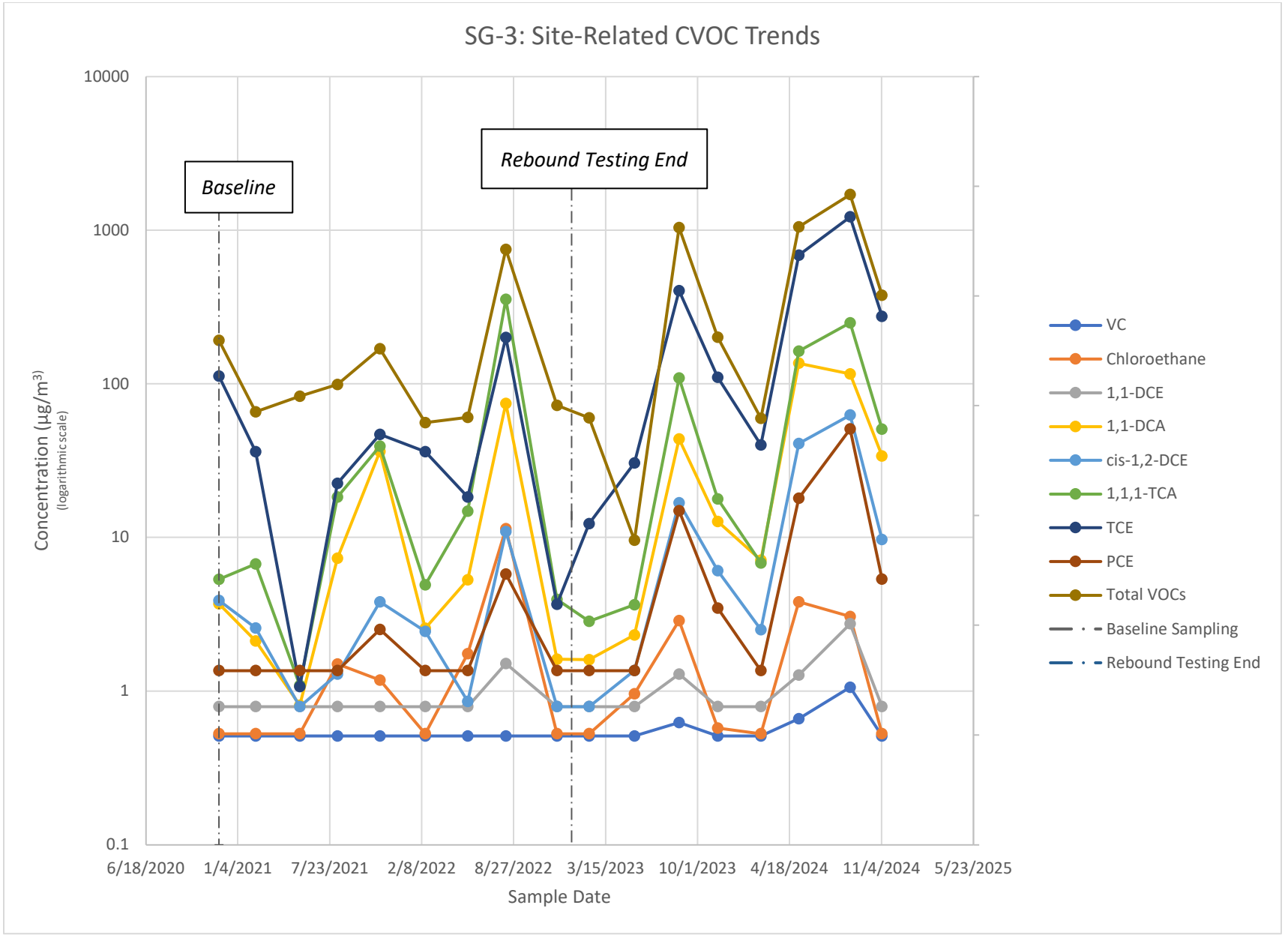
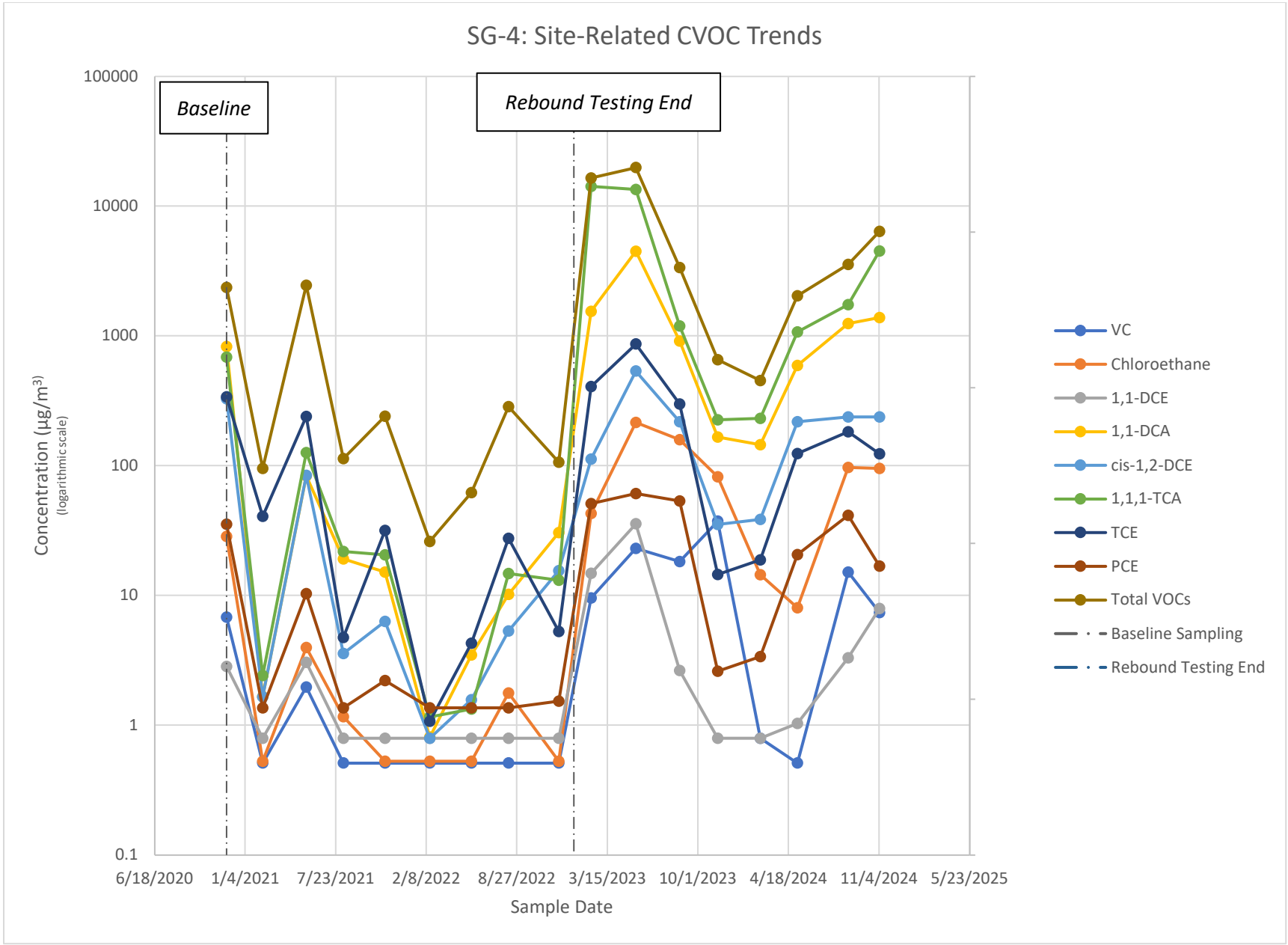
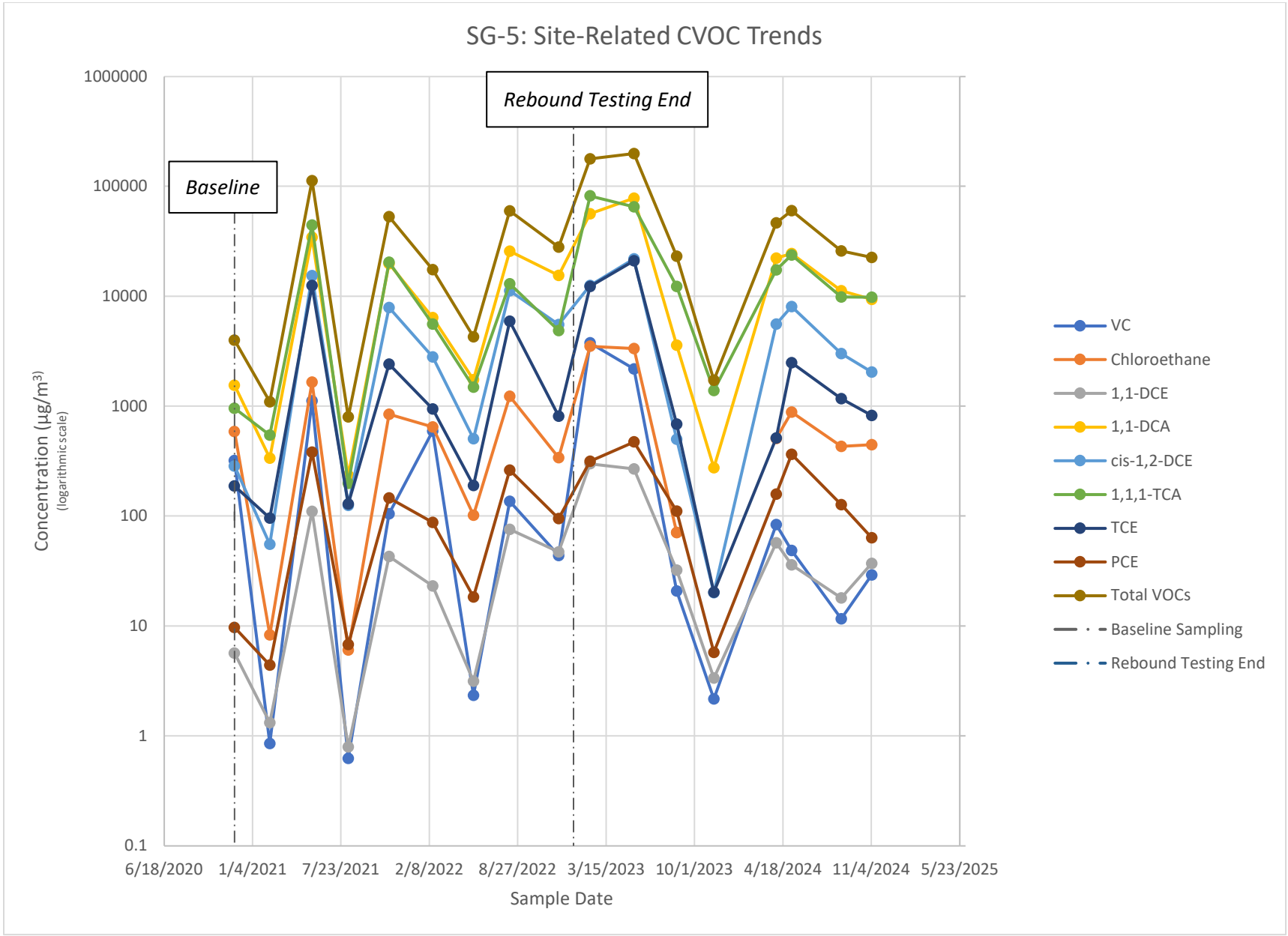
APPENDIX F SOIL VAPOR AND GROUNDWATER TREND GRAPHS

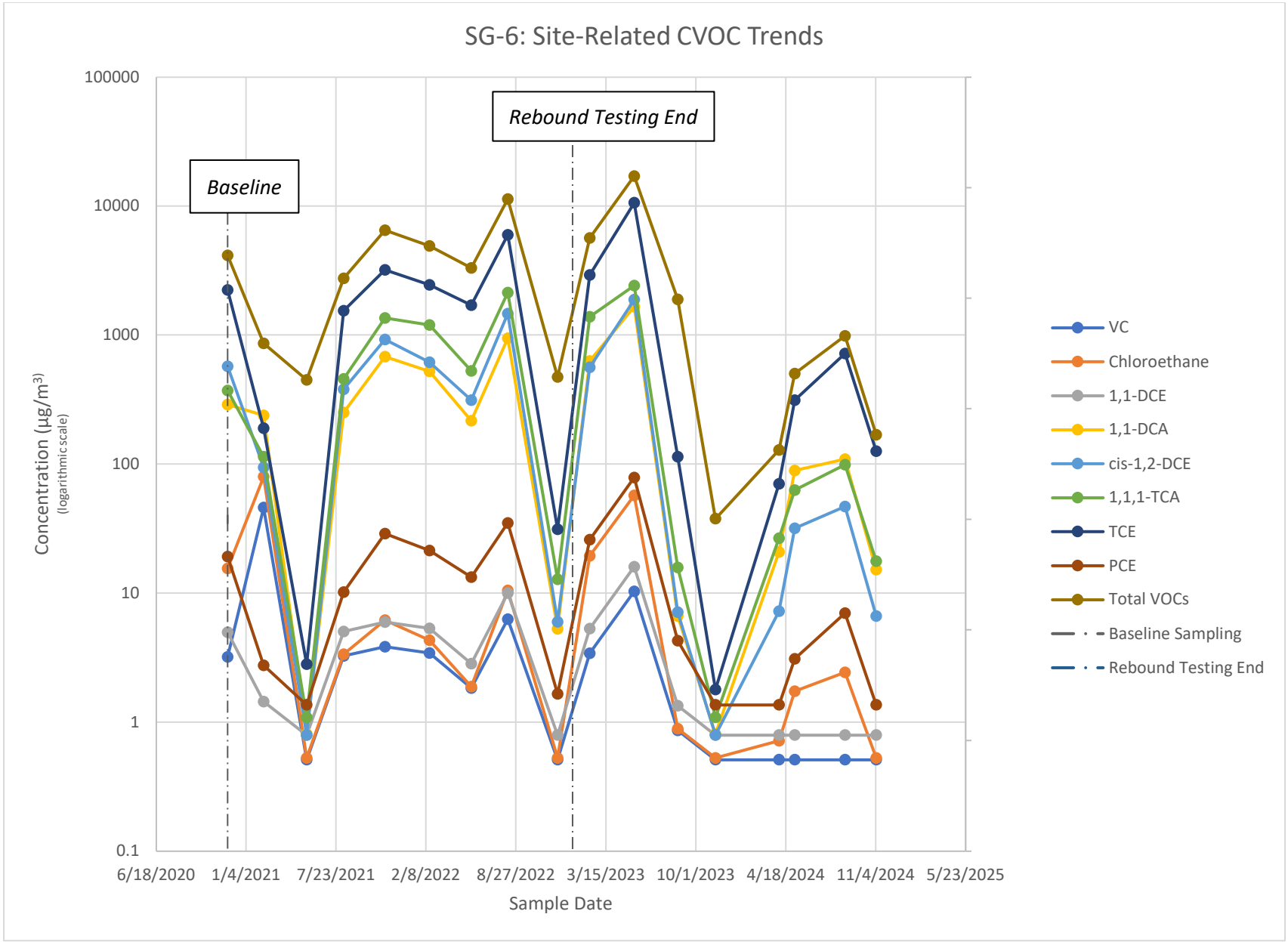

SG-1: Site-Related CVOC Trends
Baseline
Rebound Testing End
Concentration (µg/m³)
(logarithmic scale)
10000
1000
100
10
1
0.1
6/18/2020
1/4/2021
7/23/2021
2/8/2022
8/27/2022
3/15/2023
10/1/2023
4/18/2024
11/4/2024
5/23/2025
Sample Date
VC
Chloroethane
1,1-DCE
1,1-DCA
cis-1,2-DCE
1,1,1-TCA
TCE
PCE
Total VOCs
Baseline Sampling
Rebound Testing End

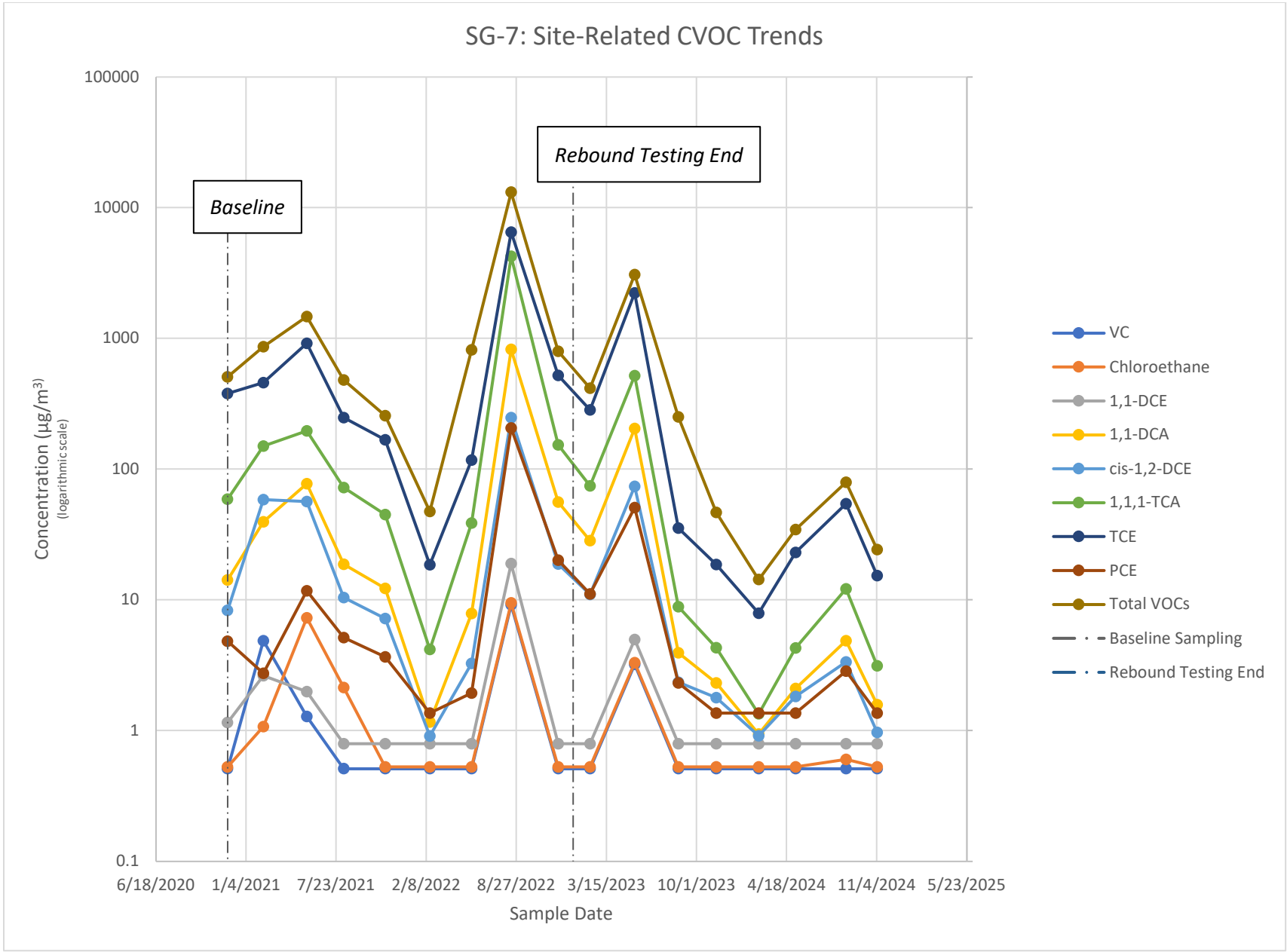

SG-2: Site-Related CVOC Trends
Baseline
Rebound Testing End
Concentration (µg/m³)
(logarithmic scale)
10000
1000
100
10
1
0.1
6/18/2020
1/4/2021
7/23/2021
2/8/2022
8/27/2022
3/15/2023
10/1/2023
4/18/2024
11/4/2024
5/23/2025
Sample Date
VC
Chloroethane
1,1-DCE
1,1-DCA
cis-1,2-DCE
1,1,1-TCA
TCE
PCE
Total VOCs
Baseline Sampling
Rebound Testing End

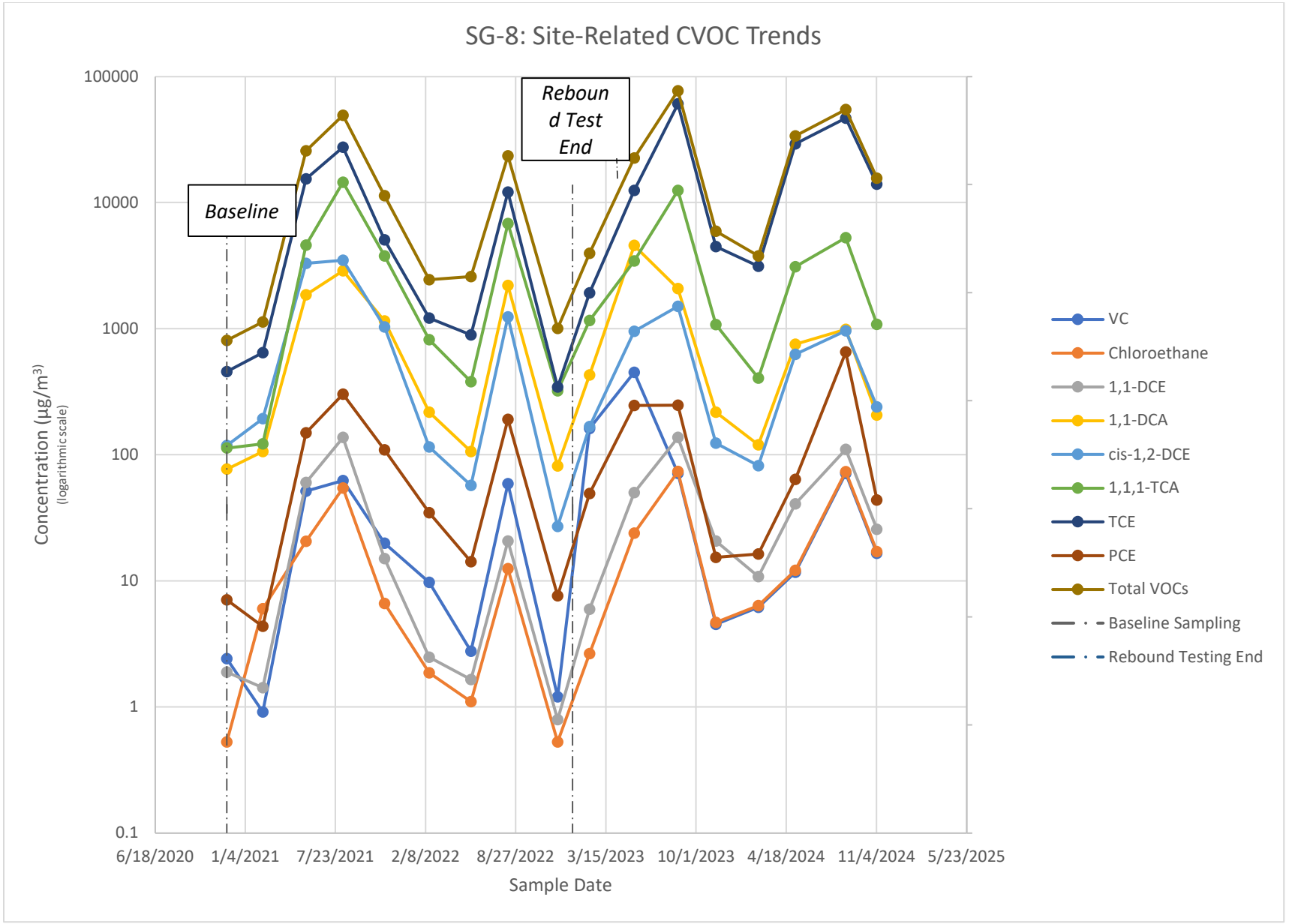

SG-3: Site-Related CVOC Trends
Baseline
Rebound Testing End
10000
1000
100
10
1
0.1
Concentration (µg/m³)
(logarithmic scale)
6/18/2020
1/4/2021
7/23/2021
2/8/2022
8/27/2022
3/15/2023
10/1/2023
4/18/2024
11/4/2024
5/23/2025
Sample Date
VC
Chloroethane
1,1-DCE
1,1-DCA
cis-1,2-DCE
1,1,1-TCA
TCE
PCE
Total VOCs
Baseline Sampling
Rebound Testing End


SG-4: Site-Related CVOC Trends
Baseline
Rebound Testing End
100000
10000
1000
100
10
1
0.1
Concentration (µg/m³)
(logarithmic scale)
6/18/2020
1/4/2021
7/23/2021
2/8/2022
8/27/2022
3/15/2023
10/1/2023
4/18/2024
11/4/2024
5/23/2025
Sample Date
VC
Chloroethane
1,1-DCE
1,1-DCA
cis-1,2-DCE
1,1,1-TCA
TCE
PCE
Total VOCs
Baseline Sampling
Rebound Testing End


SG-5: Site-Related CVOC Trends
Rebound Testing End
Baseline
1000000
100000
10000
1000
100
10
1
0.1
Concentration (µg/m³)
(logarithmic scale)
6/18/2020
1/4/2021
7/23/2021
2/8/2022
8/27/2022
3/15/2023
10/1/2023
4/18/2024
11/4/2024
5/23/2025
Sample Date
VC
Chloroethane
1,1-DCE
1,1-DCA
cis-1,2-DCE
1,1,1-TCA
TCE
PCE
Total VOCs
Baseline Sampling
Rebound Testing End


SG-6: Site-Related CVOC Trends
Baseline
Rebound Testing End
100000
10000
1000
100
10
1
0.1
Concentration (µg/m³)
(logarithmic scale)
6/18/2020
1/4/2021
7/23/2021
2/8/2022
8/27/2022
3/15/2023
10/1/2023
4/18/2024
11/4/2024
5/23/2025
Sample Date
VC
Chloroethane
1,1-DCE
1,1-DCA
cis-1,2-DCE
1,1,1-TCA
TCE
PCE
Total VOCs
Baseline Sampling
Rebound Testing End


SG-7: Site-Related CVOC Trends
Baseline
Rebound Testing End
Concentration (µg/m³)
(logarithmic scale)
100000
10000
1000
100
10
1
0.1
6/18/2020
1/4/2021
7/23/2021
2/8/2022
8/27/2022
3/15/2023
10/1/2023
4/18/2024
11/4/2024
5/23/2025
Sample Date
VC
Chloroethane
1,1-DCE
1,1-DCA
cis-1,2-DCE
1,1,1-TCA
TCE
PCE
Total VOCs
Baseline Sampling
Rebound Testing End

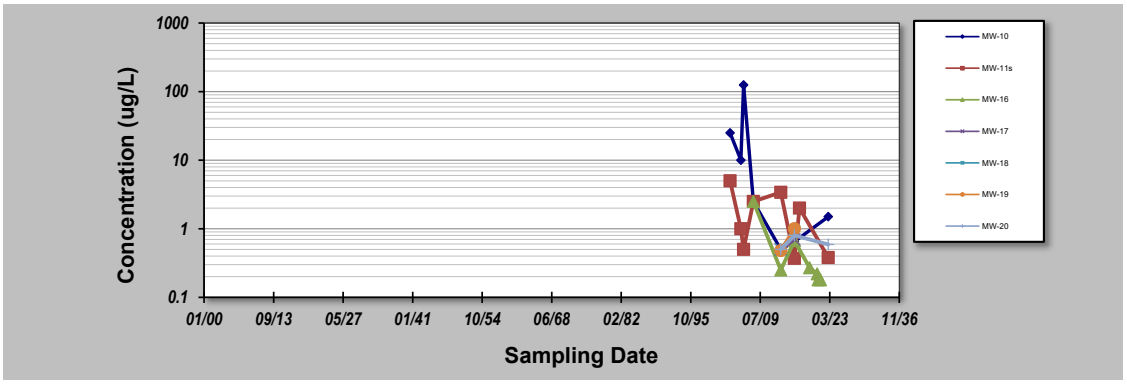

SG-8: Site-Related CVOC Trends
Concentration (µg/m³)
(logarithmic scale)
100000
10000
1000
100
10
1
0.1
Baseline
Rebound Test End
6/18/2020
1/4/2021
7/23/2021
2/8/2022
8/27/2022
3/15/2023
10/1/2023
4/18/2024
11/4/2024
5/23/2025
Sample Date
VC
Chloroethane
1,1-DCE
1,1-DCA
cis-1,2-DCE
1,1,1-TCA
TCE
PCE
Total VOCs
Baseline Sampling
Rebound Testing End

APPENDIX G MANN-KENDALL ANALYSIS OF GROUNDWATER SAMPLES

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	2-Jun-25	Job ID:	170861201
Facility Name:	Standard Motor Products	Constituent:	*Tetrachloroethene (PCE)*
Conducted By:	Morgan McBride	Concentration Units:	ug/L

Sampling Point ID:	MW-10	MW-11s	MW-16	MW-17	MW-18	MW-19	MW-20
Sampling Event	Sampling Date	TETRACHLOROETHENE (PCE) CONCENTRATION (ug/L)						
1	7/28/2003	25	5					
2	9/12/2005	10	1					
3	3/29/2006	125	0.5					
4	2/26/2008	2.5	2.5	2.5				
5	7/24/2013	0.5	3.4	0.25	0.5	0.5	0.48	0.5
6	3/26/2014	0	0	0	0	0	0	0
7	3/30/2015	0	0	0	0	0	0	0
8	3/29/2016	0.65	0.37	0.67	0.7	0.9	1	0.8
9	3/30/2017	0	2	0	0	0	0	0
10	9/27/2017	0	0	0	0	0	0	0
11	4/2/2018	0	0	0	0	0	0	0
12	9/20/2018	0	0	0	0	0	0	0
13	3/29/2019	0	0	0.27	0	0	0	0
14	9/26/2019	0	0	0	0	0	0	0
15	4/10/2020	0	0	0	0	0	0	0
16	9/23/2020	0	0	0.22	0	0	0	0
17	11/24/2020	0	0	0.18	0	0	0	0
18	2/11/2021	0	0	0	0	0	0	0
19	5/18/2021	0	0	0.18	0	0	0	0
20	8/10/2021	0	0	0	0	0	0	0
21	11/9/2021	0	0	0	0	0	0	0
22	2/16/2022	0	0	0	0	0	0	0
23	5/19/2022	0	0	0	0	0	0	0
24	8/10/2022	0	0	0	0	0	0	0
25	11/28/2022	1.5	0.38	0	0	0	0	0.59
26	2/6/2023	0	0	0	0	0	0	0
27	5/16/2023	0	0	0	0	0	0	0
28	8/22/2023	0	0	0	0	0	0	0
29	11/13/2023	0	0	0	0	0	0	0
30	2/15/2024	0	0	0	0	0	0	0
31	5/7/2024	0	0	0	0		0	0
32	8/27/2024	0	0	0	0	0	0	0
33	11/4/2024	0	0	0	0	0	0	0
34								
35								
Coefficient of Variation:		4.40	2.48	3.28	3.79	3.83	3.98	3.06
Mann-Kendall Statistic (S):		-153	-168	-111	-49	-47	-49	-37
Confidence Factor:		99.2%	99.6%	97.5%	81.4%	81.7%	81.4%	74.9%
Concentration Trend:		Decreasing	Decreasing	Decreasing	No Trend	No Trend	No Trend	No Trend



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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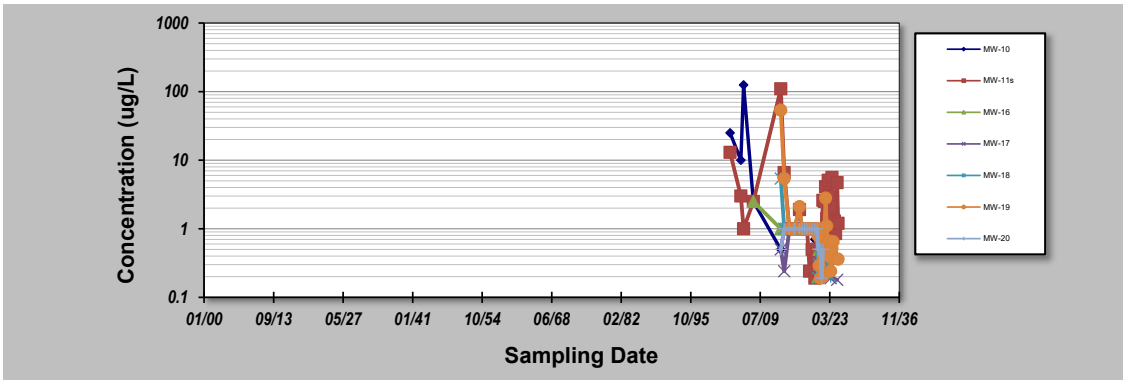
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 2-Jun-25
Facility Name: Standard Motor Products
Conducted By: Morgan McBride

Job ID: 170861201
Constituent: *Trichloroethene (TCE)*
Concentration Units: ug/L

Sampling Point ID:	MW-10	MW-11s	MW-16	MW-17	MW-18	MW-19	MW-20
Sampling Event	Sampling Date	TRICHLOROETHENE (TCE) CONCENTRATION (ug/L)						
1	7/28/2003	25	13					
2	9/12/2005	10	3					
3	3/29/2006	125	1					
4	2/26/2008	2.5	2.5	2.5				
5	7/24/2013	0.5	110	1	0.5	5.4	53.6	0.5
6	3/26/2014	1	6.6	1	0.24	1	5.4	1
7	3/30/2015	1	1	1	1	1	1	1
8	3/29/2016	1	1	1	1	1	1	1
9	3/30/2017	1	1.9	1	1	1	2.1	1
10	9/27/2017	1	1	1	1	1	1	1
11	4/2/2018	1	1	1	1	1	1	1
12	9/20/2018	1	1	1	1	1	1	1
13	3/29/2019	1	0.24	1	1	1	1	1
14	9/26/2019	1	0.5	1	1	1	1	1
15	4/10/2020	0.7	0.19	1	1	1	1	1
16	9/23/2020	0.5	0.5	1	1	1	1	1
17	11/24/2020	0.5	0.36	0.2	0.28	0.19	0.79	0.5
18	2/11/2021	0.5	0.23	0.5	0.31	0.3	0.29	0.5
19	5/18/2021	0.5	0.64	0.5	0.46	0.6	0.19	0.5
20	8/10/2021	0.5	0.96	0.5	0.58	0.48	1	0.19
21	11/9/2021	0.5	2.6	0.5	0.42	0.4	0.2	0.5
22	2/16/2022	0	2.5	0	0.3	0.37	0	0
23	5/19/2022	0	4.1	0	0.35	0.5	2.8	0
24	8/10/2022	0	1.4	0	0	0.39	1.1	0
25	11/28/2022	0	5.1	0	0	0.33	0.4	0
26	2/6/2023	0	3	0	0.2	0.26	0.66	0
27	5/16/2023	0	2.1	0	0.19	0.2	0.24	0
28	8/22/2023	0	5.6	0	0	0	0.52	0
29	11/13/2023	0	1.2	0	0	0	0.65	0
30	2/15/2024	0	1.3	0	0	0	0	0
31	5/7/2024	0	0.85	0	0		0	0
32	8/27/2024	0	4.7	0	0.18	0	0	0
33	11/4/2024	0	1.2	0	0	0	0.36	0
34								
35								
Coefficient of Variation:		4.12	3.43	1.05	0.85	1.37	3.60	0.97
Mann-Kendall Statistic (S):		-381	-7	-289	-240	-271	-215	-251
Confidence Factor:		>99.9%	53.7%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%
Concentration Trend:		Decreasing	No Trend	Decreasing	Decreasing	Decreasing	Decreasing	Decreasing



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
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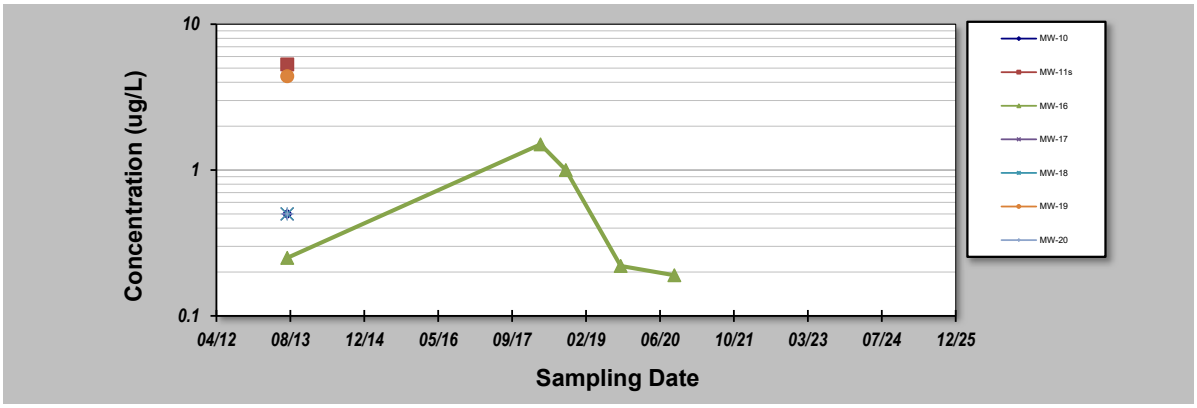
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	2-Jun-25	Job ID:	170861201
Facility Name:	Standard Motor Products	Constituent:	*1,1-Dichloroethene (DCE)*
Conducted By:	Morgan McBride	Concentration Units:	ug/L

Sampling Point ID:	MW-10	MW-11s	MW-16	MW-17	MW-18	MW-19	MW-20
Sampling Event	Sampling Date	1,1-DICHLOROETHENE (DCE) CONCENTRATION (ug/L)						
1	7/24/2013	0.5	5.3	0.25	0.5	0.5	4.4	0.5
2	3/26/2014	0	0	0	0	0	0	0
3	3/30/2015	0	0	0	0	0	0	0
4	3/29/2016	0	0	0	0	0	0	0
5	3/30/2017	0	0	0	0	0	0	0
6	9/27/2017	0	0	0	0	0	0	0
7	4/2/2018	0	0	1.5	0	0	0	0
8	9/20/2018	0	0	1	0	0	0	0
9	3/29/2019	0	0	0	0	0	0	0
10	9/26/2019	0	0	0.22	0	0	0	0
11	4/10/2020	0	0	0	0	0	0	0
12	9/23/2020	0	0	0.19	0	0	0	0
13	11/24/2020	0	0	0	0	0	0	0
14	2/11/2021	0	0	0	0	0	0	0
15	5/18/2021	0	0	0	0	0	0	0
16	8/10/2021	0	0	0	0	0	0	0
17	11/9/2021	0	0	0	0	0	0	0
18	2/16/2022	0	0	0	0	0	0	0
19	5/19/2022	0	0	0	0	0	0	0
20	8/10/2022	0	0	0	0	0	0	0
21	11/28/2022	0	0	0	0	0	0	0
22	2/6/2023	0	0	0	0	0	0	0
23	2/6/2023	0	0	0	0	0	0	0
24	8/22/2023	0	0	0	0	0	0	0
25	11/13/2023	0	0	0	0	0	0	0
26	2/15/2024	0	0	0	0	0	0	0
27	5/7/2024	0	0	0	0		0	0
28	8/27/2024	0	0	0	0	0	0	0
29	11/4/2024	0	0	0	0	0	0	0
30								
Coefficient of Variation:		5.39	5.39	3.03	5.39	5.29	5.39	5.39
Mann-Kendall Statistic (S):		-28	-28	-80	-28	-27	-28	-28
Confidence Factor:		69.2%	69.2%	93.0%	69.2%	69.5%	69.2%	69.2%
Concentration Trend:		No Trend	No Trend	Prob. Decreasing	No Trend	No Trend	No Trend	No Trend



Notes:

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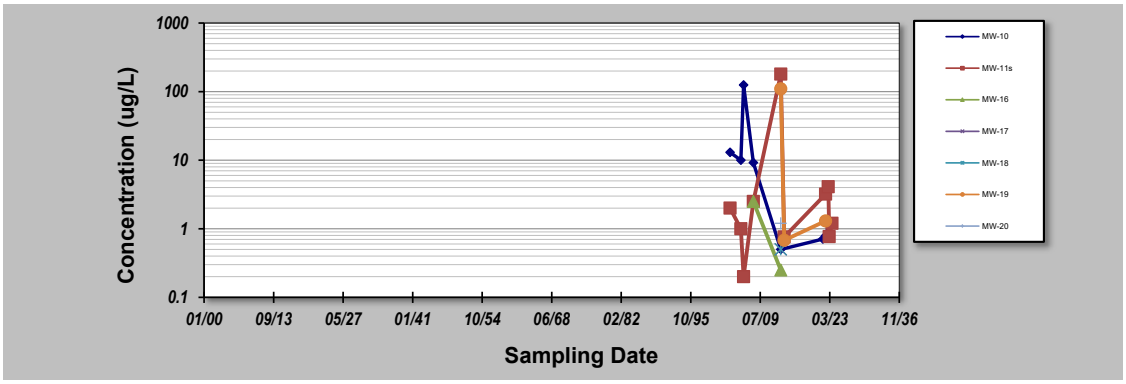
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	2-Jun-25	Job ID:	170861201
Facility Name:	Standard Motor Products	Constituent:	*1,1,1- Trichloroethane (TCA)*
Conducted By:	Morgan McBride	Concentration Units:	ug/L

Sampling Point ID:		MW-10	MW-11s	MW-16	MW-17	MW-18	MW-19	MW-20
Sampling Event	Sampling Date	1,1,1- TRICHLOROETHANE (TCA) CONCENTRATION (ug/L)						
1	7/28/2003	13	2					
2	9/12/2005	10	1					
3	3/29/2006	125	0.2					
4	2/26/2008	9.2	2.5	2.5				
5	7/24/2013	0.5	180	0.25	0.5	0.5	110	1.2
6	3/26/2014	0	0.76	0	0	0	0.68	0
7	3/30/2015	0	0	0	0	0	0	0
8	3/29/2016	0	0	0	0	0	0	0
9	3/30/2017	0	0	0	0	0	0	0
10	9/27/2017	0	0	0	0	0	0	0
11	4/2/2018	0	0	0	0	0	0	0
12	9/20/2018	0	0	0	0	0	0	0
13	3/29/2019	0	0	0	0	0	0	0
14	9/26/2019	0	0	0	0	0	0	0
15	4/10/2020	0	0	0	0	0	0	0
16	9/23/2020	0	0	0	0	0	0	0
17	5/18/2021	0	0	0	0	0	0	0
18	8/10/2021	0	0	0	0	0	0	0
19	11/9/2021	0.71	0	0	0	0	0	0
20	2/16/2022	0	0	0	0	0	0	0
21	5/19/2022	0.79	3.2	0	0	0	1.3	0
22	8/10/2022	0	0	0	0	0	0	0
23	11/28/2022	0	4.1	0	0	0	0	0
24	2/6/2023	1.2	0.77	0	0	0	0	0
25	5/16/2023	0	0	0	0	0	0	0
26	8/22/2023	0	1.2	0	0	0	0	0
27	11/13/2023	0	0	0	0	0	0	0
28	2/15/2024	0	0	0	0	0	0	0
29	5/7/2024	0	0	0	0		0	0
30	8/27/2024	0	0	0	0	0	0	0
31	11/4/2024	0	0	0	0	0	0	0
32								
33								
34								
35								
Coefficient of Variation:		4.34	5.11	4.82	5.20	5.10	5.10	5.20
Mann-Kendall Statistic (S):		-110	-85	-53	-26	-25	-45	-26
Confidence Factor:		96.8%	92.3%	84.7%	69.7%	70.0%	81.9%	69.7%
Concentration Trend:		Decreasing	Prob. Decreasing	No Trend	No Trend	No Trend	No Trend	No Trend



Notes:

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2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
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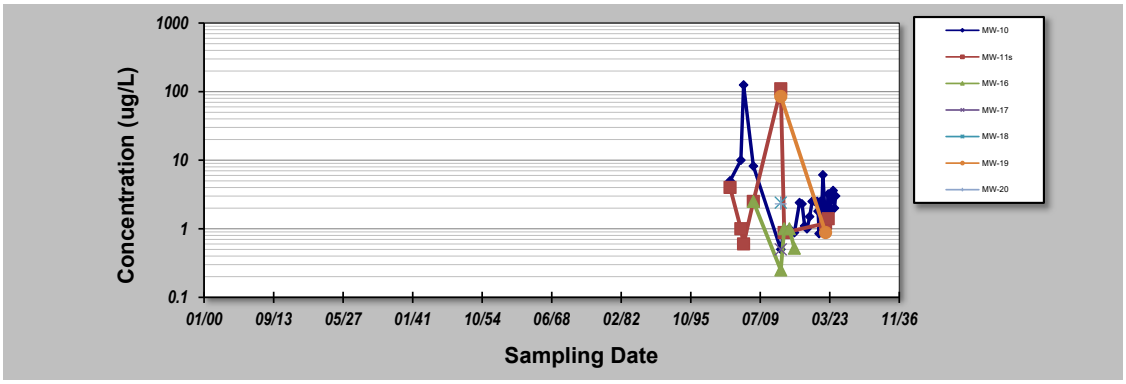
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	2-Jun-25	Job ID:	170861201
Facility Name:	Standard Motor Products	Constituent:	*1,1-Dichloroethane (DCA)*
Conducted By:	Morgan McBride	Concentration Units:	ug/L

Sampling Point ID:		MW-10	MW-11s	MW-16	MW-17	MW-18	MW-19	MW-20
Sampling Event	Sampling Date	1,1-DICHLOROETHANE (DCA) CONCENTRATION (ug/L)						
1	7/28/2003	5	4					
2	9/12/2005	10	1					
3	3/29/2006	125	0.6					
4	2/26/2008	8.2	2.5	2.5				
5	7/24/2013	0.5	110	0.25	0.5	2.4	84.9	2.3
6	3/26/2014	1	0.88	1	0	0	0	0
7	3/30/2015	1	0	1	0	0	0	0
8	3/29/2016	0.88	0	0.52	0	0	0	0
9	3/30/2017	2.4	0	0	0	0	0	0
10	9/27/2017	2.3	0	0	0	0	0	0
11	4/2/2018	1.1	0	0	0	0	0	0
12	9/20/2018	1	0	0	0	0	0	0
13	3/29/2019	1.5	0	0	0	0	0	0
14	9/26/2019	2.5	0	0	0	0	0	0
15	4/10/2020	2.5	0	0	0	0	0	0
16	9/23/2020	2.5	0	0	0	0	0	0
17	11/24/2020	1.8	0	0	0	0	0	0
18	2/11/2021	0.85	0	0	0	0	0	0
19	5/18/2021	2.5	0	0	0	0	0	0
20	8/10/2021	1.8	0	0	0	0	0	0
21	11/9/2021	6.1	0	0	0	0	0	0
22	2/16/2022	0	0	0	0	0	0	0
23	5/19/2022	1.1	1.2	0	0	0	0.88	0
24	8/20/2022	0	0	0	0	0	0	0
25	11/28/2022	3.2	1.4	0	0	0	0	0
26	2/6/2023	1.8	0	0	0	0	0	0
27	5/16/2023	0	0	0	0	0	0	0
28	8/22/2023	0	0	0	0	0	0	0
29	11/13/2023	3.6	0	0	0	0	0	0
30	2/15/2024	2	0	0	0	0	0	0
31	5/7/2024	3	0	0	0		0	0
32	8/27/2024	0	0	0	0	0	0	0
33	11/4/2024	0	0	0	0	0	0	0
34								
35								
Coefficient of Variation:		3.64	5.19	2.93	5.39	5.29	5.33	5.39
Mann-Kendall Statistic (S):		-106	-134	-128	-28	-27	-21	-28
Confidence Factor:		94.8%	98.1%	98.9%	69.2%	69.5%	64.5%	69.2%
Concentration Trend:		Prob. Decreasing	Decreasing	Decreasing	No Trend	No Trend	No Trend	No Trend



Notes:

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2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
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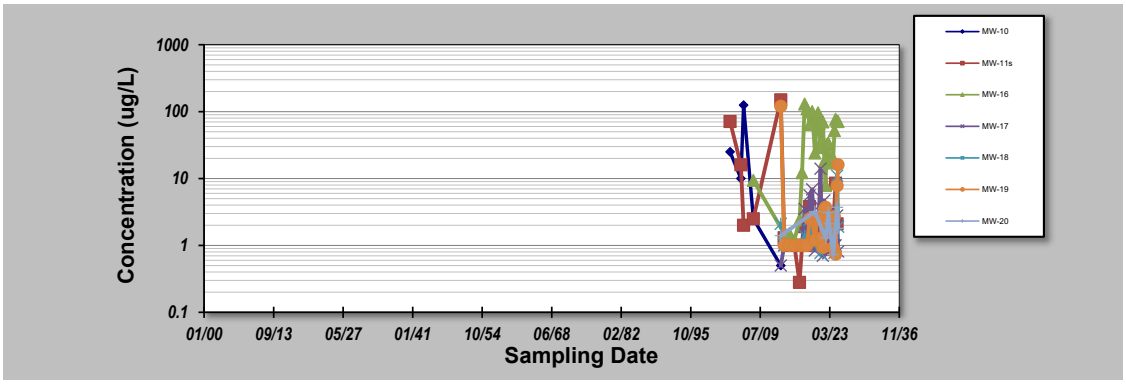
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	2-Jun-25	Job ID:	170861201
Facility Name:	Standard Motor Products	Constituent:	*cis-1,2- Dichloroethene (DCE)*
Conducted By:	Morgan McBride	Concentration Units:	ug/L

Sampling Point ID:		MW-10	MW-11s	MW-16	MW-17	MW-18	MW-19	MW-20
Sampling Event	Sampling Date	CIS-1,2- DICHLOROETHENE (DCE) CONCENTRATION (ug/L)						
1	7/28/2003	25	71					
2	9/12/2005	10	16					
3	3/29/2006	125	2					
4	2/26/2008	2.5	2.5	9.4				
5	7/24/2013	0.5	150		0.5	2.1	120	1.4
6	3/26/2014	0	1.3	1.5	1	1	1	0
7	3/30/2015	0	1	1.5	1	1	1	0
8	3/29/2016	0	1	1.2	1	1	1	0
9	3/30/2017	0	0.28	2.4	1	1	1	0
10	9/27/2017	0	1	12.2	1	1	1	0
11	4/2/2018	0	1.9	130	3.5	1.4	1	0
12	9/20/2018	0	1	110	1	1	1	0
13	3/29/2019	0	3.8	64	5.6	2.4	2.5	0
14	9/26/2019	0	2.3	100	6.9	1.2	2.5	0
15	4/10/2020	0	0	24	0.84	0	1.2	3.2
16	9/23/2020	0	0	89	0.98	0	2.5	0
17	11/24/2020	0	0	96	2.2	0	2.5	0
18	2/11/2021	0	0	66	3.9	0	2.5	0
19	5/18/2021	0	0	29	14	0.77	2.5	0
20	8/10/2021	0	0	37	1.5	1	1.3	0
21	11/9/2021	0	0	70	0.7	0	0.93	0
22	2/16/2022	0	0	18	4.7	0	3.4	0
23	5/19/2022	0	0	7.9	2.6	1.7	3.7	1.3
24	8/10/2022	0	0	32	1.4	1.6	1.6	1.7
25	11/28/2022	0	0.88	34	0.76	0	1.9	3.1
26	2/6/2023	0	0	17	0.88	0	2.4	2.1
27	5/16/2023	0	0	0	1.9	0	1.6	0
28	8/22/2023	0	0.93	21	3.4	2.1	0	0
29	11/13/2023	0	0	20	1.5	1.1	0.93	0.73
30	2/15/2024	0	0	52	1	0.77	2.7	0
31	5/7/2024	0	8.5	77	1		0.74	0
32	8/27/2024	0	2.1	71	2.8	11	7.8	3.7
33	11/4/2024	0	0	71	0.81	1.9	16	1.8
34								
35								
Coefficient of Variation:		4.46	3.50	0.87	1.15	1.64	3.40	1.72
Mann-Kendall Statistic (S):		-146	-207	52	17	-7	60	86
Confidence Factor:		98.8%	99.9%	82.9%	61.7%	54.7%	86.4%	94.4%
Concentration Trend:		Decreasing	Decreasing	No Trend	No Trend	No Trend	No Trend	Prob. Increasing



Notes:

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2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
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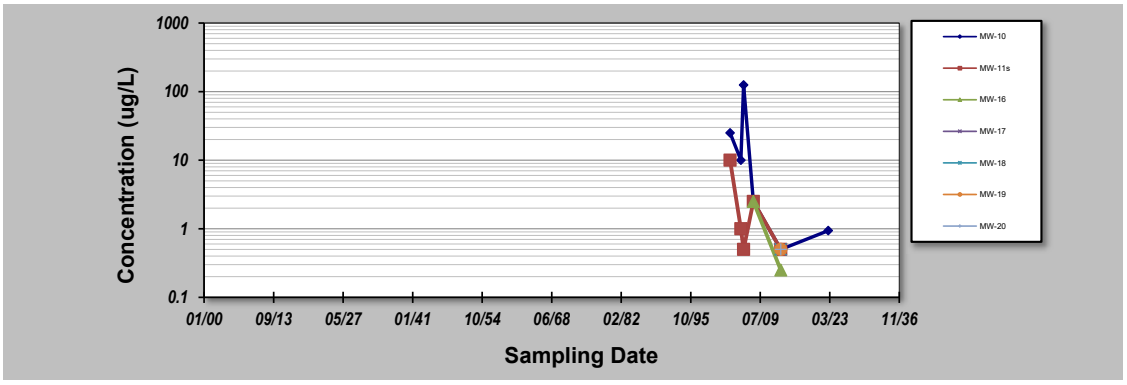
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	2-Jun-25	Job ID:	170861201
Facility Name:	Standard Motor Products	Constituent:	*Chloroethane*
Conducted By:	Morgan McBride	Concentration Units:	ug/L

Sampling Point ID:	MW-10	MW-11s	MW-16	MW-17	MW-18	MW-19	MW-20
Sampling Event	Sampling Date	CHLOROETHANE CONCENTRATION (ug/L)						
1	7/28/2003	25	10					
2	9/12/2005	10	1					
3	3/29/2006	125	0.5					
4	2/26/2008	2.5	2.5	2.5				
5	7/24/2013	0.5	0.5	0.25	0.5	0.5	0.5	0.5
6	3/26/2014	0	0	0	0	0	0	0
7	3/30/2015	0	0	0	0	0	0	0
8	3/29/2016	0	0	0	0	0	0	0
9	3/30/2017	0	0	0	0	0	0	0
10	9/27/2017	0	0	0	0	0	0	0
11	4/2/2018	0	0	0	0	0	0	0
12	9/20/2018	0	0	0	0	0	0	0
13	3/29/2019	0	0	0	0	0	0	0
14	9/26/2019	0	0	0	0	0	0	0
15	4/10/2020	0	0	0	0	0	0	0
16	9/23/2020	0	0	0	0	0	0	0
17	11/24/2020	0	0	0	0	0	0	0
18	2/11/2021	0	0	0	0	0	0	0
19	5/18/2021	0	0	0	0	0	0	0
20	8/10/2021	0	0	0	0	0	0	0
21	11/9/2021	0	0	0	0	0	0	0
22	2/16/2022	0	0	0	0	0	0	0
23	5/19/2022	0	0	0	0	0	0	0
24	8/10/2022	0	0	0	0	0	0	0
25	11/28/2022	0.94	0	0	0	0	0	0
26	2/6/2023	0	0	0	0	0	0	0
27	5/16/2023	0	0	0	0	0	0	0
28	8/22/2023	0	0	0	0	0	0	0
29	11/13/2023	0	0	0	0	0	0	0
30	2/15/2024	0	0	0	0	0	0	0
31	5/7/2024	0	0	0	0		0	0
32	8/27/2024	0	0	0	0	0	0	0
33	11/4/2024	0	0	0	0	0	0	0
34								
35								
Coefficient of Variation:		4.44	4.05	4.99	5.39	5.29	5.39	5.39
Mann-Kendall Statistic (S):		-133	-145	-57	-28	-27	-28	-28
Confidence Factor:		98.0%	98.8%	84.0%	69.2%	69.5%	69.2%	69.2%
Concentration Trend:		Decreasing	Decreasing	No Trend	No Trend	No Trend	No Trend	No Trend



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
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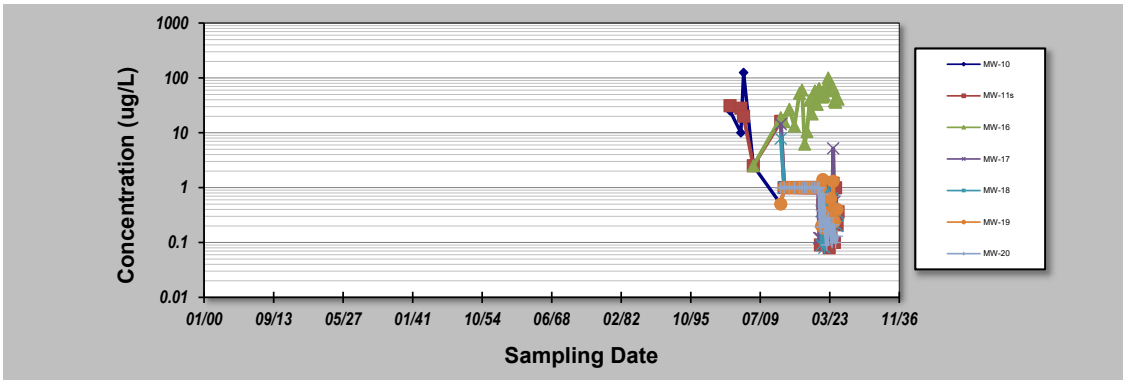
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	2-Jun-25	Job ID:	170861201
Facility Name:	Standard Motor Products	Constituent:	*Vinyl Chloride*
Conducted By:	Morgan McBride	Concentration Units:	ug/L

Sampling Point ID:	MW-10	MW-11s	MW-16	MW-17	MW-18	MW-19	MW-20
Sampling Event	Sampling Date	VINYL CHLORIDE CONCENTRATION (ug/L)						
1	7/28/2003	25	31					
2	9/12/2005	10	28					
3	3/29/2006	125	20					
4	2/26/2008	2.5	2.5	2.5				
5	7/24/2013	0.5	16.1	18.9	14.4	7.8	0.5	0.99
6	3/26/2014	1	1	15.9	1	1	1	1
7	3/30/2015	1	1	26.8	1	1	1	1
8	3/29/2016	1	1	13.3	1	1	1	1
9	3/30/2017	1	1	52.3	1	1	1	1
10	9/27/2017	1	1	60.2	1	1	1	1
11	4/2/2018	1	1	6.2	1	1	1	1
12	9/20/2018	1	1	10.5	1	1	1	1
13	3/29/2019	1	1	39	1	1	1	1
14	9/26/2019	1	1	22	1	1	1	1
15	4/10/2020	1	1	58	1	1	1	1
16	9/23/2020	1	1	33	1	1	1	1
17	11/24/2020	1	1	59	1	1	1	1
18	2/11/2021	1	1	64	0.12	1	1	1
19	5/18/2021	1	0.09	55	0.12	1	1	0.19
20	8/10/2021	1	0	45	0.37	0.09	0.2	0.38
21	11/9/2021	1	0.49	45	0.17	0.37	1.4	0.76
22	2/16/2022	0	0	48	0.14	0.08	0.18	0
23	5/19/2022	0	0	64	0.54	0.18	0.35	0.16
24	8/10/2022	0	0	77	0.13	0.14	0.32	0.09
25	11/28/2022	0	0	100	1.4	0.89	0.22	0.28
26	2/6/2023	0	0.08	58	0.18	0.18	0.22	0
27	5/16/2023	0	0.13	70	0.27	0.13	0.63	0.19
28	8/22/2023	0	0.4	63	0.26	0.64	0.31	0.1
29	11/13/2023	0	1.2	66	5.2	0.58	1.3	0.21
30	2/15/2024	0	0.1	38	0.55	0.3	0.24	0
31	5/7/2024	0	0.99	36	0.22		0	0.1
32	8/27/2024	0	0.21	42	0.2	0.2	0.4	0.13
33	11/4/2024	0	0.36	41	0	0.34	0	0
34								
35								
Coefficient of Variation:		4.04	2.29	0.52	2.16	1.51	0.59	0.77
Mann-Kendall Statistic (S):		-306	-274	164	-151	-188	-143	-228
Confidence Factor:		>99.9%	>99.9%	99.9%	99.8%	>99.9%	99.7%	>99.9%
Concentration Trend:		Decreasing	Decreasing	Increasing	Decreasing	Decreasing	Decreasing	Decreasing



Notes:

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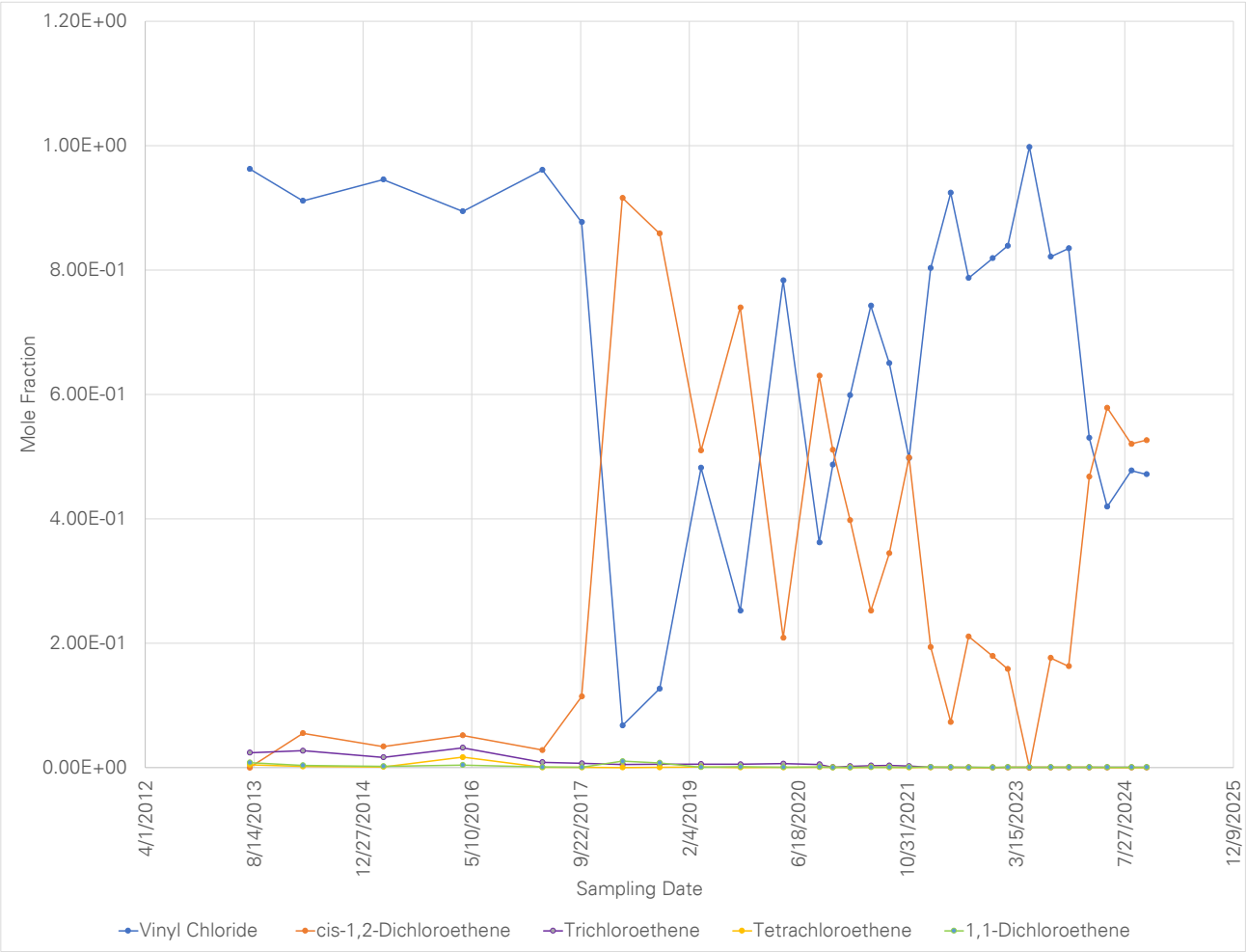
APPENDIX H MOLE FRACTION ANALYSIS OF MW-16

Appendix H - Mole Fraction Analysis
Standard Motor Products, Inc.
Long Island City, Queens, New York
NYSDEC BCP Site No. 241016

	Vinyl Chloride			*cis*-1,2-Dichloroethene			Trichloroethene			Tetrachloroethene			1,1-Dichloroethene			Mole Fraction Sum
Molecular Weight (g/mol)	62.498			96.95			131.4			165.83			96.94			
Sampling Date	Conc. (µg/L)	Mols	Mole Fraction	Conc. (µg/L)	Mols	Mole Fraction	Conc. (µg/L)	Mols	Mole Fraction	Conc. (µg/L)	Mols	Mole Fraction	Conc. (µg/L)	Mols	Mole Fraction	
2/26/2008	2.50	4.00E-08		9.4	9.70E-08		2.5	1.90E-08		2.5	1.51E-08			0		
7/24/2013	18.90	3.02E-07	9.63E-01		0.00E+00	0.00E+00	1	7.61E-09	2.42E-02	0.25	1.51E-09	4.80E-03	0.25	2.58E-09	0.0082	3.14107E-07
3/26/2014	15.90	2.54E-07	9.11E-01	1.5	1.55E-08	5.54E-02	1	7.61E-09	2.73E-02	0.1	6.03E-10	2.16E-03	0.1	1.03E-09	0.0037	2.79125E-07
3/30/2015	26.80	4.29E-07	9.46E-01	1.5	1.55E-08	3.41E-02	1	7.61E-09	1.68E-02	0.1	6.03E-10	1.33E-03	0.1	1.03E-09	0.0023	4.53531E-07
3/29/2016	13.30	2.13E-07	8.95E-01	1.2	1.24E-08	5.20E-02	1	7.61E-09	3.20E-02	0.67	4.04E-09	1.70E-02	0.1	1.03E-09	0.0043	2.37867E-07
3/30/2017	52.30	8.37E-07	9.61E-01	2.4	2.48E-08	2.84E-02	1	7.61E-09	8.74E-03	0.1	6.03E-10	6.92E-04	0.1	1.03E-09	0.0012	8.70827E-07
9/27/2017	60.20	9.63E-07	8.77E-01	12.2	1.26E-07	1.15E-01	1	7.61E-09	6.93E-03	0.1	6.03E-10	5.49E-04	0.1	1.03E-09	0.0009	1.09831E-06
4/2/2018	6.20	9.92E-08	6.78E-02	130	1.34E-06	9.16E-01	1	7.61E-09	5.20E-03	0.1	6.03E-10	4.12E-04	1.5	1.55E-08	0.0106	1.46379E-06
9/20/2018	10.50	1.68E-07	1.27E-01	110	1.13E-06	8.59E-01	1	7.61E-09	5.76E-03	0.1	6.03E-10	4.56E-04	1	1.03E-08	0.0078	1.32114E-06
3/29/2019	39.00	6.24E-07	4.82E-01	64	6.60E-07	5.10E-01	1	7.61E-09	5.88E-03	0.27	1.63E-09	1.26E-03	0.1	1.03E-09	0.0008	1.29442E-06
9/26/2019	22.00	3.52E-07	2.53E-01	100	1.03E-06	7.40E-01	1	7.61E-09	5.46E-03	0.1	6.03E-10	4.33E-04	0.22	2.27E-09	0.0016	1.39395E-06
4/10/2020	58.00	9.28E-07	7.83E-01	24	2.48E-07	2.09E-01	1	7.61E-09	6.42E-03	0.1	6.03E-10	5.09E-04	0.1	1.03E-09	0.0009	1.18482E-06
9/23/2020	33.00	5.28E-07	3.62E-01	89	9.18E-07	6.30E-01	1	7.61E-09	5.22E-03	0.22	1.33E-09	9.11E-04	0.19	1.96E-09	0.0013	1.45691E-06
11/24/2020	59.00	9.44E-07	4.87E-01	96	9.90E-07	5.11E-01	0.2	1.52E-09	7.85E-04	0.18	1.09E-09	5.60E-04	0.1	1.03E-09	0.0005	1.93787E-06
2/11/2021	64.00	1.02E-06	5.99E-01	66	6.81E-07	3.98E-01	0.5	3.81E-09	2.22E-03	0.1	6.03E-10	3.53E-04	0.1	1.03E-09	0.0006	1.71024E-06
5/18/2021	55.00	8.80E-07	7.43E-01	29	2.99E-07	2.52E-01	0.5	3.81E-09	3.21E-03	0.18	1.09E-09	9.16E-04	0.1	1.03E-09	0.0009	1.18507E-06
8/10/2021	45.00	7.20E-07	6.50E-01	37	3.82E-07	3.45E-01	0.5	3.81E-09	3.44E-03	0.1	6.03E-10	5.45E-04	0.1	1.03E-09	0.0009	1.1071E-06
11/9/2021	45.00	7.20E-07	4.97E-01	70	7.22E-07	4.99E-01	0.5	3.81E-09	2.63E-03	0.1	6.03E-10	4.17E-04	0.1	1.03E-09	0.0007	1.44748E-06
2/16/2022	48.00	7.68E-07	8.03E-01	18	1.86E-07	1.94E-01	0.1	7.61E-10	7.96E-04	0.1	6.03E-10	6.31E-04	0.1	1.03E-09	0.0011	9.56083E-07
5/19/2022	64.00	1.02E-06	9.24E-01	7.9	8.15E-08	7.35E-02	0.1	7.61E-10	6.87E-04	0.1	6.03E-10	5.44E-04	0.1	1.03E-09	0.0009	1.10791E-06
8/10/2022	77.00	1.23E-06	7.87E-01	32	3.30E-07	2.11E-01	0.1	7.61E-10	4.86E-04	0.1	6.03E-10	3.85E-04	0.1	1.03E-09	0.0007	1.5645E-06
11/28/2022	100.00	1.60E-06	8.19E-01	34	3.51E-07	1.80E-01	0.1	7.61E-10	3.90E-04	0.1	6.03E-10	3.09E-04	0.1	1.03E-09	0.0005	1.95314E-06
2/6/2023	58.00	9.28E-07	8.39E-01	17	1.75E-07	1.59E-01	0.1	7.61E-10	6.88E-04	0.1	6.03E-10	5.45E-04	0.1	1.03E-09	0.0009	1.10577E-06
5/16/2023	70.00	1.12E-06	9.98E-01	0	0.00E+00	0.00E+00	0.1	7.61E-10	6.78E-04	0.1	6.03E-10	5.37E-04	0.1	1.03E-09	0.0009	1.12243E-06
8/22/2023	63.00	1.01E-06	8.22E-01	21	2.17E-07	1.77E-01	0.1	7.61E-10	6.20E-04	0.1	6.03E-10	4.91E-04	0.1	1.03E-09	0.0008	1.22703E-06
11/13/2023	66.00	1.06E-06	8.35E-01	20	2.06E-07	1.63E-01	0.1	7.61E-10	6.02E-04	0.1	6.03E-10	4.77E-04	0.1	1.03E-09	0.0008	1.26472E-06
2/15/2024	38.00	6.08E-07	5.30E-01	52	5.36E-07	4.68E-01	0.1	7.61E-10	6.64E-04	0.1	6.03E-10	5.26E-04	0.1	1.03E-09	0.0009	1.14677E-06
5/7/2024	36.00	5.76E-07	4.20E-01	77	7.94E-07	5.79E-01	0.1	7.61E-10	5.54E-04	0.1	6.03E-10	4.39E-04	0.1	1.03E-09	0.0008	1.37264E-06
8/27/2024	42.00	6.72E-07	4.78E-01	71	7.32E-07	5.21E-01	0.1	7.61E-10	5.41E-04	0.1	6.03E-10	4.29E-04	0.1	1.03E-09	0.0007	1.40675E-06
11/4/2024	41.00	6.56E-07	4.72E-01	71	7.32E-07	5.27E-01	0.1	7.61E-10	5.47E-04	0.1	6.03E-10	4.34E-04	0.1	1.03E-09	0.0007	1.39075E-06



ATTACHMENT A LAB PACKAGES AND EDD CONFIRMATIONS

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

Technical Memorandum

1 University Square Drive Princeton, NJ 08540 T: 609.282.8000
Mailing Address: 1 University Square Drive Princeton, NJ 08540

To: BJ Parekh, Langan Associate

From: Krzysztof Trafalski, Langan Senior Staff Chemist

Date: March 2, 2026

Re: Data Usability Summary Report
For Standard Motor Products, Inc.
2024 Quarterly Groundwater Samples
Langan Project No.: 170861201

This memorandum presents the findings of an analytical data validation from the analysis of groundwater samples collected in February, May, August, and November 2024 by GZA GeoEnvironmental, Inc. and Langan Engineering and Environmental Services at the Standard Motor Products, Inc. site. The samples were analyzed by Pace Analytical Services - Westborough, MA (NYSDOH NELAP registration # 11148) for volatile organic compounds (VOCs), per- and polyfluoroalkyl substances (PFAS), semivolatile organic compounds (SVOCs), metals, anions, sulfide, total organic carbon (TOC), and dissolved gases by the methods specified below.

- VOCs by SW-846 Method 8260D
- SVOCs by SW-846 Method 8270E SIM
- PFAS by USEPA Method 1633
- Total & Dissolved Metals by SW-846 Method 6020B
- Anions by USEPA Methods 300.0 & 9038 and SM Methods 4500-Cl-E & 4500-NO3-F
- Sulfide by SM Methods 4500-S2-D & 4500-S2-F
- TOC by SW-846 Method 9060A
- Dissolved Gases by Pace Laboratory Method DISGAS or USEPA Method RSK-175

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, level of data validation, and analytical parameters subject to review.

Validation Overview

This data validation was performed in accordance with the following guidelines, where applicable:

- USEPA Region II Standard Operating Procedures (SOPs) for Data Validation
- USEPA Contract Laboratory Program "National Functional Guidelines for Organic Superfund Methods Data Review" (EPA 540- R-20-005, November 2020)
- USEPA Contract Laboratory Program "National Functional Guidelines for Inorganic Superfund Methods Data Review" (EPA 540- R-20-005, November 2020), and

- published analytical methodologies.

The following acronyms may be used in the discussion of data-quality issues:

%D	Percent Difference	MB	Method Blank
CCV	Continuing Calibration Verification	MDL	Method Detection Limit
FB	Field Blank	MS	Matrix Spike
FD	Field Duplicate	MSD	Matrix Spike Duplicate
ICAL	Initial Calibration	RF	Response Factor
ICV	Initial Calibration Verification	RL	Reporting Limit
ISTD	Internal Standard	RPD	Relative Percent Difference
LCL	Lower Control Limit	RSD	Relative Standard Deviation
LCS	Laboratory Control Sample	TB	Trip Blank
LCSD	Laboratory Control Sample Duplicate	UCL	Upper Control Limit

Tier 1 data validation is based on completeness and compliance checks of sample-related QC results including: sample receipt documentation; analytical holding times; sample preservation; blank results (method, field, and trip); surrogate recoveries; MS/MSD recoveries and RPDs values; field duplicate RPDs, laboratory duplicate RPDs, and LCS/LCSD recoveries and RPDs. Five (5) Sample Delivery Groups (SDGs) underwent Tier 1 validation review.

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA guidelines and our best professional judgment:

R – The sample results are unusable because certain criteria were not met when generating the data. The analyte may or may not be present in the sample.

J – The analyte was positively identified, and the associated numerical value is the approximate concentration of the analyte in the sample.

UJ – The analyte was not detected at a level greater than or equal to the reporting limit; however, the reported reporting limit is approximate and may be inaccurate or imprecise.

U – The analyte was analyzed for but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

If any validation qualifiers are assigned, these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified because of this data validation is considered acceptable based on the items specified for review. Data that is qualified as “R” are considered invalid and are not technically usable for data interpretation. Data that is otherwise qualified because of minor data-quality anomalies are usable, as qualified in Table 2 (attached).

MAJOR DEFICIENCIES:

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified.

MINOR DEFICIENCIES:

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. The section below describes the minor deficiencies that were identified.

VOCs by SW-846 Method 8260D

L2408651

The sample SMP-10 exhibited a percent recovery below the LCL for the surrogate dibromofluoromethane (68%). The associated results are qualified as J or UJ because of potential low bias.

L2425158

The LCS/LCSD for batch WG1919977 exhibited RPDs above the control limit for 2-butanone (21%) and 2-hexanone (22%). The associated results in samples SMP-MW-11S, SMP-MW-17, SMP-MW-19, and DUP are qualified as UJ because of potential indeterminate bias.

The LCS/LCSD for batch WG1920354 exhibited percent recoveries below the LCL for bromomethane (32%, 29%), chloromethane (59%, 51%), and trans-1,4-dichloro-2-butene (69%, 67%). The associated results in sample SMP-MW-10 are qualified as UJ because of potential low bias.

L2425633

The LCS/LCSD for batch WG1921278 exhibited a RPD above the control limit for 2-butanone (21%). The associated results in samples SMP-MW-16 and MW-20 are qualified as UJ because of potential indeterminate bias.

L2449146

The LCS for batch WG1967385 exhibited a percent recovery below the LCL for 1,4-dioxane (48%). The associated results in samples SMP-MW-10, SMP-MW-11S, SMP-MW-16, SMP-MW-17, SMP-MW-18, SMP-MW-19, SMP-MW-20, and SMP-DUP are qualified as UJ because of potential low bias.

L2464256

The LCS for batch WG1995643 exhibited a percent recovery below the LCL for acetone (51%). The associated results in samples SMP-MW-10_110424, SMP-MW-11S_110424, SMP-MW-16_110424, SMP-MW-17_110424, SMP-MW-18_110424, SMP-MW-19_110424, SMP-MW-20_110424, and DUP01_110424 are qualified as UJ because of potential low bias.

The LCS/LCSD for batch WG1995643 exhibited an RPD above the control limit for 1,4-dioxane (p-dioxane) (25%). The associated results in samples SMP-MW-10_110424, SMP-MW-11S_110424, SMP-MW-16_110424, SMP-MW-17_110424, SMP-MW-18_110424, SMP-MW-19_110424, SMP-MW-20_110424, and DUP01_110424 are qualified as UJ because of potential indeterminate bias.

SVOCs by SW-846 Method 8270E SIM

L2449146

The MB for batch WG1966999 exhibited a detection of 1,4-dioxane (44.3 ng/L). The associated results <10X the blank concentration in samples SMP-MW-10, SMP-MW-11S, SMP-MW-16, SMP-MW-17, SMP-MW-18, SMP-MW-19, and SMP-MW-20 are qualified as J or U at the reporting limit because of potential blank contamination.

PFAS by USEPA Method 1633

L2464256

The sample SMP-MW-10_110424 exhibited percent recoveries above the UCL for the isotope dilution standards 1H,1H,2H,2H-perfluoro[1,2-13C2]decanesulfonic acid (M2-8:2FTS) (317%), 1H,1H,2H,2H-perfluoro[1,2-13C2]hexanesulfonic acid (M2-4:2FTS) (269%), and 1H,1H,2H,2H-perfluoro[1,2-13C2]octanesulfonic acid (M2-6:2FTS) (343%). The associated results are qualified as UJ because of potential low bias.

The sample SMP-MW-18_110424 exhibited a percent recovery above the UCL for the isotope dilution standard 1H,1H,2H,2H-perfluoro[1,2-13C2]hexanesulfonic acid (M2-4:2FTS) (203%). The associated result is qualified as UJ because of potential low bias.

The ion ratio observed in sample SMP-MW-11S_110424 exhibited poor responses for perfluoroheptanesulfonic acid (PFHpS). The associated result is qualified as J because of potential indeterminate bias.

The ion ratio observed in sample SMP-MW-10_110424 exhibited poor responses for perfluorooctane sulfonamide (PFOSA) and perfluoroundecanoic acid (PFUnA). The associated results are qualified as J because of potential indeterminate bias.

Total & Dissolved Metals by SW-846 Method 6020B

L2408651

The FB (SMP-FB) exhibited a detection of dissolved iron (0.0354 mg/L). The associated detect results <10X the blank concentration in samples SMP-10, SMP-115, SMP-16, SMP-17, SMP-18, SMP-19, SMP-20, and SMP-DUP are qualified as J or as U at the reporting limit because of potential blank contamination.

L2464256

The FB (GWFB01_110424) exhibited a detection of dissolved iron (0.0203 mg/L). The associated detect result <10X the blank concentration in samples SMP-MW-10_110424, SMP-MW-11S_110424, SMP-MW-16_110424, SMP-MW-17_110424, SMP-MW-18_110424, SMP-MW-19_110424, SMP-MW-20_110424, and DUP01_110424 is qualified as J because of potential blank contamination.

Anions by USEPA Methods 300.0 & 9038 and SM Methods 4500-Cl-E & 4500-NO3-F

L2425158

The FB (FIELD BLANK) exhibited detections of nitrogen, nitrate (0.04 mg/L) and sulfate (1.5 mg/L). The associated detect result <10X the blank concentration in samples SMP-MW-10, SMP-MW-11S, SMP-MW-17, SMP-MW-18, SMP-MW-19, SMP-MW-20, and DUP is qualified as U at the reporting limit because of potential blank contamination.

The MS/MSD performed on sample SMP-MW-20 exhibited a percent recovery below the LCL for sulfide (76%, 73.8%). The associated result is qualified as J because of potential low bias.

L2425633

The FB (FIELD BLANK) exhibited detections of nitrogen, nitrate (0.066 mg/L) and sulfate (2 mg/L). The associated results in sample SMP-MW-16 are qualified as U at the reporting limit because of potential blank contamination.

The MB for batch WG1921946 exhibited a detection of sulfate (1.9 mg/L). The associated result in sample SMP-MW-16 is qualified as U at the reporting limit because of potential blank contamination.

L2464256

The FB (GWFB01_110424) exhibited detections of chloride (as Cl) (0.243 mg/L) and nitrogen, nitrate (as N) (0.03 mg/L). The associated detect result <10X the blank concentration in samples SMP-MW-10_110424, SMP-MW-11S_110424, SMP-MW-16_110424, SMP-MW-17_110424, SMP-MW-18_110424, SMP-MW-19_110424, SMP-MW-20_110424, and DUP01_110424 is qualified as U at the reporting limit because of potential blank contamination.

The MB for batch WG1993459 exhibited detections of chloride (as Cl) (0.236 mg/L) and nitrogen, nitrate (as N) (0.025 mg/L). The associated detect result <10X the blank concentration in samples SMP-MW-10_110424, SMP-MW-11S_110424, SMP-MW-16_110424, SMP-MW-17_110424, SMP-MW-18_110424, SMP-MW-19_110424, SMP-MW-20_110424, and DUP01_110424 is qualified as U at the reporting limit because of potential blank contamination.

The MS performed on sample SMP-MW-11S_110424 exhibited a percent recovery below the LCL for sulfate (as SO4) (85%). The associated result is qualified as J because of potential low bias.

Sulfide by SM Methods 4500-S2-D & 4500-S2-F

L2449146

The samples SMP-MW-11S, SMP-MW-18, and SMP-DUP exhibited an exceedance of the recommended holding time for sulfide by SM 4500-S2 D (2 days). The associated results are qualified as UJ because of potential low bias.

L2464256

The MS performed on sample SMP-MW-19_110424 exhibited a percent recovery below the LCL for sulfide (65%). The associated result is qualified as UJ because of potential low bias.

TOC by SW-846 Method 9060A

L2408651

The FB (SMP-FB) exhibited a detection of total organic carbon (0.26 mg/L). The associated results <10X the blank concentration in samples SMP-10, SMP-115, SMP-16, SMP-17, SMP-18, SMP-19, SMP-20, and SMP-DUP are qualified as J because of potential blank contamination.

L2425158

The FB (FIELD BLANK) exhibited a detection of total organic carbon (0.14 mg/L). The associated results <10X the blank concentration in samples SMP-MW-10, SMP-MW-11S, SMP-MW-17, SMP-MW-18, SMP-MW-19, SMP-MW-20, and DUP are qualified as J because of potential blank contamination.

L2425633

The FB (FIELD BLANK) exhibited a detection of total organic carbon (0.21 mg/L). The associated result in sample SMP-MW-16 is qualified as J because of potential blank contamination.

L2449146

The FB (SMP-FIELD BLANK) exhibited a detection of total organic carbon (0.28 mg/L). The associated results <10X the blank concentration in samples SMP-MW-10, SMP-MW-11S, SMP-MW-16, SMP-MW-17, SMP-MW-18, SMP-MW-19, SMP-MW-20, and SMP-DUP are qualified as J because of potential blank contamination.

Dissolved Gases by Pace Laboratory Method DISGAS or USEPA Method RSK-175

L2408651

The LCS for batch WG1889333 exhibited percent recoveries below the LCL for ethane (66%) and ethene (71%). The associated results in samples SMP-19, SMP-20, and SMP-DUP are qualified as UJ because of potential low bias.

L2449146

The FB (SMP-FIELD BLANK) exhibited a detection of methane (4.39 ug/L). The associated results <10X the blank concentration in samples SMP-MW-10, SMP-MW-11S, SMP-MW-16, SMP-MW-17, SMP-MW-18, SMP-MW-19, SMP-MW-20, and SMP-DUP are qualified as J because of potential blank contamination.

OTHER DEFICIENCIES:

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. The section below describes the other deficiencies that were identified.

VOCs by SW-846 Method 8260D

L2408651

The LCS for batch WG1887166 exhibited a percent recovery above the UCL for 1,4-dioxane (172%). The associated results are non-detect. No qualification is necessary.

L2425633

The LCS/LCSD for batch WG1921278 exhibited a percent recovery above the UCL for vinyl acetate (140%, 140%). The associated results are non-detect. No qualification is necessary.

L2449146

The LCS/LCSD for batch WG1967385 exhibited a percent recovery above the UCL for vinyl acetate (170%, 160%). The associated results are non-detect. No qualification is necessary.

Total & Dissolved Metals by SW-846 Method 6020B

L2449146

The MS performed on sample SMP-MW-10 exhibited a percent recovery above the UCL for total iron (147%). The associated results in the parent sample are >4X the spiked amount. No qualification is necessary.

Anions by USEPA Methods 300.0 & 9038 and SM Methods 4500-Cl-E & 4500-NO3-F

L2408651

The MB for batch WG1887773 exhibited a detection of sulfate (1.6 mg/L). The associated results are >10x the blank concentration. No qualification is necessary.

The MS performed on sample SMP-10 exhibited a percent recovery below the LCL for chloride (0%). The associated result in the parent sample is >4X the spiked amount. No qualification is necessary.

L2425158

The MB for batch WG1920107 exhibited a detection of sulfate (1.4 mg/L). The associated results are >10x the blank concentration or non-detect. No qualification is necessary.

L2449146

The FB (SMP-FIELD BLANK) exhibited a detection of sulfate (1.8 mg/L). The associated results are >10x the blank concentration. No qualification is necessary.

The MB for batch WG1967432 exhibited a detection of sulfate (1.8 mg/L). The associated results are >10x the blank concentration. No qualification is necessary.

The MB for batch WG1967433 exhibited a detection of sulfate (1.8 mg/L). The associated results are >10x the blank concentration. No qualification is necessary.

The MS performed on sample SMP-MW-10 exhibited a percent recovery above the UCL for chloride (150%). The associated results in the parent sample are >4X the spiked amount. No qualification is necessary.

FIELD DUPLICATES:

Four (4) field duplicate and parent sample pairs were collected and analyzed for all parameters. For results less than 5X the RL, analytes meet the precision criteria if the absolute difference is less than ±X the RL. For results greater than 5X the RL, analytes meet the precision criteria if the RPD is less than or equal to 30% for groundwater. The following field duplicate and parent sample pairs were compared to the precision criteria:

- SMP-DUP and SMP-19
- DUP and SMP-MW-11S
- SMP-DUP and SMP-MW-11S
- DUP01_110424 and SMP-MW-16_110424

The field duplicate and parent sample (SMP-DUP and SMP-19) exhibited a RPD above the control limit for total iron (31.7%). The associated results are qualified as J because of potential indeterminate bias.

The field duplicate and parent sample (SMP-DUP and SMP-19) exhibited absolute differences above the RL for total arsenic (0.0005 mg/L) and dissolved iron (0.1292 mg/L). The associated results not previously qualified are qualified as J because of potential indeterminate bias.DUP and SMP-MW-11SSMP-DUP and SMP-MW-11SThe field duplicate and parent sample (DUP01_110424 and SMP-MW-16_110424) exhibited an absolute difference above the RL for methane (73 ug/L). The associated results are qualified as J or UJ because of potential indeterminate bias.

CONCLUSION:

Based on this evaluation, the laboratory appears to have followed the specified analytical methods except for errors discussed above. If a given fraction is not mentioned above, that means that all specified criteria were met for that parameter. All the data packages met ASP Category B requirements.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

Signed:

Krzysztof Trafalski
Senior Staff Chemist

ANALYTICAL REPORT

Lab Number:	L2408651
Client:	GZA GeoEnvironmental, Inc. 55 Lane Road Suite 407 Fairfield, NJ 07004
ATTN:	Bhuvnesh Parekh
Phone:	(973) 774-3300
Project Name:	STANDARD MOTOR PRODUCTS
Project Number:	12.0076761.20
Report Date:	02/27/24

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

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Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20

Lab Number: L2408651
Report Date: 02/27/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2408651-01	SMP-10	WATER	3718 NORTHERN BLVD, LONG ISLAND CITY, NY	02/15/24 13:40	02/16/24
L2408651-02	SMP-115	WATER	3718 NORTHERN BLVD, LONG ISLAND CITY, NY	02/15/24 14:12	02/16/24
L2408651-03	SMP-16	WATER	3718 NORTHERN BLVD, LONG ISLAND CITY, NY	02/15/24 13:10	02/16/24
L2408651-04	SMP-17	WATER	3718 NORTHERN BLVD, LONG ISLAND CITY, NY	02/15/24 16:18	02/16/24
L2408651-05	SMP-18	WATER	3718 NORTHERN BLVD, LONG ISLAND CITY, NY	02/15/24 15:15	02/16/24
L2408651-06	SMP-19	WATER	3718 NORTHERN BLVD, LONG ISLAND CITY, NY	02/15/24 17:32	02/16/24
L2408651-07	SMP-20	WATER	3718 NORTHERN BLVD, LONG ISLAND CITY, NY	02/15/24 15:40	02/16/24
L2408651-08	SMP-DUP	WATER	3718 NORTHERN BLVD, LONG ISLAND CITY, NY	02/15/24 17:53	02/16/24
L2408651-09	SMP-FB	WATER	3718 NORTHERN BLVD, LONG ISLAND CITY, NY	02/15/24 18:05	02/16/24
L2408651-10	TB	WATER	3718 NORTHERN BLVD, LONG ISLAND CITY, NY	02/14/24 00:00	02/16/24

Project Name:	STANDARD MOTOR PRODUCTS	**Lab Number:**	L2408651
Project Number:	12.0076761.20	**Report Date:**	02/27/24

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:	STANDARD MOTOR PRODUCTS	**Lab Number:**	L2408651
Project Number:	12.0076761.20	**Report Date:**	02/27/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

The analysis of Sulfide was subcontracted. A copy of the laboratory report is included as an addendum. Please note: This data is only available in PDF format and is not available on Data Merger.

Sample Receipt

L2408651-05: The collection date and time on the chain of custody was 15-FEB-24 15:15; however, the collection date/time on the container label was 15-FEB-24 14:15. At the client's request, the collection date/time is reported as 15-FEB-24 15:15.

Volatile Organics

L2408651-01: The surrogate recovery is outside the method acceptance criteria for dibromofluoromethane (68%) due to interference with the Internal Standard.

Chloride

The WG1887354-4 MS recovery for chloride (0%), performed on L2408651-01, does not apply because the sample concentration is greater than four times the spike amount added.

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: Kelly Stenstrom

Title: Technical Director/Representative Date: 02/27/24

ORGANICS

VOLATILES

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-01 Date Collected: 02/15/24 13:40

Client ID: SMP-10 Date Received: 02/16/24

Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 02/19/24 11:58

Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	2.0	J	ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	5.7		ug/l	0.50	0.16	1
Toluene	10		ug/l	2.5	0.70	1
Ethylbenzene	6.2		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-01 Date Collected: 02/15/24 13:40

Client ID: SMP-10 Date Received: 02/16/24

Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	12		ug/l	2.5	0.70	1
o-Xylene	3.6		ug/l	2.5	0.70	1
Xylenes, Total	16		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	5.2		ug/l	2.5	0.70	1
sec-Butylbenzene	4.0		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	47		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	5.7		ug/l	2.5	0.70	1

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-01 Date Collected: 02/15/24 13:40

Client ID: SMP-10 Date Received: 02/16/24

Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	110		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	7.0		ug/l	2.0	0.70	1
p-Ethyltoluene	1.6	J	ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	40		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	83		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	**68**	Q	70-130

Project Name: STANDARD MOTOR PRODUCTS
Lab Number: L2408651
Project Number: 12.0076761.20
Report Date: 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-01
Client ID: SMP-10
Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY
Date Collected: 02/15/24 13:40
Date Received: 02/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 02/23/24 12:39
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	7220		ug/l	2.00	2.00	1	A
Ethene	ND		ug/l	0.500	0.500	1	A
Ethane	7.21		ug/l	0.500	0.500	1	A

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-02 Date Collected: 02/15/24 14:12

Client ID: SMP-115 Date Received: 02/16/24

Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 02/19/24 12:21

Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.10	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-02 Date Collected: 02/15/24 14:12

Client ID: SMP-115 Date Received: 02/16/24

Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	1.3		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-02 Date Collected: 02/15/24 14:12

Client ID: SMP-115 Date Received: 02/16/24

Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	99		70-130

Project Name: STANDARD MOTOR PRODUCTS
Lab Number: L2408651
Project Number: 12.0076761.20
Report Date: 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-02
Client ID: SMP-115
Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY
Date Collected: 02/15/24 14:12
Date Received: 02/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 02/23/24 12:57
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	17.2		ug/l	2.00	2.00	1	A
Ethene	ND		ug/l	0.500	0.500	1	A
Ethane	ND		ug/l	0.500	0.500	1	A

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-03 Date Collected: 02/15/24 13:10

Client ID: SMP-16 Date Received: 02/16/24

Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 02/19/24 12:43

Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	38		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-03 Date Collected: 02/15/24 13:10

Client ID: SMP-16 Date Received: 02/16/24

Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	0.84	J	ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	52		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	52		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-03 Date Collected: 02/15/24 13:10

Client ID: SMP-16 Date Received: 02/16/24

Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	100		70-130

Project Name: STANDARD MOTOR PRODUCTS
Lab Number: L2408651
Project Number: 12.0076761.20
Report Date: 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-03
Client ID: SMP-16
Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY
Date Collected: 02/15/24 13:10
Date Received: 02/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 02/23/24 13:15
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	ND		ug/l	2.00	2.00	1	A
Ethene	ND		ug/l	0.500	0.500	1	A
Ethane	ND		ug/l	0.500	0.500	1	A

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-04 Date Collected: 02/15/24 16:18
Client ID: SMP-17 Date Received: 02/16/24
Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 02/19/24 13:05
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.55	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-04 Date Collected: 02/15/24 16:18

Client ID: SMP-17 Date Received: 02/16/24

Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	1.0	J	ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	1.0	J	ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-04 Date Collected: 02/15/24 16:18

Client ID: SMP-17 Date Received: 02/16/24

Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	99		70-130

Project Name: STANDARD MOTOR PRODUCTS
Lab Number: L2408651
Project Number: 12.0076761.20
Report Date: 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-04
Client ID: SMP-17
Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY
Date Collected: 02/15/24 16:18
Date Received: 02/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 02/23/24 13:33
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	68.0		ug/l	2.00	2.00	1	A
Ethene	ND		ug/l	0.500	0.500	1	A
Ethane	ND		ug/l	0.500	0.500	1	A

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-05 Date Collected: 02/15/24 15:15

Client ID: SMP-18 Date Received: 02/16/24

Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 02/19/24 13:27

Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.30	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-05 Date Collected: 02/15/24 15:15

Client ID: SMP-18 Date Received: 02/16/24

Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	0.77	J	ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	0.77	J	ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-05 Date Collected: 02/15/24 15:15

Client ID: SMP-18 Date Received: 02/16/24

Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	99		70-130

Project Name: STANDARD MOTOR PRODUCTS
Lab Number: L2408651
Project Number: 12.0076761.20
Report Date: 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-05
Client ID: SMP-18
Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY
Date Collected: 02/15/24 15:15
Date Received: 02/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 02/23/24 13:51
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	63.1		ug/l	2.00	2.00	1	A
Ethene	ND		ug/l	0.500	0.500	1	A
Ethane	ND		ug/l	0.500	0.500	1	A

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-06 Date Collected: 02/15/24 17:32
Client ID: SMP-19 Date Received: 02/16/24
Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 02/19/24 13:50
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.24	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-06 Date Collected: 02/15/24 17:32

Client ID: SMP-19 Date Received: 02/16/24

Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	2.7		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	2.7		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-06 Date Collected: 02/15/24 17:32

Client ID: SMP-19 Date Received: 02/16/24

Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	100		70-130

Project Name: STANDARD MOTOR PRODUCTS
Lab Number: L2408651
Project Number: 12.0076761.20
Report Date: 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-06
Client ID: SMP-19
Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY
Date Collected: 02/15/24 17:32
Date Received: 02/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 02/26/24 12:56
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	14.3		ug/l	2.00	2.00	1	A
Ethene	ND		ug/l	0.500	0.500	1	A
Ethane	ND		ug/l	0.500	0.500	1	A

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-07 Date Collected: 02/15/24 15:40
Client ID: SMP-20 Date Received: 02/16/24
Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 02/19/24 14:12
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-07 Date Collected: 02/15/24 15:40

Client ID: SMP-20 Date Received: 02/16/24

Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-07 Date Collected: 02/15/24 15:40

Client ID: SMP-20 Date Received: 02/16/24

Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	99		70-130

Project Name: STANDARD MOTOR PRODUCTS
Lab Number: L2408651
Project Number: 12.0076761.20
Report Date: 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-07
Client ID: SMP-20
Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY
Date Collected: 02/15/24 15:40
Date Received: 02/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 02/26/24 13:14
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	166		ug/l	2.00	2.00	1	A
Ethene	ND		ug/l	0.500	0.500	1	A
Ethane	ND		ug/l	0.500	0.500	1	A

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-08 Date Collected: 02/15/24 17:53

Client ID: SMP-DUP Date Received: 02/16/24

Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 02/19/24 14:34

Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.26	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-08 Date Collected: 02/15/24 17:53

Client ID: SMP-DUP Date Received: 02/16/24

Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	2.8		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	2.8		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-08 Date Collected: 02/15/24 17:53

Client ID: SMP-DUP Date Received: 02/16/24

Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	101		70-130

Project Name: STANDARD MOTOR PRODUCTS
Lab Number: L2408651
Project Number: 12.0076761.20
Report Date: 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-08
Client ID: SMP-DUP
Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY
Date Collected: 02/15/24 17:53
Date Received: 02/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 02/26/24 13:32
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	13.9		ug/l	2.00	2.00	1	A
Ethene	ND		ug/l	0.500	0.500	1	A
Ethane	ND		ug/l	0.500	0.500	1	A

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-09 Date Collected: 02/15/24 18:05

Client ID: SMP-FB Date Received: 02/16/24

Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 02/19/24 11:14

Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-09 Date Collected: 02/15/24 18:05

Client ID: SMP-FB Date Received: 02/16/24

Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-09 Date Collected: 02/15/24 18:05

Client ID: SMP-FB Date Received: 02/16/24

Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	99		70-130

Project Name: STANDARD MOTOR PRODUCTS
Lab Number: L2408651
Project Number: 12.0076761.20
Report Date: 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-09
Client ID: SMP-FB
Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY
Date Collected: 02/15/24 18:05
Date Received: 02/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 02/26/24 12:20
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	ND		ug/l	2.00	2.00	1	A
Ethene	ND		ug/l	0.500	0.500	1	A
Ethane	ND		ug/l	0.500	0.500	1	A

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-10 Date Collected: 02/14/24 00:00

Client ID: TB Date Received: 02/16/24

Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 02/19/24 11:36

Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-10 Date Collected: 02/14/24 00:00

Client ID: TB Date Received: 02/16/24

Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-10 Date Collected: 02/14/24 00:00

Client ID: TB Date Received: 02/16/24

Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	99		70-130

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/19/24 10:30
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1887166-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/19/24 10:30
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1887166-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/19/24 10:30
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1887166-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	99		70-130

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 117,-
Analytical Date: 02/23/24 10:45
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	
Dissolved Gases by GC - Mansfield Lab for sample(s): 01-05 Batch: WG1888559-3						
Methane	ND		ug/l	2.00	2.00	A
Ethene	ND		ug/l	0.500	0.500	A
Ethane	ND		ug/l	0.500	0.500	A

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 117,-
Analytical Date: 02/26/24 10:52
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	
Dissolved Gases by GC - Mansfield Lab for sample(s): 06-09 Batch: WG1889333-3						
Methane	ND		ug/l	2.00	2.00	A
Ethene	ND		ug/l	0.500	0.500	A
Ethane	ND		ug/l	0.500	0.500	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: STANDARD MOTOR PRODUCTS

Project Number: 12.0076761.20

Lab Number: L2408651

Report Date: 02/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1887166-3 WG1887166-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	110		100		63-132	10		20
1,2-Dichloropropane	110		100		70-130	10		20
Dibromochloromethane	100		98		63-130	2		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	110		100		70-130	10		20
Chlorobenzene	110		100		75-130	10		20
Trichlorofluoromethane	97		91		62-150	6		20
1,2-Dichloroethane	98		95		70-130	3		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	100		97		67-130	3		20
trans-1,3-Dichloropropene	100		97		70-130	3		20
cis-1,3-Dichloropropene	99		96		70-130	3		20
1,1-Dichloropropene	110		100		70-130	10		20
Bromoform	99		96		54-136	3		20
1,1,2,2-Tetrachloroethane	110		100		67-130	10		20
Benzene	110		100		70-130	10		20
Toluene	110		100		70-130	10		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	110		110		64-130	0		20
Bromomethane	77		74		39-139	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: STANDARD MOTOR PRODUCTS

Project Number: 12.0076761.20

Lab Number: L2408651

Report Date: 02/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1887166-3 WG1887166-4								
Vinyl chloride	110		100		55-140	10		20
Chloroethane	100		94		55-138	6		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	110		100		70-130	10		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	110		100		70-130	10		20
1,4-Dichlorobenzene	110		100		70-130	10		20
Methyl tert butyl ether	97		97		63-130	0		20
p/m-Xylene	105		100		70-130	5		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	98		95		70-130	3		20
1,2,3-Trichloropropane	100		100		64-130	0		20
Acrylonitrile	110		110		70-130	0		20
Styrene	100		95		70-130	5		20
Dichlorodifluoromethane	120		110		36-147	9		20
Acetone	100		100		58-148	0		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	100		100		63-138	0		20
Vinyl acetate	100		100		70-130	0		20
4-Methyl-2-pentanone	87		91		59-130	4		20
2-Hexanone	84		87		57-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: STANDARD MOTOR PRODUCTS

Project Number: 12.0076761.20

Lab Number: L2408651

Report Date: 02/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1887166-3 WG1887166-4								
Bromochloromethane	110		100		70-130	10		20
2,2-Dichloropropane	110		100		63-133	10		20
1,2-Dibromoethane	99		97		70-130	2		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	100		99		64-130	1		20
Bromobenzene	110		100		70-130	10		20
n-Butylbenzene	110		100		53-136	10		20
sec-Butylbenzene	110		100		70-130	10		20
tert-Butylbenzene	110		100		70-130	10		20
o-Chlorotoluene	110		100		70-130	10		20
p-Chlorotoluene	110		100		70-130	10		20
1,2-Dibromo-3-chloropropane	100		100		41-144	0		20
Hexachlorobutadiene	95		92		63-130	3		20
Isopropylbenzene	110		100		70-130	10		20
p-Isopropyltoluene	110		100		70-130	10		20
Naphthalene	94		95		70-130	1		20
n-Propylbenzene	110		100		69-130	10		20
1,2,3-Trichlorobenzene	94		92		70-130	2		20
1,2,4-Trichlorobenzene	97		95		70-130	2		20
1,3,5-Trimethylbenzene	110		100		64-130	10		20
1,2,4-Trimethylbenzene	110		100		70-130	10		20
1,4-Dioxane	**172**	Q	158		56-162	8		20
p-Diethylbenzene	100		99		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: STANDARD MOTOR PRODUCTS

Project Number: 12.0076761.20

Lab Number: L2408651

Report Date: 02/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1887166-3 WG1887166-4								
p-Ethyltoluene	110		100		70-130	10		20
1,2,4,5-Tetramethylbenzene	100		95		70-130	5		20
Ethyl ether	92		91		59-134	1		20
trans-1,4-Dichloro-2-butene	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		94		70-130
Toluene-d8	101		102		70-130
4-Bromofluorobenzene	100		99		70-130
Dibromofluoromethane	96		98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: STANDARD MOTOR PRODUCTS

Project Number: 12.0076761.20

Lab Number: L2408651

Report Date: 02/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-05 Batch: WG1888559-2									
Methane	95		-		80-120	-		25	A
Ethene	84		-		80-120	-		25	A
Ethane	80		-		80-120	-		25	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: STANDARD MOTOR PRODUCTS

Project Number: 12.0076761.20

Lab Number: L2408651

Report Date: 02/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 06-09 Batch: WG1889333-2									
Methane	80		-		80-120	-		25	A
Ethene	**71**	Q	-		80-120	-		25	A
Ethane	**66**	Q	-		80-120	-		25	A

SEMIVOLATILES

Project Name: STANDARD MOTOR PRODUCTS
Lab Number: L2408651
Project Number: 12.0076761.20
Report Date: 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-01
Client ID: SMP-10
Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY

Date Collected: 02/15/24 13:40
Date Received: 02/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 02/20/24 00:19
Analyst: AMV

Extraction Method: EPA 3510C
Extraction Date: 02/17/24 14:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	135.	J	ng/l	147	33.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	44		15-110

Project Name: STANDARD MOTOR PRODUCTS
Lab Number: L2408651
Project Number: 12.0076761.20
Report Date: 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-02
Client ID: SMP-115
Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY

Date Collected: 02/15/24 14:12
Date Received: 02/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 02/20/24 00:47
Analyst: AMV

Extraction Method: EPA 3510C
Extraction Date: 02/17/24 14:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	341.		ng/l	156	35.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	40		15-110

Project Name: STANDARD MOTOR PRODUCTS
Lab Number: L2408651
Project Number: 12.0076761.20
Report Date: 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-03
Client ID: SMP-16
Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY

Date Collected: 02/15/24 13:10
Date Received: 02/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 02/20/24 01:15
Analyst: AMV

Extraction Method: EPA 3510C
Extraction Date: 02/17/24 14:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	1100		ng/l	150	33.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	42		15-110

Project Name: STANDARD MOTOR PRODUCTS
Lab Number: L2408651
Project Number: 12.0076761.20
Report Date: 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-04
Client ID: SMP-17
Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY

Date Collected: 02/15/24 16:18
Date Received: 02/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 02/20/24 01:44
Analyst: AMV

Extraction Method: EPA 3510C
Extraction Date: 02/17/24 14:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	141.	J	ng/l	163	36.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	44		15-110

Project Name: STANDARD MOTOR PRODUCTS
Lab Number: L2408651
Project Number: 12.0076761.20
Report Date: 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-05
Client ID: SMP-18
Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY

Date Collected: 02/15/24 15:15
Date Received: 02/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 02/20/24 02:12
Analyst: AMV

Extraction Method: EPA 3510C
Extraction Date: 02/17/24 14:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	237.		ng/l	150	33.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	43		15-110

Project Name: STANDARD MOTOR PRODUCTS
Lab Number: L2408651
Project Number: 12.0076761.20
Report Date: 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-06
Client ID: SMP-19
Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY

Date Collected: 02/15/24 17:32
Date Received: 02/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 02/20/24 02:39
Analyst: AMV

Extraction Method: EPA 3510C
Extraction Date: 02/17/24 14:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	346.		ng/l	150	33.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	43		15-110

Project Name: STANDARD MOTOR PRODUCTS
Lab Number: L2408651
Project Number: 12.0076761.20
Report Date: 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-07
Client ID: SMP-20
Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY

Date Collected: 02/15/24 15:40
Date Received: 02/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 02/20/24 03:08
Analyst: AMV

Extraction Method: EPA 3510C
Extraction Date: 02/17/24 14:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	230.		ng/l	150	33.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	40		15-110

Project Name: STANDARD MOTOR PRODUCTS
Lab Number: L2408651
Project Number: 12.0076761.20
Report Date: 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-08
Client ID: SMP-DUP
Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY

Date Collected: 02/15/24 17:53
Date Received: 02/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 02/20/24 03:35
Analyst: AMV

Extraction Method: EPA 3510C
Extraction Date: 02/17/24 14:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	351.		ng/l	150	33.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	40		15-110

Project Name: STANDARD MOTOR PRODUCTS
Lab Number: L2408651
Project Number: 12.0076761.20
Report Date: 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-09
Client ID: SMP-FB
Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY

Date Collected: 02/15/24 18:05
Date Received: 02/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 02/20/24 04:03
Analyst: AMV

Extraction Method: EPA 3510C
Extraction Date: 02/17/24 14:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	144	32.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	57		15-110

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408651
Report Date: 02/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 02/19/24 17:50
Analyst: AMV

Extraction Method: EPA 3510C
Extraction Date: 02/17/24 14:22

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 01-09 Batch: WG1886357-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	31		15-110

Lab Control Sample Analysis

Batch Quality Control

Project Name: STANDARD MOTOR PRODUCTS

Project Number: 12.0076761.20

Lab Number: L2408651

Report Date: 02/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab	Associated sample(s): 01-09		Batch: WG1886357-2	WG1886357-3				
1,4-Dioxane	113		115		40-140	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	19		40		15-110

METALS

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-01 Date Collected: 02/15/24 13:40

Client ID: SMP-10 Date Received: 02/16/24

Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.00935		mg/l	0.00050	0.00016	1	02/20/24 10:54	02/23/24 06:46	EPA 3005A	1,6020B	EJF
Iron, Total	11.4		mg/l	0.0500	0.0191	1	02/20/24 10:54	02/23/24 06:46	EPA 3005A	1,6020B	EJF
Manganese, Total	0.7428		mg/l	0.00100	0.00044	1	02/20/24 10:54	02/23/24 06:46	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	0.00073		mg/l	0.00050	0.00016	1	02/21/24 10:00	02/22/24 19:29	EPA 3005A	1,6020B	NTB
Iron, Dissolved	0.124		mg/l	0.0500	0.0191	1	02/21/24 10:00	02/22/24 19:29	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	0.6882		mg/l	0.00100	0.00044	1	02/21/24 10:00	02/22/24 19:29	EPA 3005A	1,6020B	NTB

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-02 Date Collected: 02/15/24 14:12

Client ID: SMP-115 Date Received: 02/16/24

Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	02/20/24 10:54	02/23/24 06:50	EPA 3005A	1,6020B	EJF
Iron, Total	0.243		mg/l	0.0500	0.0191	1	02/20/24 10:54	02/23/24 06:50	EPA 3005A	1,6020B	EJF
Manganese, Total	0.3031		mg/l	0.00100	0.00044	1	02/20/24 10:54	02/23/24 06:50	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	0.00017	J	mg/l	0.00050	0.00016	1	02/21/24 10:00	02/22/24 19:52	EPA 3005A	1,6020B	NTB
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	02/21/24 10:00	02/22/24 19:52	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	0.09983		mg/l	0.00100	0.00044	1	02/21/24 10:00	02/22/24 19:52	EPA 3005A	1,6020B	NTB

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-03 Date Collected: 02/15/24 13:10

Client ID: SMP-16 Date Received: 02/16/24

Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.03475		mg/l	0.00050	0.00016	1	02/20/24 10:54	02/23/24 06:55	EPA 3005A	1,6020B	EJF
Iron, Total	17.8		mg/l	0.0500	0.0191	1	02/20/24 10:54	02/23/24 06:55	EPA 3005A	1,6020B	EJF
Manganese, Total	0.5562		mg/l	0.00100	0.00044	1	02/20/24 10:54	02/23/24 06:55	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	0.00227		mg/l	0.00050	0.00016	1	02/21/24 10:00	02/22/24 19:56	EPA 3005A	1,6020B	NTB
Iron, Dissolved	0.542		mg/l	0.0500	0.0191	1	02/21/24 10:00	02/22/24 19:56	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	0.3782		mg/l	0.00100	0.00044	1	02/21/24 10:00	02/22/24 19:56	EPA 3005A	1,6020B	NTB

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-04 Date Collected: 02/15/24 16:18

Client ID: SMP-17 Date Received: 02/16/24

Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.00024	J	mg/l	0.00050	0.00016	1	02/20/24 10:54	02/23/24 07:29	EPA 3005A	1,6020B	EJF
Iron, Total	0.0356	J	mg/l	0.0500	0.0191	1	02/20/24 10:54	02/23/24 07:29	EPA 3005A	1,6020B	EJF
Manganese, Total	0.4006		mg/l	0.00100	0.00044	1	02/20/24 10:54	02/23/24 07:29	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	0.00019	J	mg/l	0.00050	0.00016	1	02/21/24 10:00	02/22/24 20:01	EPA 3005A	1,6020B	NTB
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	02/21/24 10:00	02/22/24 20:01	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	0.3148		mg/l	0.00100	0.00044	1	02/21/24 10:00	02/22/24 20:01	EPA 3005A	1,6020B	NTB

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-05 Date Collected: 02/15/24 15:15

Client ID: SMP-18 Date Received: 02/16/24

Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	02/20/24 10:54	02/23/24 07:34	EPA 3005A	1,6020B	EJF
Iron, Total	0.127		mg/l	0.0500	0.0191	1	02/20/24 10:54	02/23/24 07:34	EPA 3005A	1,6020B	EJF
Manganese, Total	0.2278		mg/l	0.00100	0.00044	1	02/20/24 10:54	02/23/24 07:34	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	02/21/24 10:00	02/22/24 20:14	EPA 3005A	1,6020B	NTB
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	02/21/24 10:00	02/22/24 20:14	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	0.1662		mg/l	0.00100	0.00044	1	02/21/24 10:00	02/22/24 20:14	EPA 3005A	1,6020B	NTB

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-06 Date Collected: 02/15/24 17:32

Client ID: SMP-19 Date Received: 02/16/24

Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.00227		mg/l	0.00050	0.00016	1	02/20/24 10:54	02/23/24 07:39	EPA 3005A	1,6020B	EJF
Iron, Total	15.7		mg/l	0.0500	0.0191	1	02/20/24 10:54	02/23/24 07:39	EPA 3005A	1,6020B	EJF
Manganese, Total	4.662		mg/l	0.01000	0.00440	10	02/20/24 10:54	02/23/24 08:26	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	02/21/24 10:00	02/22/24 20:19	EPA 3005A	1,6020B	NTB
Iron, Dissolved	0.168		mg/l	0.0500	0.0191	1	02/21/24 10:00	02/22/24 20:19	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	0.1084		mg/l	0.00100	0.00044	1	02/21/24 10:00	02/22/24 20:19	EPA 3005A	1,6020B	NTB

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-07 Date Collected: 02/15/24 15:40

Client ID: SMP-20 Date Received: 02/16/24

Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.00022	J	mg/l	0.00050	0.00016	1	02/20/24 10:54	02/23/24 07:43	EPA 3005A	1,6020B	EJF
Iron, Total	0.348		mg/l	0.0500	0.0191	1	02/20/24 10:54	02/23/24 07:43	EPA 3005A	1,6020B	EJF
Manganese, Total	0.1825		mg/l	0.00100	0.00044	1	02/20/24 10:54	02/23/24 07:43	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	02/21/24 10:00	02/22/24 20:23	EPA 3005A	1,6020B	NTB
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	02/21/24 10:00	02/22/24 20:23	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	0.1619		mg/l	0.00100	0.00044	1	02/21/24 10:00	02/22/24 20:23	EPA 3005A	1,6020B	NTB

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-08 Date Collected: 02/15/24 17:53

Client ID: SMP-DUP Date Received: 02/16/24

Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.00177		mg/l	0.00050	0.00016	1	02/20/24 10:54	02/23/24 07:48	EPA 3005A	1,6020B	EJF
Iron, Total	11.4		mg/l	0.0500	0.0191	1	02/20/24 10:54	02/23/24 07:48	EPA 3005A	1,6020B	EJF
Manganese, Total	3.824		mg/l	0.01000	0.00440	10	02/20/24 10:54	02/23/24 08:31	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	02/21/24 10:00	02/22/24 20:28	EPA 3005A	1,6020B	NTB
Iron, Dissolved	0.0388	J	mg/l	0.0500	0.0191	1	02/21/24 10:00	02/22/24 20:28	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	0.1088		mg/l	0.00100	0.00044	1	02/21/24 10:00	02/22/24 20:28	EPA 3005A	1,6020B	NTB

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-09 Date Collected: 02/15/24 18:05

Client ID: SMP-FB Date Received: 02/16/24

Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	02/20/24 10:54	02/23/24 07:16	EPA 3005A	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	02/20/24 10:54	02/23/24 07:16	EPA 3005A	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	02/20/24 10:54	02/23/24 07:16	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	02/21/24 10:00	02/22/24 20:32	EPA 3005A	1,6020B	NTB
Iron, Dissolved	0.0354	J	mg/l	0.0500	0.0191	1	02/21/24 10:00	02/22/24 20:32	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	02/21/24 10:00	02/22/24 20:32	EPA 3005A	1,6020B	NTB

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-09 Batch: WG1886950-1										
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	02/20/24 10:54	02/23/24 06:18	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	02/20/24 10:54	02/23/24 06:18	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	02/20/24 10:54	02/23/24 06:18	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-09 Batch: WG1886958-1										
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	02/21/24 10:00	02/22/24 19:20	1,6020B	NTB
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	02/21/24 10:00	02/22/24 19:20	1,6020B	NTB
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	02/21/24 10:00	02/22/24 19:20	1,6020B	NTB

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: STANDARD MOTOR PRODUCTS

Project Number: 12.0076761.20

Lab Number: L2408651

Report Date: 02/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-09 Batch: WG1886950-2								
Arsenic, Total	105		-		80-120	-		
Iron, Total	105		-		80-120	-		
Manganese, Total	104		-		80-120	-		
Dissolved Metals - Mansfield Lab Associated sample(s): 01-09 Batch: WG1886958-2								
Arsenic, Dissolved	98		-		80-120	-		
Iron, Dissolved	100		-		80-120	-		
Manganese, Dissolved	101		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20

Lab Number: L2408651
Report Date: 02/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG1886950-3 WG1886950-4 QC Sample: L2408684-01 Client ID: MS Sample												
Arsenic, Total	0.0015	0.12	0.1304	107		0.1306	108		75-125	0		20
Iron, Total	10.9	1	12.7	**180**	Q	12.9	**200**	Q	75-125	2		20
Manganese, Total	1.101	0.5	1.661	124		1.704	**133**	Q	75-125	3		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG1886958-3 QC Sample: L2408651-01 Client ID: SMP-10												
Arsenic, Dissolved	0.00073	0.12	0.1230	102		-	-		75-125	-		20
Iron, Dissolved	0.124	1	1.07	95		-	-		75-125	-		20
Manganese, Dissolved	0.6882	0.5	1.176	98		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: STANDARD MOTOR PRODUCTS

Project Number: 12.0076761.20

Lab Number: L2408651

Report Date: 02/27/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG1886958-4 QC Sample: L2408651-01 Client ID: SMP-10						
Arsenic, Dissolved	0.00073	0.00068	mg/l	7		20
Iron, Dissolved	0.124	0.130	mg/l	5		20
Manganese, Dissolved	0.6882	0.6804	mg/l	1		20

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2408651
Report Date: 02/27/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG1886950-6 QC Sample: L2408684-01 Client ID: DUP Sample						
Iron, Total	10.9	11.2	mg/l	3		20
Total Metals - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG1886950-6 QC Sample: L2408684-01 Client ID: DUP Sample						
Manganese, Total	1.101	1.114	mg/l	1		20

INORGANICS
&
MISCELLANEOUS

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408651
Report Date: 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-01
Client ID: SMP-10
Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:
Matrix: Water
Date Collected: 02/15/24 13:40
Date Received: 02/16/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chloride	420		mg/l	10	8.9	10	-	02/20/24 21:56	121,4500CL-E	TLH
Nitrogen, Nitrate	0.058	J	mg/l	0.100	0.022	1	-	02/17/24 04:58	121,4500NO3-F	MRM
Sulfate	140		mg/l	50	6.8	5	02/21/24 15:40	02/21/24 15:40	1,9038	MRW
Total Organic Carbon	21.		mg/l	5.0	0.97	10	-	02/19/24 03:20	1,9060A	DEW

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408651
Report Date: 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-02
Client ID: SMP-115
Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:
Matrix: Water
Date Collected: 02/15/24 14:12
Date Received: 02/16/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chloride	280		mg/l	10	8.9	10	-	02/20/24 21:27	121,4500CL-E	TLH
Nitrogen, Nitrate	0.066	J	mg/l	0.100	0.022	1	-	02/17/24 05:03	121,4500NO3-F	MRM
Sulfate	49.		mg/l	25	3.4	2.5	02/21/24 15:40	02/21/24 15:40	1,9038	MRW
Total Organic Carbon	0.81		mg/l	0.50	0.09	1	-	02/19/24 03:20	1,9060A	DEW

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408651
Report Date: 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-03
Client ID: SMP-16
Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:
Matrix: Water

Date Collected: 02/15/24 13:10
Date Received: 02/16/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chloride	260		mg/l	10	8.9	10	-	02/20/24 21:29	121,4500CL-E	TLH
Nitrogen, Nitrate	0.023	J	mg/l	0.100	0.022	1	-	02/17/24 05:04	121,4500NO3-F	MRM
Sulfate	92.		mg/l	25	3.4	2.5	02/21/24 15:40	02/21/24 15:40	1,9038	MRW
Total Organic Carbon	1.5		mg/l	0.50	0.09	1	-	02/19/24 03:20	1,9060A	DEW

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408651
Report Date: 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-04
Client ID: SMP-17
Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:
Matrix: Water
Date Collected: 02/15/24 16:18
Date Received: 02/16/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chloride	270		mg/l	10	8.9	10	-	02/20/24 21:31	121,4500CL-E	TLH
Nitrogen, Nitrate	0.034	J	mg/l	0.100	0.022	1	-	02/17/24 05:32	121,4500NO3-F	MRM
Sulfate	57.		mg/l	25	3.4	2.5	02/21/24 15:40	02/21/24 15:40	1,9038	MRW
Total Organic Carbon	0.77		mg/l	0.50	0.09	1	-	02/19/24 03:20	1,9060A	DEW

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408651
Report Date: 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-05
Client ID: SMP-18
Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:
Matrix: Water
Date Collected: 02/15/24 15:15
Date Received: 02/16/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chloride	290		mg/l	10	8.9	10	-	02/20/24 21:33	121,4500CL-E	TLH
Nitrogen, Nitrate	0.051	J	mg/l	0.100	0.022	1	-	02/17/24 05:33	121,4500NO3-F	MRM
Sulfate	56.		mg/l	25	3.4	2.5	02/21/24 15:40	02/21/24 15:40	1,9038	MRW
Total Organic Carbon	0.70		mg/l	0.50	0.09	1	-	02/19/24 03:20	1,9060A	DEW

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408651
Report Date: 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-06
Client ID: SMP-19
Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:
Matrix: Water

Date Collected: 02/15/24 17:32
Date Received: 02/16/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chloride	230		mg/l	10	8.9	10	-	02/20/24 22:02	121,4500CL-E	TLH
Nitrogen, Nitrate	0.024	J	mg/l	0.100	0.022	1	-	02/17/24 05:34	121,4500NO3-F	MRM
Sulfate	67.		mg/l	25	3.4	2.5	02/21/24 15:40	02/21/24 15:40	1,9038	MRW
Total Organic Carbon	0.81		mg/l	0.50	0.09	1	-	02/19/24 03:20	1,9060A	DEW

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408651
Report Date: 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-07
Client ID: SMP-20
Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:
Matrix: Water
Date Collected: 02/15/24 15:40
Date Received: 02/16/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chloride	290		mg/l	10	8.9	10	-	02/20/24 22:06	121,4500CL-E	TLH
Nitrogen, Nitrate	ND		mg/l	0.100	0.022	1	-	02/17/24 05:06	121,4500NO3-F	MRM
Sulfate	51.		mg/l	25	3.4	2.5	02/22/24 12:30	02/22/24 12:30	1,9038	MRW
Total Organic Carbon	0.71		mg/l	0.50	0.09	1	-	02/19/24 03:20	1,9060A	DEW

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408651
Report Date: 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-08
Client ID: SMP-DUP
Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:
Matrix: Water

Date Collected: 02/15/24 17:53
Date Received: 02/16/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chloride	220		mg/l	10	8.9	10	-	02/20/24 22:08	121,4500CL-E	TLH
Nitrogen, Nitrate	0.040	J	mg/l	0.100	0.022	1	-	02/17/24 05:36	121,4500NO3-F	MRM
Sulfate	68.		mg/l	25	3.4	2.5	02/22/24 12:30	02/22/24 12:30	1,9038	MRW
Total Organic Carbon	0.82		mg/l	0.50	0.09	1	-	02/19/24 03:20	1,9060A	DEW

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408651
Report Date: 02/27/24

SAMPLE RESULTS

Lab ID: L2408651-09
Client ID: SMP-FB
Sample Location: 3718 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:
Matrix: Water
Date Collected: 02/15/24 18:05
Date Received: 02/16/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chloride	ND		mg/l	1.0	0.89	1	-	02/20/24 22:30	121,4500CL-E	TLH
Nitrogen, Nitrate	ND		mg/l	0.100	0.022	1	-	02/17/24 05:37	121,4500NO3-F	MRM
Sulfate	ND		mg/l	10	1.4	1	02/22/24 12:30	02/22/24 12:30	1,9038	MRW
Total Organic Carbon	0.26	J	mg/l	0.50	0.09	1	-	02/19/24 03:20	1,9060A	DEW

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408651

Project Number: 12.0076761.20 **Report Date:** 02/27/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-09 Batch: WG1886245-1										
Nitrogen, Nitrate	ND		mg/l	0.100	0.022	1	-	02/17/24 03:54	121,4500NO3-F	MRM
General Chemistry - Westborough Lab for sample(s): 01-09 Batch: WG1886642-1										
Total Organic Carbon	ND		mg/l	0.50	0.09	1	-	02/19/24 03:20	1,9060A	DEW
General Chemistry - Westborough Lab for sample(s): 01-09 Batch: WG1887354-1										
Chloride	ND		mg/l	1.0	0.89	1	-	02/20/24 20:21	121,4500CL-E	TLH
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG1887773-1										
Sulfate	1.6	J	mg/l	10	1.4	1	02/21/24 15:40	02/21/24 15:40	1,9038	MRW
General Chemistry - Westborough Lab for sample(s): 07-09 Batch: WG1888130-1										
Sulfate	ND		mg/l	10	1.4	1	02/22/24 12:30	02/22/24 12:30	1,9038	MRW

Lab Control Sample Analysis

Batch Quality Control

Project Name: STANDARD MOTOR PRODUCTS

Project Number: 12.0076761.20

Lab Number: L2408651

Report Date: 02/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-09 Batch: WG1886245-2								
Nitrogen, Nitrate	98		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-09 Batch: WG1886642-2								
Total Organic Carbon	93		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-09 Batch: WG1887354-2								
Chloride	93		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG1887773-2								
Sulfate	100		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 07-09 Batch: WG1888130-2								
Sulfate	100		-		90-110	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20

Lab Number: L2408651
Report Date: 02/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG1886245-4 QC Sample: L2408656-01 Client ID: MS Sample												
Nitrogen, Nitrate	2.48	4	6.36	97		-	-		83-113	-		17
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG1886642-4 QC Sample: L2408332-01 Client ID: MS Sample												
Total Organic Carbon	16.	32	45	90		-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG1887354-4 QC Sample: L2408651-01 Client ID: SMP-10												
Chloride	420	20	420	**0**	Q	-	-		58-140	-		7
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1887773-4 QC Sample: L2408651-01 Client ID: SMP-10												
Sulfate	140	200	350	106		-	-		55-147	-		14
General Chemistry - Westborough Lab Associated sample(s): 07-09 QC Batch ID: WG1888130-4 QC Sample: L2408651-07 Client ID: SMP-20												
Sulfate	51.	100	150	102		-	-		55-147	-		14

Lab Duplicate Analysis

Batch Quality Control

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20

Lab Number: L2408651
Report Date: 02/27/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG1886245-3 QC Sample: L2408656-01 Client ID: DUP Sample						
Nitrogen, Nitrate	2.48	2.50	mg/l	1		17
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG1886642-3 QC Sample: L2408332-01 Client ID: DUP Sample						
Total Organic Carbon	16.	16	mg/l	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG1887354-3 QC Sample: L2408651-01 Client ID: SMP-10						
Chloride	420	410	mg/l	2		7
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1887773-3 QC Sample: L2408651-01 Client ID: SMP-10						
Sulfate	140	150	mg/l	7		14
General Chemistry - Westborough Lab Associated sample(s): 07-09 QC Batch ID: WG1888130-3 QC Sample: L2408651-07 Client ID: SMP-20						
Sulfate	51.	50	mg/l	2		14

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20

Lab Number: L2408651
Report Date: 02/27/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2408651-01A	Vial HCl preserved	A	NA		3.2	Y	Absent		NYTCL-8260(14)
L2408651-01B	Vial HCl preserved	A	NA		3.2	Y	Absent		NYTCL-8260(14)
L2408651-01C	Vial HCl preserved	A	NA		3.2	Y	Absent		NYTCL-8260(14)
L2408651-01D	20ml Vial HCl preserved	A	NA		3.2	Y	Absent		DISSGAS(14)
L2408651-01E	20ml Vial HCl preserved	A	NA		3.2	Y	Absent		DISSGAS(14)
L2408651-01F	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-9060(28)
L2408651-01G	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-9060(28)
L2408651-01H	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-9060(28)
L2408651-01J	Plastic 250ml unpreserved	A	7	7	3.2	Y	Absent		CL-4500(28),SO4-9038(28),NO3-4500(2)
L2408651-01K	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.2	Y	Absent		SUB-SULFIDE()
L2408651-01L	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.2	Y	Absent		SUB-SULFIDE()
L2408651-01M	Plastic 250ml unpreserved	A	7	7	3.2	Y	Absent		-
L2408651-01N	Plastic 250ml HNO3 preserved	A	<2	<2	3.2	Y	Absent		FE-6020T(180),MN-6020T(180),AS-6020T(180)
L2408651-01O	Amber 250ml unpreserved	A	7	7	3.2	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2408651-01P	Amber 250ml unpreserved	A	7	7	3.2	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2408651-01X	Plastic 120ml HNO3 preserved Filtrates	A	NA		3.2	Y	Absent		MN-6020S(180),FE-6020S(180),AS-6020S(180)
L2408651-02A	Vial HCl preserved	A	NA		3.2	Y	Absent		NYTCL-8260(14)
L2408651-02B	Vial HCl preserved	A	NA		3.2	Y	Absent		NYTCL-8260(14)
L2408651-02C	Vial HCl preserved	A	NA		3.2	Y	Absent		NYTCL-8260(14)
L2408651-02D	20ml Vial HCl preserved	A	NA		3.2	Y	Absent		DISSGAS(14)
L2408651-02E	20ml Vial HCl preserved	A	NA		3.2	Y	Absent		DISSGAS(14)

*Values in parentheses indicate holding time in days

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20

Lab Number: L2408651
Report Date: 02/27/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2408651-02F	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-9060(28)
L2408651-02G	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-9060(28)
L2408651-02H	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-9060(28)
L2408651-02J	Plastic 250ml unpreserved	A	7	7	3.2	Y	Absent		SO4-9038(28),CL-4500(28),NO3-4500(2)
L2408651-02K	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.2	Y	Absent		SUB-SULFIDE()
L2408651-02L	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.2	Y	Absent		SUB-SULFIDE()
L2408651-02M	Plastic 250ml unpreserved	A	7	7	3.2	Y	Absent		-
L2408651-02N	Plastic 250ml HNO3 preserved	A	<2	<2	3.2	Y	Absent		FE-6020T(180),MN-6020T(180),AS-6020T(180)
L2408651-02O	Amber 250ml unpreserved	A	7	7	3.2	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2408651-02P	Amber 250ml unpreserved	A	7	7	3.2	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2408651-02X	Plastic 120ml HNO3 preserved Filtrates	A	NA		3.2	Y	Absent		MN-6020S(180),FE-6020S(180),AS-6020S(180)
L2408651-03A	Vial HCl preserved	A	NA		3.2	Y	Absent		NYTCL-8260(14)
L2408651-03B	Vial HCl preserved	A	NA		3.2	Y	Absent		NYTCL-8260(14)
L2408651-03C	Vial HCl preserved	A	NA		3.2	Y	Absent		NYTCL-8260(14)
L2408651-03D	20ml Vial HCl preserved	A	NA		3.2	Y	Absent		DISSGAS(14)
L2408651-03E	20ml Vial HCl preserved	A	NA		3.2	Y	Absent		DISSGAS(14)
L2408651-03F	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-9060(28)
L2408651-03G	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-9060(28)
L2408651-03H	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-9060(28)
L2408651-03J	Plastic 250ml unpreserved	A	7	7	3.2	Y	Absent		SO4-9038(28),CL-4500(28),NO3-4500(2)
L2408651-03K	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.2	Y	Absent		SUB-SULFIDE()
L2408651-03L	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.2	Y	Absent		SUB-SULFIDE()
L2408651-03M	Plastic 250ml unpreserved	A	7	7	3.2	Y	Absent		-
L2408651-03N	Plastic 250ml HNO3 preserved	A	<2	<2	3.2	Y	Absent		FE-6020T(180),MN-6020T(180),AS-6020T(180)
L2408651-03O	Amber 250ml unpreserved	A	7	7	3.2	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2408651-03P	Amber 250ml unpreserved	A	7	7	3.2	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2408651-03X	Plastic 120ml HNO3 preserved Filtrates	A	NA		3.2	Y	Absent		MN-6020S(180),FE-6020S(180),AS-6020S(180)
L2408651-04A	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20

Lab Number: L2408651
Report Date: 02/27/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2408651-04B	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260(14)
L2408651-04C	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260(14)
L2408651-04D	20ml Vial HCl preserved	B	NA		3.0	Y	Absent		DISSGAS(14)
L2408651-04E	20ml Vial HCl preserved	B	NA		3.0	Y	Absent		DISSGAS(14)
L2408651-04F	Vial H2SO4 preserved	B	NA		3.0	Y	Absent		TOC-9060(28)
L2408651-04G	Vial H2SO4 preserved	B	NA		3.0	Y	Absent		TOC-9060(28)
L2408651-04H	Vial H2SO4 preserved	B	NA		3.0	Y	Absent		TOC-9060(28)
L2408651-04J	Plastic 250ml unpreserved	B	7	7	3.0	Y	Absent		CL-4500(28),SO4-9038(28),NO3-4500(2)
L2408651-04K	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	3.0	Y	Absent		SUB-SULFIDE()
L2408651-04L	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	3.0	Y	Absent		SUB-SULFIDE()
L2408651-04M	Plastic 250ml unpreserved	B	7	7	3.0	Y	Absent		-
L2408651-04N	Plastic 250ml HNO3 preserved	B	<2	<2	3.0	Y	Absent		FE-6020T(180),MN-6020T(180),AS-6020T(180)
L2408651-04O	Amber 250ml unpreserved	B	7	7	3.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2408651-04P	Amber 250ml unpreserved	B	7	7	3.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2408651-04X	Plastic 120ml HNO3 preserved Filtrates	B	NA		3.0	Y	Absent		MN-6020S(180),FE-6020S(180),AS-6020S(180)
L2408651-05A	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260(14)
L2408651-05B	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260(14)
L2408651-05C	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260(14)
L2408651-05D	20ml Vial HCl preserved	B	NA		3.0	Y	Absent		DISSGAS(14)
L2408651-05E	20ml Vial HCl preserved	B	NA		3.0	Y	Absent		DISSGAS(14)
L2408651-05F	Vial H2SO4 preserved	B	NA		3.0	Y	Absent		TOC-9060(28)
L2408651-05G	Vial H2SO4 preserved	B	NA		3.0	Y	Absent		TOC-9060(28)
L2408651-05H	Vial H2SO4 preserved	B	NA		3.0	Y	Absent		TOC-9060(28)
L2408651-05J	Plastic 250ml unpreserved	B	7	7	3.0	Y	Absent		SO4-9038(28),CL-4500(28),NO3-4500(2)
L2408651-05K	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	3.0	Y	Absent		SUB-SULFIDE()
L2408651-05L	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	3.0	Y	Absent		SUB-SULFIDE()
L2408651-05M	Plastic 250ml unpreserved	B	7	7	3.0	Y	Absent		-
L2408651-05N	Plastic 250ml HNO3 preserved	B	<2	<2	3.0	Y	Absent		FE-6020T(180),MN-6020T(180),AS-6020T(180)

*Values in parentheses indicate holding time in days

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20

Lab Number: L2408651
Report Date: 02/27/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2408651-05O	Amber 250ml unpreserved	B	7	7	3.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2408651-05P	Amber 250ml unpreserved	B	7	7	3.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2408651-05X	Plastic 120ml HNO3 preserved Filtrates	B	NA		3.0	Y	Absent		MN-6020S(180),FE-6020S(180),AS-6020S(180)
L2408651-06A	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260(14)
L2408651-06B	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260(14)
L2408651-06C	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260(14)
L2408651-06D	20ml Vial HCl preserved	B	NA		3.0	Y	Absent		DISSGAS(14)
L2408651-06E	20ml Vial HCl preserved	B	NA		3.0	Y	Absent		DISSGAS(14)
L2408651-06F	Vial H2SO4 preserved	B	NA		3.0	Y	Absent		TOC-9060(28)
L2408651-06G	Vial H2SO4 preserved	B	NA		3.0	Y	Absent		TOC-9060(28)
L2408651-06H	Vial H2SO4 preserved	B	NA		3.0	Y	Absent		TOC-9060(28)
L2408651-06J	Plastic 250ml unpreserved	B	7	7	3.0	Y	Absent		CL-4500(28),SO4-9038(28),NO3-4500(2)
L2408651-06K	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	3.0	Y	Absent		SUB-SULFIDE()
L2408651-06L	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	3.0	Y	Absent		SUB-SULFIDE()
L2408651-06M	Plastic 250ml unpreserved	B	7	7	3.0	Y	Absent		-
L2408651-06N	Plastic 250ml HNO3 preserved	B	<2	<2	3.0	Y	Absent		FE-6020T(180),MN-6020T(180),AS-6020T(180)
L2408651-06O	Amber 250ml unpreserved	B	7	7	3.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2408651-06P	Amber 250ml unpreserved	B	7	7	3.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2408651-06X	Plastic 120ml HNO3 preserved Filtrates	B	NA		3.0	Y	Absent		MN-6020S(180),FE-6020S(180),AS-6020S(180)
L2408651-07A	Vial HCl preserved	A	NA		3.2	Y	Absent		NYTCL-8260(14)
L2408651-07B	Vial HCl preserved	A	NA		3.2	Y	Absent		NYTCL-8260(14)
L2408651-07C	Vial HCl preserved	A	NA		3.2	Y	Absent		NYTCL-8260(14)
L2408651-07D	20ml Vial HCl preserved	A	NA		3.2	Y	Absent		DISSGAS(14)
L2408651-07E	20ml Vial HCl preserved	A	NA		3.2	Y	Absent		DISSGAS(14)
L2408651-07F	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-9060(28)
L2408651-07G	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-9060(28)
L2408651-07H	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-9060(28)
L2408651-07J	Plastic 250ml unpreserved	A	7	7	3.2	Y	Absent		SO4-9038(28),CL-4500(28),NO3-4500(2)

*Values in parentheses indicate holding time in days

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20

Lab Number: L2408651
Report Date: 02/27/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2408651-07K	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.2	Y	Absent		SUB-SULFIDE()
L2408651-07L	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.2	Y	Absent		SUB-SULFIDE()
L2408651-07M	Plastic 250ml unpreserved	A	7	7	3.2	Y	Absent		-
L2408651-07N	Plastic 250ml HNO3 preserved	A	<2	<2	3.2	Y	Absent		FE-6020T(180),MN-6020T(180),AS-6020T(180)
L2408651-07O	Amber 250ml unpreserved	A	7	7	3.2	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2408651-07P	Amber 250ml unpreserved	A	7	7	3.2	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2408651-07X	Plastic 120ml HNO3 preserved Filtrates	A	NA		3.2	Y	Absent		MN-6020S(180),FE-6020S(180),AS-6020S(180)
L2408651-08A	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260(14)
L2408651-08B	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260(14)
L2408651-08C	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260(14)
L2408651-08D	20ml Vial HCl preserved	B	NA		3.0	Y	Absent		DISSGAS(14)
L2408651-08E	20ml Vial HCl preserved	B	NA		3.0	Y	Absent		DISSGAS(14)
L2408651-08F	Vial H2SO4 preserved	B	NA		3.0	Y	Absent		TOC-9060(28)
L2408651-08G	Vial H2SO4 preserved	B	NA		3.0	Y	Absent		TOC-9060(28)
L2408651-08H	Vial H2SO4 preserved	B	NA		3.0	Y	Absent		TOC-9060(28)
L2408651-08J	Plastic 250ml unpreserved	B	7	7	3.0	Y	Absent		SO4-9038(28),CL-4500(28),NO3-4500(2)
L2408651-08K	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	3.0	Y	Absent		SUB-SULFIDE()
L2408651-08L	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	3.0	Y	Absent		SUB-SULFIDE()
L2408651-08M	Plastic 250ml unpreserved	B	7	7	3.0	Y	Absent		-
L2408651-08N	Plastic 250ml HNO3 preserved	B	<2	<2	3.0	Y	Absent		FE-6020T(180),MN-6020T(180),AS-6020T(180)
L2408651-08O	Amber 250ml unpreserved	B	7	7	3.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2408651-08P	Amber 250ml unpreserved	B	7	7	3.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2408651-08X	Plastic 120ml HNO3 preserved Filtrates	B	NA		3.0	Y	Absent		MN-6020S(180),FE-6020S(180),AS-6020S(180)
L2408651-09A	Vial HCl preserved	C	NA		2.9	Y	Absent		NYTCL-8260(14)
L2408651-09B	Vial HCl preserved	C	NA		2.9	Y	Absent		NYTCL-8260(14)
L2408651-09C	Vial HCl preserved	C	NA		2.9	Y	Absent		NYTCL-8260(14)
L2408651-09D	20ml Vial HCl preserved	C	NA		2.9	Y	Absent		DISSGAS(14)
L2408651-09E	20ml Vial HCl preserved	C	NA		2.9	Y	Absent		DISSGAS(14)

*Values in parentheses indicate holding time in days

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20

Lab Number: L2408651
Report Date: 02/27/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2408651-09F	Vial H2SO4 preserved	C	NA		2.9	Y	Absent		TOC-9060(28)
L2408651-09G	Vial H2SO4 preserved	C	NA		2.9	Y	Absent		TOC-9060(28)
L2408651-09H	Vial H2SO4 preserved	C	NA		2.9	Y	Absent		TOC-9060(28)
L2408651-09J	Plastic 250ml unpreserved	C	7	7	2.9	Y	Absent		SO4-9038(28),CL-4500(28),NO3-4500(2)
L2408651-09K	Plastic 250ml Zn Acetate/NaOH preserved	C	>9	>9	2.9	Y	Absent		SUB-SULFIDE()
L2408651-09L	Plastic 250ml Zn Acetate/NaOH preserved	C	>9	>9	2.9	Y	Absent		SUB-SULFIDE()
L2408651-09M	Plastic 250ml unpreserved	C	7	7	2.9	Y	Absent		-
L2408651-09N	Plastic 250ml HNO3 preserved	C	<2	<2	2.9	Y	Absent		FE-6020T(180),MN-6020T(180),AS-6020T(180)
L2408651-09O	Amber 250ml unpreserved	C	7	7	2.9	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2408651-09P	Amber 250ml unpreserved	C	7	7	2.9	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2408651-09X	Plastic 120ml HNO3 preserved Filtrates	C	NA		2.9	Y	Absent		MN-6020S(180),FE-6020S(180),AS-6020S(180)
L2408651-10A	Vial HCl preserved	C	NA		2.9	Y	Absent		NYTCL-8260(14)
L2408651-10B	Vial HCl preserved	C	NA		2.9	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	STANDARD MOTOR PRODUCTS	**Lab Number:**	L2408651
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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: DU Report with 'J' Qualifiers

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Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

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Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	STANDARD MOTOR PRODUCTS	**Lab Number:**	L2408651
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REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

117 Technical Guidance for the Natural Attenuation Indicators: Methane, Ethane, and Ethene, EPA-NE, Revision 1, February 21, 2002 and Sample Preparation & Calculations for Dissolved Gas Analysis in Water Samples using a GC Headspace Equilibration Technique, EPA RSKSOP-175, Revision 2, May 2004.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 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 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 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).
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.

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of 1

Date Rec'd in Lab: 2/16/24

ALPHA Job #: L2408651

Client Information

Client: GZA GeoEnvironmental
Address: 55 Lane Rd, Ste 401
Fairfield, NJ 07004
Phone: 973-774-3305
Fax:
Email: Bhavnesh.Parekh@gza.com

Project Information

Project Name: Stellantis Motor Products
Project Location: 37-18 Northern Blvd, Long Island City, NY
Project #: 12.0076726.20
(Use Project name as Project #)
Project Manager: Bhavnesh Parekh
ALPHAQuote #: 75019

Turn-Around Time

Standard: X
Rush (only if pre approved):
Due Date:
# of Days:

Deliverables

ASP-A
ASP-B
EQuIS (1 File)
EQuIS (4 File): X
Other

Regulatory Requirement

NY TOGS
NY Part 375
AWQ Standards: X
NY CP-51
NY Restricted Use
Other
NY Unrestricted Use
NYC Sewer Discharge

Billing Information

Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
NJ
NY
Other:

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:
Issues please email Morgan.McRae@gza.com

Please specify Metals or TAL.

ANALYSIS

VOCs (8260C)
6NYCRR Part 375 Target Compound List (8260C)
Anions (Chloride, Sulfate) (300.0)
Sulfide (SM4500S2-D)
TOC (9060)
Cyanide, Total (SM4500CN-E)
Total Metals (6010D)
Dissolved Metals (6010D)
Hold

Sample Filtration
Done
Lab to do
Preservation
Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Sample Specific Comments
08651-01	SMP-10	2/15/24	13:40	GW	MW	
-02	SMP-15	2/15/24	14:12	GW	DR	
-03	SMP-16	2/15/24	13:10	GW	TR	
-04	SMP-17	2/15/24	16:18	GW	TR	
-05	SMP-18	2/15/24	15:15	GW	TR	
-06	SMP-19	2/15/24	17:32	GW	MW	
-07	SMP-20	2/15/24	15:40	GW	MW	
-08	SMP-DUP	2/15/24	17:53	GW	MW	
-09	SMP-FB	2/15/24	18:05	FB	RM	
-10	TB	2/14/24	—	TB	—	

Container Type
Preservative

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code:
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
[illegible]	2/16/24	MDR	9/16 9:10
MDR	2/16 15:00	Paul Mazzella	2/16/24 16:40
Paul Mazzella	2/16/24	[illegible]	2/16/24 2040
[illegible]	2/16/24 2240	[illegible]	2/16/24 20:40

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

February 23, 2024

Reports
Alpha Analytical
8 Walkup Drive
Westborough, MA 01581

RE: Project: L2408651
Pace Project No.: 70287846

Dear Reports:

Enclosed are the analytical results for sample(s) received by the laboratory on February 20, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Melville

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

Sincerely,

Matthew T. Nemeth
matthew.nemeth@pacelabs.com
516-370-6042
Project Manager

Enclosures

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

CERTIFICATIONS

Project: L2408651
Pace Project No.: 70287846

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

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Melville, NY 11747
516-370-6000

SAMPLE SUMMARY

Project: L2408651
Pace Project No.: 70287846

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70287846001	**SMP-10**	Water	02/15/24 13:40	02/20/24 08:15
70287846002	**SMP-115**	Water	02/15/24 14:12	02/20/24 08:15
70287846003	**SMP-16**	Water	02/15/24 13:10	02/20/24 08:15
70287846004	**SMP-17**	Water	02/15/24 16:18	02/20/24 08:15
70287846005	**SMP-18**	Water	02/15/24 15:15	02/20/24 08:15
70287846006	**SMP-19**	Water	02/15/24 17:32	02/20/24 08:15
70287846007	**SMP-20**	Water	02/15/24 15:40	02/20/24 08:15
70287846008	**SMP-DUP**	Water	02/15/24 17:53	02/20/24 08:15
70287846009	**SMP-FB**	Water	02/15/24 18:05	02/20/24 08:15

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SAMPLE ANALYTE COUNT

Project: L2408651
Pace Project No.: 70287846

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70287846001	**SMP-10**	SM22 4500-S2 F	JWM	1
70287846002	**SMP-115**	SM22 4500-S2 F	JWM	1
70287846003	**SMP-16**	SM22 4500-S2 F	JWM	1
70287846004	**SMP-17**	SM22 4500-S2 F	JWM	1
70287846005	**SMP-18**	SM22 4500-S2 F	JWM	1
70287846006	**SMP-19**	SM22 4500-S2 F	JWM	1
70287846007	**SMP-20**	SM22 4500-S2 F	JWM	1
70287846008	**SMP-DUP**	SM22 4500-S2 F	JWM	1
70287846009	**SMP-FB**	SM22 4500-S2 F	JWM	1

PACE-MV = Pace Analytical Services - Melville

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ANALYTICAL RESULTS

Project: L2408651
Pace Project No.: 70287846

Sample: SMP-10 **Lab ID: 70287846001** Collected: 02/15/24 13:40 Received: 02/20/24 08:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
4500S2F W Sulfide Iodometric	Analytical Method: SM22 4500-S2 F Pace Analytical Services - Melville								
Sulfide	**<2.0**	mg/L	2.0	0.20	1		02/22/24 16:42		

REPORT OF LABORATORY ANALYSIS

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Melville, NY 11747
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ANALYTICAL RESULTS

Project: L2408651
Pace Project No.: 70287846

Sample: SMP-115 **Lab ID: 70287846002** Collected: 02/15/24 14:12 Received: 02/20/24 08:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
4500S2F W Sulfide Iodometric	Analytical Method: SM22 4500-S2 F Pace Analytical Services - Melville								
Sulfide	**<2.0**	mg/L	2.0	0.20	1		02/22/24 16:45		

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ANALYTICAL RESULTS

Project: L2408651
Pace Project No.: 70287846

Sample: SMP-16 **Lab ID: 70287846003** Collected: 02/15/24 13:10 Received: 02/20/24 08:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
4500S2F W Sulfide Iodometric	Analytical Method: SM22 4500-S2 F Pace Analytical Services - Melville								
Sulfide	**<2.0**	mg/L	2.0	0.20	1		02/22/24 16:47		

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ANALYTICAL RESULTS

Project: L2408651
Pace Project No.: 70287846

Sample: SMP-17 **Lab ID: 70287846004** Collected: 02/15/24 16:18 Received: 02/20/24 08:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
4500S2F W Sulfide Iodometric	Analytical Method: SM22 4500-S2 F Pace Analytical Services - Melville								
Sulfide	**<2.0**	mg/L	2.0	0.20	1		02/22/24 16:50		

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ANALYTICAL RESULTS

Project: L2408651
Pace Project No.: 70287846

Sample: SMP-18 **Lab ID: 70287846005** Collected: 02/15/24 15:15 Received: 02/20/24 08:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
4500S2F W Sulfide Iodometric	Analytical Method: SM22 4500-S2 F Pace Analytical Services - Melville								
Sulfide	**<2.0**	mg/L	2.0	0.20	1		02/22/24 16:52		

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Melville, NY 11747
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ANALYTICAL RESULTS

Project: L2408651
Pace Project No.: 70287846

Sample: SMP-19 **Lab ID: 70287846006** Collected: 02/15/24 17:32 Received: 02/20/24 08:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
4500S2F W Sulfide Iodometric	Analytical Method: SM22 4500-S2 F Pace Analytical Services - Melville								
Sulfide	**<2.0**	mg/L	2.0	0.20	1		02/22/24 16:54		

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Melville, NY 11747
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ANALYTICAL RESULTS

Project: L2408651
Pace Project No.: 70287846

Sample: SMP-20 **Lab ID: 70287846007** Collected: 02/15/24 15:40 Received: 02/20/24 08:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
4500S2F W Sulfide Iodometric	Analytical Method: SM22 4500-S2 F Pace Analytical Services - Melville								
Sulfide	**<2.0**	mg/L	2.0	0.20	1		02/22/24 16:56		

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Melville, NY 11747
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ANALYTICAL RESULTS

Project: L2408651
Pace Project No.: 70287846

Sample: SMP-DUP **Lab ID: 70287846008** Collected: 02/15/24 17:53 Received: 02/20/24 08:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
4500S2F W Sulfide Iodometric	Analytical Method: SM22 4500-S2 F Pace Analytical Services - Melville								
Sulfide	**<2.0**	mg/L	2.0	0.20	1		02/22/24 16:58		

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ANALYTICAL RESULTS

Project: L2408651
Pace Project No.: 70287846

Sample: SMP-FB **Lab ID: 70287846009** Collected: 02/15/24 18:05 Received: 02/20/24 08:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
4500S2F W Sulfide Iodometric	Analytical Method: SM22 4500-S2 F Pace Analytical Services - Melville								
Sulfide	**<2.0**	mg/L	2.0	0.20	1		02/22/24 17:02		

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QUALITY CONTROL DATA

Project: L2408651
Pace Project No.: 70287846

QC Batch: 338397
QC Batch Method: SM22 4500-S2 F
Analysis Method: SM22 4500-S2 F
Analysis Description: 4500S2F W Sulfide Iodometric
Laboratory: Pace Analytical Services - Melville
Associated Lab Samples: 70287846001, 70287846002, 70287846003, 70287846004, 70287846005, 70287846006, 70287846007, 70287846008, 70287846009

METHOD BLANK: 1740477 Matrix: Water
Associated Lab Samples: 70287846001, 70287846002, 70287846003, 70287846004, 70287846005, 70287846006, 70287846007, 70287846008, 70287846009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfide	mg/L	ND	2.0	0.20	02/22/24 16:37	

LABORATORY CONTROL SAMPLE & LCSD: 1740478 1740479

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Sulfide	mg/L	14	14.0	14.0	100	100	85-115	0	20	

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

REPORT OF LABORATORY ANALYSIS

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575 Broad Hollow Road
Melville, NY 11747
516-370-6000

QUALIFIERS

Project: L2408651
Pace Project No.: 70287846

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

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

TNI - The NELAC Institute.

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575 Broad Hollow Road
Melville, NY 11747
516-370-6000

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: L2408651
Pace Project No.: 70287846

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70287846001	**SMP-10**	SM22 4500-S2 F	338397		
70287846002	**SMP-115**	SM22 4500-S2 F	338397		
70287846003	**SMP-16**	SM22 4500-S2 F	338397		
70287846004	**SMP-17**	SM22 4500-S2 F	338397		
70287846005	**SMP-18**	SM22 4500-S2 F	338397		
70287846006	**SMP-19**	SM22 4500-S2 F	338397		
70287846007	**SMP-20**	SM22 4500-S2 F	338397		
70287846008	**SMP-DUP**	SM22 4500-S2 F	338397		
70287846009	**SMP-FB**	SM22 4500-S2 F	338397		

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WO#: 70287846

70287846

Subcontract Chain of Custody

Pace Analytical (Melville)
575 Broad Hollow Road
Melville, NY 11747

Alpha Job Number
L2408651

Client Information	Project Information	Regulatory Requirements/Report Limits
Client: Alpha Analytical Labs Address: Eight Walkup Drive Westborough, MA 01581-1019 Phone: 201.812.9072 Email: cromero@alphalab.com	Project Location: NY Project Manager: Cynthia Romero **Turnaround & Deliverables Information** Due Date: Deliverables:	State/Federal Program: Regulatory Criteria:

Project Specific Requirements and/or Report Requirements

Reference following Alpha Job Number on final report/deliverables: L2408651

Report to include Method Blank, LCS/LCSD:

Additional Comments: Send all results/reports to subreports@alphalab.com

Lab ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Batch QC
	SMP-10	02-15-24 13:40	WATER	Sulfide	
	SMP-115	02-15-24 14:12	WATER	Sulfide	
	SMP-16	02-15-24 13:10	WATER	Sulfide	
	SMP-17	02-15-24 16:18	WATER	Sulfide	
	SMP-18	02-15-24 15:15	WATER	Sulfide	
	SMP-19	02-15-24 17:32	WATER	Sulfide	
	SMP-20	02-15-24 15:40	WATER	Sulfide	
	SMP-DUP	02-15-24 17:53	WATER	Sulfide	
	SMP-FB	02-15-24 18:05	WATER	Sulfide	

	Relinquished By:	Date/Time:	Received By:	Date/Time:
			AL	2/19 730
	AL	2/19 22:00		2/19/24 22:05
		2/19/24	Pace - Pace	2/20 4:10
Form No: AL_subcoc	Pace - Pace	2/20/24 5:15		2/20/24 8:15

Serial_No:02272415:42

DC#_Title: ENV-FRM-MELV-0024 v04_SCUR
Effective Date: 10/13/2023

WO#: 70287846
PM: MN2 Due Date: 02/27/24
CLIENT: ALPHA

Client Name: ALPHA Project #

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

Tracking #:

Custody Seal on Cooler/Box Present: ☐Yes ☑No Seals intact: ☐ Yes ☑ No Temperature Blank Present: ☐ Yes ☑ No
Packing Material: ☐ Bubble Wrap☐ Bubble Bags☐ Ziplo☑ None☐ Other Type of Ice: Wet Blue None

Thermometer Used: T1211 Correction Factor: ~~+0.4~~ +0.5 ☐ Samples on ice, cooling process has begun
Cooler Temperature(°C): +6.4 Cooler Temperature Corrected(°C) ~~6.4~~ 6.9 Date/Time 5035A kits placed in freezer
Temp should be above freezing to 6.0°C

USDA Regulated Soil (☑ N/A, water sample) JH 2/20/24

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

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

If Yes to either question, fill out a Regulated Soil Checklist (ENV-FRM-MELV-0076) and include with SCUR/COC paperwork.

Date and Initials of person examining contents: JH1 2/20/24

				COMMENTS:
Chain of Custody Present:	☑Yes	☐No		1.
Chain of Custody Filled Out:	☑Yes	☐No		2.
Chain of Custody Relinquished:	☑Yes	☐No		3.
Sampler Name & Signature on COC:	☑Yes	☐No	☐N/A	4.
Samples Arrived within Hold Time:	☑Yes	☐No		5.
*Short Hold Time Analysis (<72hr):	☐Yes	☑No		6.
Rush Turn Around Time Requested	☐Yes	☑No		7.
Sufficient Volume: (Triple volume provided for MS/MSD)	☑Yes	☐No		8.
Correct Containers Used:	☑Yes	☐No		9.
-Pace Containers Used:	☑Yes	☐No		
Containers Intact:	☑Yes	☐No		10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☑N/A	11. Note: if sediment is visible in the dissolved container.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: SL WT OIL OTHER	☑Yes	☐No		12.

Date and Initials of person checking preservation: JH1 2/20/24

All containers needing preservation have been checked.	☑Yes	☐No	☐N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
pH paper Lot # 211821A				Sample #
All containers needing preservation are found to be in compliance with method recommendation? (HNO_3, H_2SO_4, HCl, NaOH>9 Sulfide, NAOH>12 Cyanide)	☑Yes	☐No	☐N/A	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis				Initial when completed: / Lot # of added preservative: / Date/Time preservative added:
Samples checked for dechlorination:	☐Yes	☐No	☑N/A	14.
KI starch test strips Lot #				
Residual chlorine strips Lot #				Positive for Res. Chlorine? Y N
SM 4500 CN samples checked for sul	☑Yes	☐No	☐N/A	15.
Lead Acetate Strips Lot # 14-862				Positive for Sulfide? Y N
Headspace in VOA Vials (>6mm):	☐Yes	☐No	☑N/A	16.
Trip Blank Present:	☐Yes	☐No	☑N/A	17.
Trip Blank Custody Seals Present	☐Yes	☐No	☑N/A	

DATE AND INITIALS OF PERSON COMPLETING SECOND REVIEW : JH 2/20/24

Client Notification/ Resolution: Field Data Required? Y / N
Person Contacted: Date/Time:
Comments/ Resolution:

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

ANALYTICAL REPORT

Lab Number:	L2425158
Client:	GZA GeoEnvironmental, Inc. 55 Lane Road Suite 407 Fairfield, NJ 07004
ATTN:	Bhuvnesh Parekh
Phone:	(973) 774-3300
Project Name:	SMP
Project Number:	12.0076761.20
Report Date:	06/04/24

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425158
Report Date: 06/04/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2425158-01	SMP-MW-11S	WATER	3718 NORTHERN BLVD, QUEENS, NY	05/07/24 13:20	05/07/24
L2425158-02	SMP-MW-20	WATER	3718 NORTHERN BLVD, QUEENS, NY	05/07/24 10:30	05/07/24
L2425158-03	SMP-MW-18	WATER	3718 NORTHERN BLVD, QUEENS, NY	05/07/24 12:10	05/07/24
L2425158-04	DUP	WATER	3718 NORTHERN BLVD, QUEENS, NY	05/07/24 13:35	05/07/24
L2425158-05	SMP-MW-19	WATER	3718 NORTHERN BLVD, QUEENS, NY	05/07/24 12:05	05/07/24
L2425158-06	SMP-MW-10	WATER	3718 NORTHERN BLVD, QUEENS, NY	05/07/24 10:20	05/07/24
L2425158-07	SMP-MW-17	WATER	3718 NORTHERN BLVD, QUEENS, NY	05/07/24 14:40	05/07/24
L2425158-08	TRIP BLANK	WATER	3718 NORTHERN BLVD, QUEENS, NY	05/05/24 00:00	05/07/24
L2425158-09	FIELD BLANK	WATER	3718 NORTHERN BLVD, QUEENS, NY	05/07/24 17:45	05/07/24

Project Name:	SMP	**Lab Number:**	L2425158
Project Number:	12.0076761.20	**Report Date:**	06/04/24

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:	SMP	**Lab Number:**	L2425158
Project Number:	12.0076761.20	**Report Date:**	06/04/24

Case Narrative (continued)

Report Submission

June 04, 2024: This final report includes the results of all requested analyses.

May 15, 2024: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

The analyses of Sulfide and Dissolved Gases were subcontracted. A copy of the laboratory report is included as an addendum. Please note: This data is only available in PDF format and is not available on Data Merger.

Sample Receipt

L2425158-02: At the client's request, the Volatile Organics analysis was cancelled.

L2425158-02 and -03: The container for Total Organic Carbon was received empty; therefore, the analysis could not be performed.

L2425158-03: The container for Dissolved Gases was received empty; therefore, the analysis could not be performed.

L2425158-03: Headspace was noted in the sample containers submitted for Volatile Organics. The analysis was cancelled at the client's request.

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: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 06/04/24

ORGANICS

VOLATILES

Project Name: SMP **Lab Number:** L2425158

Project Number: 12.0076761.20 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-01
Client ID: SMP-MW-11S
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 05/07/24 13:20
Date Received: 05/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/11/24 02:37
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.99	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2425158

Project Number: 12.0076761.20 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-01 Date Collected: 05/07/24 13:20

Client ID: SMP-MW-11S Date Received: 05/07/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.85		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	0.37	J	ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	8.5		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	8.5		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2425158

Project Number: 12.0076761.20 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-01 Date Collected: 05/07/24 13:20

Client ID: SMP-MW-11S Date Received: 05/07/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	99		70-130

Project Name: SMP **Lab Number:** L2425158

Project Number: 12.0076761.20 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-04
Client ID: DUP
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 05/07/24 13:35
Date Received: 05/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/11/24 01:53
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	1.0		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2425158

Project Number: 12.0076761.20 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-04 Date Collected: 05/07/24 13:35

Client ID: DUP Date Received: 05/07/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.93		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	0.41	J	ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	9.2		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	9.2		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2425158

Project Number: 12.0076761.20 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-04 Date Collected: 05/07/24 13:35

Client ID: DUP Date Received: 05/07/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	100		70-130

Project Name: SMP **Lab Number:** L2425158

Project Number: 12.0076761.20 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-05
Client ID: SMP-MW-19
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 05/07/24 12:05
Date Received: 05/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/11/24 01:31
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.26	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2425158

Project Number: 12.0076761.20 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-05 Date Collected: 05/07/24 12:05

Client ID: SMP-MW-19 Date Received: 05/07/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	0.74	J	ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	0.74	J	ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2425158

Project Number: 12.0076761.20 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-05 Date Collected: 05/07/24 12:05

Client ID: SMP-MW-19 Date Received: 05/07/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	100		70-130

Project Name: SMP **Lab Number:** L2425158

Project Number: 12.0076761.20 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-06
Client ID: SMP-MW-10
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 05/07/24 10:20
Date Received: 05/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/12/24 20:11
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	3.0		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	13		ug/l	0.50	0.16	1
Toluene	13		ug/l	2.5	0.70	1
Ethylbenzene	4.4		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2425158

Project Number: 12.0076761.20 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-06 Date Collected: 05/07/24 10:20

Client ID: SMP-MW-10 Date Received: 05/07/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	0.71	J	ug/l	2.5	0.17	1
p/m-Xylene	12		ug/l	2.5	0.70	1
o-Xylene	1.0	J	ug/l	2.5	0.70	1
Xylenes, Total	13	J	ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	5.7		ug/l	2.5	0.70	1
sec-Butylbenzene	3.9		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	37		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	6.1		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2425158

Project Number: 12.0076761.20 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-06 Date Collected: 05/07/24 10:20

Client ID: SMP-MW-10 Date Received: 05/07/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	80		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	12		ug/l	2.0	0.70	1
p-Ethyltoluene	2.5		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	63		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	80		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	74		70-130

Project Name: SMP **Lab Number:** L2425158

Project Number: 12.0076761.20 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-07
Client ID: SMP-MW-17
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 05/07/24 14:40
Date Received: 05/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/11/24 01:09
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.22	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2425158

Project Number: 12.0076761.20 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-07 Date Collected: 05/07/24 14:40

Client ID: SMP-MW-17 Date Received: 05/07/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	0.21	J	ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	1.0	J	ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	1.0	J	ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2425158

Project Number: 12.0076761.20 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-07 Date Collected: 05/07/24 14:40

Client ID: SMP-MW-17 Date Received: 05/07/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	100		70-130

Project Name: SMP **Lab Number:** L2425158

Project Number: 12.0076761.20 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-08
Client ID: TRIP BLANK
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 05/05/24 00:00
Date Received: 05/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/11/24 00:47
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2425158

Project Number: 12.0076761.20 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-08 Date Collected: 05/05/24 00:00

Client ID: TRIP BLANK Date Received: 05/07/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2425158

Project Number: 12.0076761.20 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-08 Date Collected: 05/05/24 00:00

Client ID: TRIP BLANK Date Received: 05/07/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	99		70-130

Project Name: SMP **Lab Number:** L2425158

Project Number: 12.0076761.20 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-09
Client ID: FIELD BLANK
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 05/07/24 17:45
Date Received: 05/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/11/24 00:26
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2425158

Project Number: 12.0076761.20 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-09 Date Collected: 05/07/24 17:45

Client ID: FIELD BLANK Date Received: 05/07/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2425158

Project Number: 12.0076761.20 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-09 Date Collected: 05/07/24 17:45

Client ID: FIELD BLANK Date Received: 05/07/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	98		70-130

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2425158
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/10/24 19:51
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,04-05,07-09 Batch: WG1919977-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2425158
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/10/24 19:51
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,04-05,07-09 Batch: WG1919977-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2425158
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/10/24 19:51
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,04-05,07-09 Batch: WG1919977-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	99		70-130

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2425158
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/12/24 19:21
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1920354-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2425158
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/12/24 19:21
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1920354-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2425158
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/12/24 19:21
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1920354-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	109		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425158
Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04-05,07-09 Batch: WG1919977-3 WG1919977-4								
Methylene chloride	93		100		70-130	7		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	96		100		70-130	4		20
Carbon tetrachloride	88		94		63-132	7		20
1,2-Dichloropropane	99		110		70-130	11		20
Dibromochloromethane	82		88		63-130	7		20
1,1,2-Trichloroethane	93		100		70-130	7		20
Tetrachloroethene	85		89		70-130	5		20
Chlorobenzene	95		100		75-130	5		20
Trichlorofluoromethane	89		96		62-150	8		20
1,2-Dichloroethane	96		100		70-130	4		20
1,1,1-Trichloroethane	90		98		67-130	9		20
Bromodichloromethane	90		99		67-130	10		20
trans-1,3-Dichloropropene	86		92		70-130	7		20
cis-1,3-Dichloropropene	86		93		70-130	8		20
1,1-Dichloropropene	92		98		70-130	6		20
Bromoform	78		85		54-136	9		20
1,1,2,2-Tetrachloroethane	96		110		67-130	14		20
Benzene	97		100		70-130	3		20
Toluene	96		100		70-130	4		20
Ethylbenzene	100		110		70-130	10		20
Chloromethane	88		95		64-130	8		20
Bromomethane	44		50		39-139	13		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425158
Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04-05,07-09 Batch: WG1919977-3 WG1919977-4								
Vinyl chloride	91		98		55-140	7		20
Chloroethane	98		100		55-138	2		20
1,1-Dichloroethene	86		93		61-145	8		20
trans-1,2-Dichloroethene	89		94		70-130	5		20
Trichloroethene	89		93		70-130	4		20
1,2-Dichlorobenzene	93		100		70-130	7		20
1,3-Dichlorobenzene	95		100		70-130	5		20
1,4-Dichlorobenzene	95		100		70-130	5		20
Methyl tert butyl ether	83		95		63-130	13		20
p/m-Xylene	95		105		70-130	10		20
o-Xylene	95		105		70-130	10		20
cis-1,2-Dichloroethene	94		99		70-130	5		20
Dibromomethane	91		99		70-130	8		20
1,2,3-Trichloropropane	97		110		64-130	13		20
Acrylonitrile	96		110		70-130	14		20
Styrene	95		105		70-130	10		20
Dichlorodifluoromethane	78		84		36-147	7		20
Acetone	100		120		58-148	18		20
Carbon disulfide	80		82		51-130	2		20
2-Butanone	89		110		63-138	**21**	Q	20
Vinyl acetate	97		110		70-130	13		20
4-Methyl-2-pentanone	82		100		59-130	20		20
2-Hexanone	88		110		57-130	**22**	Q	20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425158
Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04-05,07-09 Batch: WG1919977-3 WG1919977-4								
Bromochloromethane	87		95		70-130	9		20
2,2-Dichloropropane	86		93		63-133	8		20
1,2-Dibromoethane	88		94		70-130	7		20
1,3-Dichloropropane	96		100		70-130	4		20
1,1,1,2-Tetrachloroethane	82		88		64-130	7		20
Bromobenzene	93		100		70-130	7		20
n-Butylbenzene	97		100		53-136	3		20
sec-Butylbenzene	100		110		70-130	10		20
tert-Butylbenzene	98		110		70-130	12		20
o-Chlorotoluene	100		110		70-130	10		20
p-Chlorotoluene	100		110		70-130	10		20
1,2-Dibromo-3-chloropropane	74		90		41-144	20		20
Hexachlorobutadiene	88		89		63-130	1		20
Isopropylbenzene	100		110		70-130	10		20
p-Isopropyltoluene	94		100		70-130	6		20
Naphthalene	83		94		70-130	12		20
n-Propylbenzene	100		110		69-130	10		20
1,2,3-Trichlorobenzene	88		95		70-130	8		20
1,2,4-Trichlorobenzene	86		94		70-130	9		20
1,3,5-Trimethylbenzene	93		100		64-130	7		20
1,2,4-Trimethylbenzene	93		100		70-130	7		20
1,4-Dioxane	86		92		56-162	7		20
p-Diethylbenzene	88		96		70-130	9		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425158
Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04-05,07-09 Batch: WG1919977-3 WG1919977-4								
p-Ethyltoluene	99		110		70-130	11		20
1,2,4,5-Tetramethylbenzene	92		100		70-130	8		20
Ethyl ether	89		98		59-134	10		20
trans-1,4-Dichloro-2-butene	82		90		70-130	9		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		104		70-130
Toluene-d8	99		98		70-130
4-Bromofluorobenzene	102		103		70-130
Dibromofluoromethane	92		94		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425158
Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1920354-3 WG1920354-4								
Methylene chloride	100		90		70-130	11		20
1,1-Dichloroethane	100		92		70-130	8		20
Chloroform	100		96		70-130	4		20
Carbon tetrachloride	110		100		63-132	10		20
1,2-Dichloropropane	94		94		70-130	0		20
Dibromochloromethane	94		92		63-130	2		20
1,1,2-Trichloroethane	88		85		70-130	3		20
Tetrachloroethene	120		110		70-130	9		20
Chlorobenzene	100		99		75-130	1		20
Trichlorofluoromethane	110		97		62-150	13		20
1,2-Dichloroethane	92		89		70-130	3		20
1,1,1-Trichloroethane	100		97		67-130	3		20
Bromodichloromethane	94		91		67-130	3		20
trans-1,3-Dichloropropene	87		84		70-130	4		20
cis-1,3-Dichloropropene	97		92		70-130	5		20
1,1-Dichloropropene	100		97		70-130	3		20
Bromoform	100		100		54-136	0		20
1,1,2,2-Tetrachloroethane	98		99		67-130	1		20
Benzene	96		90		70-130	6		20
Toluene	100		94		70-130	6		20
Ethylbenzene	100		96		70-130	4		20
Chloromethane	**59**	Q	**51**	Q	64-130	15		20
Bromomethane	**32**	Q	**29**	Q	39-139	10		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425158
Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1920354-3 WG1920354-4								
Vinyl chloride	69		60		55-140	14		20
Chloroethane	77		67		55-138	14		20
1,1-Dichloroethene	110		98		61-145	12		20
trans-1,2-Dichloroethene	110		97		70-130	13		20
Trichloroethene	97		93		70-130	4		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	100		100		63-130	0		20
p/m-Xylene	100		95		70-130	5		20
o-Xylene	100		95		70-130	5		20
cis-1,2-Dichloroethene	110		99		70-130	11		20
Dibromomethane	100		96		70-130	4		20
1,2,3-Trichloropropane	91		92		64-130	1		20
Acrylonitrile	85		81		70-130	5		20
Styrene	100		95		70-130	5		20
Dichlorodifluoromethane	94		83		36-147	12		20
Acetone	78		71		58-148	9		20
Carbon disulfide	84		77		51-130	9		20
2-Butanone	78		75		63-138	4		20
Vinyl acetate	100		100		70-130	0		20
4-Methyl-2-pentanone	79		83		59-130	5		20
2-Hexanone	65		68		57-130	5		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SMP

Project Number: 12.0076761.20

Lab Number: L2425158

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1920354-3 WG1920354-4								
Bromochloromethane	120		110		70-130	9		20
2,2-Dichloropropane	110		100		63-133	10		20
1,2-Dibromoethane	100		97		70-130	3		20
1,3-Dichloropropane	94		91		70-130	3		20
1,1,1,2-Tetrachloroethane	98		95		64-130	3		20
Bromobenzene	110		100		70-130	10		20
n-Butylbenzene	100		98		53-136	2		20
sec-Butylbenzene	100		99		70-130	1		20
tert-Butylbenzene	100		99		70-130	1		20
o-Chlorotoluene	95		93		70-130	2		20
p-Chlorotoluene	94		90		70-130	4		20
1,2-Dibromo-3-chloropropane	94		93		41-144	1		20
Hexachlorobutadiene	130		120		63-130	8		20
Isopropylbenzene	100		97		70-130	3		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	97		95		70-130	2		20
n-Propylbenzene	98		95		69-130	3		20
1,2,3-Trichlorobenzene	110		110		70-130	0		20
1,2,4-Trichlorobenzene	110		110		70-130	0		20
1,3,5-Trimethylbenzene	100		97		64-130	3		20
1,2,4-Trimethylbenzene	100		96		70-130	4		20
1,4-Dioxane	98		86		56-162	13		20
p-Diethylbenzene	100		97		70-130	3		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425158
Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1920354-3 WG1920354-4								
p-Ethyltoluene	99		95		70-130	4		20
1,2,4,5-Tetramethylbenzene	97		95		70-130	2		20
Ethyl ether	99		100		59-134	1		20
trans-1,4-Dichloro-2-butene	**69**	Q	**67**	Q	70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		91		70-130
Toluene-d8	95		95		70-130
4-Bromofluorobenzene	90		91		70-130
Dibromofluoromethane	105		100		70-130

SEMIVOLATILES

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2425158
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-01
Client ID: SMP-MW-11S
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 05/07/24 13:20
Date Received: 05/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/14/24 16:15
Analyst: CSP

Extraction Method: EPA 3510C
Extraction Date: 05/09/24 20:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	833.		ng/l	147	33.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	33		15-110

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2425158
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-02
Client ID: SMP-MW-20
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 05/07/24 10:30
Date Received: 05/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/14/24 16:39
Analyst: CSP

Extraction Method: EPA 3510C
Extraction Date: 05/09/24 20:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	332.		ng/l	147	33.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	37		15-110

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2425158
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-03
Client ID: SMP-MW-18
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 05/07/24 12:10
Date Received: 05/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/14/24 17:03
Analyst: CSP

Extraction Method: EPA 3510C
Extraction Date: 05/09/24 20:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	564.		ng/l	156	35.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	35		15-110

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425158
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-04
Client ID: DUP
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 05/07/24 13:35
Date Received: 05/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/14/24 17:27
Analyst: CSP

Extraction Method: EPA 3510C
Extraction Date: 05/09/24 20:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	727.		ng/l	136	30.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	40		15-110

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2425158
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-05
Client ID: SMP-MW-19
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 05/07/24 12:05
Date Received: 05/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/14/24 17:52
Analyst: CSP

Extraction Method: EPA 3510C
Extraction Date: 05/09/24 20:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	194.		ng/l	136	30.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	41		15-110

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2425158
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-06
Client ID: SMP-MW-10
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 05/07/24 10:20
Date Received: 05/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/14/24 18:16
Analyst: CSP

Extraction Method: EPA 3510C
Extraction Date: 05/09/24 20:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	105.	J	ng/l	142	32.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	37		15-110

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2425158
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-07
Client ID: SMP-MW-17
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 05/07/24 14:40
Date Received: 05/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/14/24 18:40
Analyst: CSP

Extraction Method: EPA 3510C
Extraction Date: 05/09/24 20:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	333.		ng/l	150	33.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	44		15-110

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2425158
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-09
Client ID: FIELD BLANK
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 05/07/24 17:45
Date Received: 05/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/14/24 19:04
Analyst: CSP

Extraction Method: EPA 3510C
Extraction Date: 05/09/24 20:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	147	33.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	41		15-110

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425158
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/14/24 12:06
Analyst: CSP

Extraction Method: EPA 3510C
Extraction Date: 05/09/24 20:00

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 01-07,09 Batch: WG1919174-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	42		15-110

Lab Control Sample Analysis

Batch Quality Control

Project Name: SMP

Project Number: 12.0076761.20

Lab Number: L2425158

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab	Associated sample(s): 01-07,09		Batch: WG1919174-2 WG1919174-3					
1,4-Dioxane	110		108		40-140	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	40		43		15-110

METALS

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2425158
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-01
Client ID: SMP-MW-11S
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY
Date Collected: 05/07/24 13:20
Date Received: 05/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	05/10/24 22:46	05/12/24 15:36	EPA 3005A	1,6020B	WKP
Iron, Total	0.304		mg/l	0.0500	0.0191	1	05/10/24 22:46	05/12/24 15:36	EPA 3005A	1,6020B	WKP
Manganese, Total	2.852		mg/l	0.00100	0.00044	1	05/10/24 22:46	05/12/24 15:36	EPA 3005A	1,6020B	WKP
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	05/13/24 10:02	05/13/24 16:02	EPA 3005A	1,6020B	EJF
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	05/13/24 10:02	05/13/24 16:02	EPA 3005A	1,6020B	EJF
Manganese, Dissolved	2.814		mg/l	0.00100	0.00044	1	05/13/24 10:02	05/13/24 16:02	EPA 3005A	1,6020B	EJF

Project Name: SMP
Lab Number: L2425158
Project Number: 12.0076761.20
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-02
Client ID: SMP-MW-20
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY
Date Collected: 05/07/24 10:30
Date Received: 05/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	05/10/24 22:46	05/12/24 16:29	EPA 3005A	1,6020B	WKP
Iron, Total	0.444		mg/l	0.0500	0.0191	1	05/10/24 22:46	05/12/24 16:29	EPA 3005A	1,6020B	WKP
Manganese, Total	0.2576		mg/l	0.00100	0.00044	1	05/10/24 22:46	05/12/24 16:29	EPA 3005A	1,6020B	WKP
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	05/13/24 10:02	05/13/24 16:07	EPA 3005A	1,6020B	EJF
Iron, Dissolved	0.0555		mg/l	0.0500	0.0191	1	05/13/24 10:02	05/13/24 16:07	EPA 3005A	1,6020B	EJF
Manganese, Dissolved	0.2407		mg/l	0.00100	0.00044	1	05/13/24 10:02	05/13/24 16:07	EPA 3005A	1,6020B	EJF

Project Name: SMP **Lab Number:** L2425158

Project Number: 12.0076761.20 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-03 Date Collected: 05/07/24 12:10

Client ID: SMP-MW-18 Date Received: 05/07/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	05/10/24 22:46	05/12/24 16:34	EPA 3005A	1,6020B	WKP
Iron, Total	0.0974		mg/l	0.0500	0.0191	1	05/10/24 22:46	05/12/24 16:34	EPA 3005A	1,6020B	WKP
Manganese, Total	0.2459		mg/l	0.00100	0.00044	1	05/10/24 22:46	05/12/24 16:34	EPA 3005A	1,6020B	WKP
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	05/13/24 10:02	05/13/24 16:58	EPA 3005A	1,6020B	EJF
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	05/13/24 10:02	05/13/24 16:58	EPA 3005A	1,6020B	EJF
Manganese, Dissolved	0.2029		mg/l	0.00100	0.00044	1	05/13/24 10:02	05/13/24 16:58	EPA 3005A	1,6020B	EJF

Project Name: SMP **Lab Number:** L2425158

Project Number: 12.0076761.20 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-04 Date Collected: 05/07/24 13:35

Client ID: DUP Date Received: 05/07/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	05/10/24 22:46	05/12/24 16:38	EPA 3005A	1,6020B	WKP
Iron, Total	0.268		mg/l	0.0500	0.0191	1	05/10/24 22:46	05/12/24 16:38	EPA 3005A	1,6020B	WKP
Manganese, Total	2.793		mg/l	0.00100	0.00044	1	05/10/24 22:46	05/12/24 16:38	EPA 3005A	1,6020B	WKP
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	05/13/24 10:02	05/13/24 17:03	EPA 3005A	1,6020B	EJF
Iron, Dissolved	0.0244	J	mg/l	0.0500	0.0191	1	05/13/24 10:02	05/13/24 17:03	EPA 3005A	1,6020B	EJF
Manganese, Dissolved	2.728		mg/l	0.00100	0.00044	1	05/13/24 10:02	05/13/24 17:03	EPA 3005A	1,6020B	EJF

Project Name: SMP
Lab Number: L2425158
Project Number: 12.0076761.20
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-05
Client ID: SMP-MW-19
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY
Date Collected: 05/07/24 12:05
Date Received: 05/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.00018	J	mg/l	0.00050	0.00016	1	05/10/24 22:46	05/12/24 16:43	EPA 3005A	1,6020B	WKP
Iron, Total	0.687		mg/l	0.0500	0.0191	1	05/10/24 22:46	05/12/24 16:43	EPA 3005A	1,6020B	WKP
Manganese, Total	0.5988		mg/l	0.00100	0.00044	1	05/10/24 22:46	05/12/24 16:43	EPA 3005A	1,6020B	WKP
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	05/13/24 10:02	05/13/24 17:08	EPA 3005A	1,6020B	EJF
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	05/13/24 10:02	05/13/24 17:08	EPA 3005A	1,6020B	EJF
Manganese, Dissolved	0.3192		mg/l	0.00100	0.00044	1	05/13/24 10:02	05/13/24 17:08	EPA 3005A	1,6020B	EJF

Project Name: SMP **Lab Number:** L2425158

Project Number: 12.0076761.20 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-06 Date Collected: 05/07/24 10:20

Client ID: SMP-MW-10 Date Received: 05/07/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.00322		mg/l	0.00050	0.00016	1	05/10/24 22:46	05/12/24 16:48	EPA 3005A	1,6020B	WKP
Iron, Total	12.6		mg/l	0.0500	0.0191	1	05/10/24 22:46	05/12/24 16:48	EPA 3005A	1,6020B	WKP
Manganese, Total	1.068		mg/l	0.00100	0.00044	1	05/10/24 22:46	05/12/24 16:48	EPA 3005A	1,6020B	WKP
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	0.00118		mg/l	0.00050	0.00016	1	05/13/24 10:02	05/13/24 17:12	EPA 3005A	1,6020B	EJF
Iron, Dissolved	0.0254	J	mg/l	0.0500	0.0191	1	05/13/24 10:02	05/13/24 17:12	EPA 3005A	1,6020B	EJF
Manganese, Dissolved	1.007		mg/l	0.00100	0.00044	1	05/13/24 10:02	05/13/24 17:12	EPA 3005A	1,6020B	EJF

Project Name: SMP **Lab Number:** L2425158

Project Number: 12.0076761.20 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-07 Date Collected: 05/07/24 14:40

Client ID: SMP-MW-17 Date Received: 05/07/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.00017	J	mg/l	0.00050	0.00016	1	05/10/24 22:46	05/12/24 16:52	EPA 3005A	1,6020B	WKP
Iron, Total	0.0565		mg/l	0.0500	0.0191	1	05/10/24 22:46	05/12/24 16:52	EPA 3005A	1,6020B	WKP
Manganese, Total	0.5798		mg/l	0.00100	0.00044	1	05/10/24 22:46	05/12/24 16:52	EPA 3005A	1,6020B	WKP
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	05/13/24 10:02	05/13/24 17:17	EPA 3005A	1,6020B	EJF
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	05/13/24 10:02	05/13/24 17:17	EPA 3005A	1,6020B	EJF
Manganese, Dissolved	0.4198		mg/l	0.00100	0.00044	1	05/13/24 10:02	05/13/24 17:17	EPA 3005A	1,6020B	EJF

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2425158
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-09
Client ID: FIELD BLANK
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY
Date Collected: 05/07/24 17:45
Date Received: 05/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	05/10/24 22:46	05/12/24 16:15	EPA 3005A	1,6020B	WKP
Iron, Total	ND		mg/l	0.0500	0.0191	1	05/10/24 22:46	05/12/24 16:15	EPA 3005A	1,6020B	WKP
Manganese, Total	ND		mg/l	0.00100	0.00044	1	05/10/24 22:46	05/12/24 16:15	EPA 3005A	1,6020B	WKP
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	05/13/24 10:02	05/13/24 15:58	EPA 3005A	1,6020B	EJF
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	05/13/24 10:02	05/13/24 15:58	EPA 3005A	1,6020B	EJF
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	05/13/24 10:02	05/13/24 15:58	EPA 3005A	1,6020B	EJF

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2425158
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-07,09 Batch: WG1919545-1										
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	05/10/24 22:46	05/12/24 16:10	1,6020B	WKP
Iron, Total	ND		mg/l	0.0500	0.0191	1	05/10/24 22:46	05/12/24 16:10	1,6020B	WKP
Manganese, Total	ND		mg/l	0.00100	0.00044	1	05/10/24 22:46	05/12/24 16:10	1,6020B	WKP

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-07,09 Batch: WG1920235-1										
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	05/13/24 10:02	05/13/24 13:42	1,6020B	EJF
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	05/13/24 10:02	05/13/24 13:42	1,6020B	EJF
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	05/13/24 10:02	05/13/24 13:42	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: SMP

Project Number: 12.0076761.20

Lab Number: L2425158

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07,09 Batch: WG1919545-2								
Arsenic, Total	103		-		80-120	-		
Iron, Total	102		-		80-120	-		
Manganese, Total	110		-		80-120	-		
Dissolved Metals - Mansfield Lab Associated sample(s): 01-07,09 Batch: WG1920235-2								
Arsenic, Dissolved	102		-		80-120	-		
Iron, Dissolved	109		-		80-120	-		
Manganese, Dissolved	102		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425158
Report Date: 06/04/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07,09 QC Batch ID: WG1919545-3 QC Sample: L2425158-01 Client ID: SMP-MW-11S												
Arsenic, Total	ND	0.12	0.1148	96		-	-		75-125	-		20
Iron, Total	0.304	1	1.46	116		-	-		75-125	-		20
Manganese, Total	2.852	0.5	3.421	114		-	-		75-125	-		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-07,09 QC Batch ID: WG1920235-3 WG1920235-4 QC Sample: L2424755-01 Client ID: MS Sample												
Arsenic, Dissolved	0.00158	0.12	0.1275	105		0.1268	104		75-125	1		20
Iron, Dissolved	0.0304J	1	1.12	112		1.22	122		75-125	9		20
Manganese, Dissolved	0.6569	0.5	1.156	100		1.282	125		75-125	10		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: SMP

Project Number: 12.0076761.20

Lab Number: L2425158

Report Date: 06/04/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07,09 QC Batch ID: WG1919545-4 QC Sample: L2425158-01 Client ID: SMP-MW-11S						
Arsenic, Total	ND	ND	mg/l	NC		20
Iron, Total	0.304	0.300	mg/l	1		20
Manganese, Total	2.852	2.873	mg/l	1		20

Project Name: SMP
Project Number: 12.0076761.20

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2425158
Report Date: 06/04/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-07,09 QC Batch ID: WG1920235-6 QC Sample: L2424755-01 Client ID: DUP Sample						
Manganese, Dissolved	0.6569	0.7052	mg/l	7		20

INORGANICS
&
MISCELLANEOUS

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425158
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-01
Client ID: SMP-MW-11S
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 05/07/24 13:20
Date Received: 05/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chloride	280		mg/l	10	8.9	10	-	05/10/24 15:01	121,4500CL-E	MRM
Nitrogen, Nitrate	ND		mg/l	0.100	0.022	1	-	05/09/24 04:39	121,4500NO3-F	KAF
Sulfate	86.		mg/l	25	3.4	2.5	05/12/24 14:30	05/12/24 14:30	1,9038	MRW
Total Organic Carbon	1.2		mg/l	0.50	0.10	1	-	05/10/24 11:06	1,9060A	SMD

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425158
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-02
Client ID: SMP-MW-20
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 05/07/24 10:30
Date Received: 05/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chloride	300		mg/l	10	8.9	10	-	05/10/24 15:04	121,4500CL-E	MRM
Nitrogen, Nitrate	ND		mg/l	0.100	0.022	1	-	05/09/24 04:41	121,4500NO3-F	KAF
Sulfate	80.		mg/l	25	3.4	2.5	05/12/24 14:30	05/12/24 14:30	1,9038	MRW

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425158
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-03
Client ID: SMP-MW-18
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 05/07/24 12:10
Date Received: 05/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chloride	290		mg/l	10	8.9	10	-	05/10/24 15:06	121,4500CL-E	MRM
Nitrogen, Nitrate	ND		mg/l	0.100	0.022	1	-	05/09/24 04:42	121,4500NO3-F	KAF
Sulfate	81.		mg/l	25	3.4	2.5	05/12/24 14:30	05/12/24 14:30	1,9038	MRW
Total Organic Carbon	0.95		mg/l	0.50	0.10	1	-	05/10/24 11:42	1,9060A	SMD

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425158
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-04
Client ID: DUP
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 05/07/24 13:35
Date Received: 05/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chloride	270		mg/l	10	8.9	10	-	05/10/24 12:43	121,4500CL-E	MRM
Nitrogen, Nitrate	ND		mg/l	0.100	0.022	1	-	05/09/24 04:43	121,4500NO3-F	KAF
Sulfate	88.		mg/l	25	3.4	2.5	05/12/24 14:30	05/12/24 14:30	1,9038	MRW
Total Organic Carbon	0.92		mg/l	0.50	0.10	1	-	05/10/24 12:19	1,9060A	SMD

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425158
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-05
Client ID: SMP-MW-19
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 05/07/24 12:05
Date Received: 05/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chloride	300		mg/l	10	8.9	10	-	05/10/24 15:08	121,4500CL-E	MRM
Nitrogen, Nitrate	ND		mg/l	0.100	0.022	1	-	05/09/24 04:45	121,4500NO3-F	KAF
Sulfate	59.		mg/l	25	3.4	2.5	05/12/24 14:30	05/12/24 14:30	1,9038	MRW
Total Organic Carbon	1.0		mg/l	0.50	0.10	1	-	05/10/24 12:56	1,9060A	SMD

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425158
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-06
Client ID: SMP-MW-10
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 05/07/24 10:20
Date Received: 05/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chloride	400		mg/l	10	8.9	10	-	05/10/24 15:10	121,4500CL-E	MRM
Nitrogen, Nitrate	0.039	J	mg/l	0.100	0.022	1	-	05/09/24 04:50	121,4500NO3-F	KAF
Sulfate	ND		mg/l	10	1.4	1	05/12/24 14:30	05/12/24 14:30	1,9038	MRW
Total Organic Carbon	14		mg/l	2.5	0.49	5	-	05/10/24 13:28	1,9060A	SMD

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425158
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-07
Client ID: SMP-MW-17
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 05/07/24 14:40
Date Received: 05/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chloride	280		mg/l	10	8.9	10	-	05/10/24 15:12	121,4500CL-E	MRM
Nitrogen, Nitrate	ND		mg/l	0.100	0.022	1	-	05/09/24 04:51	121,4500NO3-F	KAF
Sulfate	64.		mg/l	25	3.4	2.5	05/12/24 14:30	05/12/24 14:30	1,9038	MRW
Total Organic Carbon	1.2		mg/l	0.50	0.10	1	-	05/10/24 14:04	1,9060A	SMD

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425158
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2425158-09
Client ID: FIELD BLANK
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 05/07/24 17:45
Date Received: 05/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chloride	ND		mg/l	1.0	0.89	1	-	05/10/24 15:13	121,4500CL-E	MRM
Nitrogen, Nitrate	0.040	J	mg/l	0.100	0.022	1	-	05/09/24 04:52	121,4500NO3-F	KAF
Sulfate	1.5	J	mg/l	10	1.4	1	05/12/24 14:30	05/12/24 14:30	1,9038	MRW
Total Organic Carbon	0.14	J	mg/l	0.50	0.10	1	-	05/10/24 14:28	1,9060A	SMD

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2425158
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-07,09 Batch: WG1918811-1										
Nitrogen, Nitrate	ND		mg/l	0.100	0.022	1	-	05/09/24 02:54	121,4500NO3-F	KAF
General Chemistry - Westborough Lab for sample(s): 01,03-07,09 Batch: WG1919447-1										
Total Organic Carbon	ND		mg/l	0.50	0.10	1	-	05/10/24 09:59	1,9060A	SMD
General Chemistry - Westborough Lab for sample(s): 01-07,09 Batch: WG1919532-1										
Chloride	ND		mg/l	1.0	0.89	1	-	05/10/24 12:28	121,4500CL-E	MRM
General Chemistry - Westborough Lab for sample(s): 01-07,09 Batch: WG1920107-1										
Sulfate	1.4	J	mg/l	10	1.4	1	05/12/24 14:30	05/12/24 14:30	1,9038	MRW

Lab Control Sample Analysis

Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425158
Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07,09 Batch: WG1918811-2								
Nitrogen, Nitrate	105		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01,03-07,09 Batch: WG1919447-2								
Total Organic Carbon	95		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-07,09 Batch: WG1919532-2								
Chloride	97		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-07,09 Batch: WG1920107-2								
Sulfate	100		-		90-110	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425158
Report Date: 06/04/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07,09 QC Batch ID: WG1918811-4 QC Sample: L2425385-06 Client ID: MS Sample												
Nitrogen, Nitrate	2.26	4	6.54	107		-	-		83-113	-		17
General Chemistry - Westborough Lab Associated sample(s): 01,03-07,09 QC Batch ID: WG1919447-3 QC Sample: L2425158-01 Client ID: SMP-MW-11S												
Total Organic Carbon	1.2	8	9.6	105		-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-07,09 QC Batch ID: WG1919532-4 QC Sample: L2425333-01 Client ID: MS Sample												
Chloride	35000	20	38000	**0**	Q	-	-		58-140	-		7
General Chemistry - Westborough Lab Associated sample(s): 01-07,09 QC Batch ID: WG1920107-4 QC Sample: L2425158-01 Client ID: SMP-MW-11S												
Sulfate	86.	100	200	110		-	-		55-147	-		14

Lab Duplicate Analysis

Batch Quality Control

Project Name: SMP

Project Number: 12.0076761.20

Lab Number: L2425158

Report Date: 06/04/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07,09 QC Batch ID: WG1918811-3 QC Sample: L2425385-06 Client ID: DUP Sample						
Nitrogen, Nitrate	2.26	2.26	mg/l	0		17
General Chemistry - Westborough Lab Associated sample(s): 01,03-07,09 QC Batch ID: WG1919447-4 QC Sample: L2425158-01 Client ID: SMP-MW-11S						
Total Organic Carbon	1.2	1.2	mg/l	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-07,09 QC Batch ID: WG1919532-3 QC Sample: L2425333-01 Client ID: DUP Sample						
Chloride	35000	38000	mg/l	**8**	Q	7
General Chemistry - Westborough Lab Associated sample(s): 01-07,09 QC Batch ID: WG1920107-3 QC Sample: L2425158-01 Client ID: SMP-MW-11S						
Sulfate	86.	87	mg/l	1		14

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425158
Report Date: 06/04/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2425158-01A	Vial HCl preserved	B	NA		3.3	Y	Absent		NYTCL-8260(14)
L2425158-01B	Vial HCl preserved	B	NA		3.3	Y	Absent		NYTCL-8260(14)
L2425158-01C	Vial HCl preserved	B	NA		3.3	Y	Absent		NYTCL-8260(14)
L2425158-01D	Vial H2SO4 preserved	B	NA		3.3	Y	Absent		TOC-9060(28)
L2425158-01E	Vial H2SO4 preserved	B	NA		3.3	Y	Absent		TOC-9060(28)
L2425158-01F	Vial H2SO4 preserved	B	NA		3.3	Y	Absent		TOC-9060(28)
L2425158-01G	Vial HCl preserved	B	NA		3.3	Y	Absent		SUB-DISSGAS(14)
L2425158-01H	Vial HCl preserved	B	NA		3.3	Y	Absent		SUB-DISSGAS(14)
L2425158-01I	Plastic 250ml HNO3 preserved	B	<2	<2	3.3	Y	Absent		FE-6020T(180),MN-6020T(180),AS-6020T(180)
L2425158-01J	Plastic 250ml unpreserved	B	7	7	3.3	Y	Absent		-
L2425158-01K	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	3.3	Y	Absent		SUB-SULFIDE()
L2425158-01L	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	3.3	Y	Absent		SUB-SULFIDE()
L2425158-01M	Plastic 250ml unpreserved	B	7	7	3.3	Y	Absent		CL-4500(28),SO4-9038(28),NO3-4500(2)
L2425158-01N	Amber 250ml unpreserved	B	7	7	3.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2425158-01O	Amber 250ml unpreserved	B	7	7	3.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2425158-01X	Plastic 120ml HNO3 preserved Filtrates	B	NA		3.3	Y	Absent		MN-6020S(180),FE-6020S(180),AS-6020S(180)
L2425158-02A	Vial HCl preserved	B	NA		3.3	Y	Absent		ARCHIVE()
L2425158-02B	Vial HCl preserved	B	NA		3.3	Y	Absent		ARCHIVE()
L2425158-02C	Vial HCl preserved	B	NA		3.3	Y	Absent		ARCHIVE()
L2425158-02D	Vial H2SO4 preserved	B	<2	<2	3.3	Y	Absent		ARCHIVE()
L2425158-02E	Vial H2SO4 preserved	B	<2	<2	3.3	Y	Absent		ARCHIVE()
L2425158-02F	Vial H2SO4 preserved	B	<2	<2	3.3	Y	Absent		ARCHIVE()

*Values in parentheses indicate holding time in days

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425158
Report Date: 06/04/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2425158-02G	Vial HCl preserved	B	NA		3.3	Y	Absent		SUB-DISSGAS(14)
L2425158-02H	Vial HCl preserved	B	NA		3.3	Y	Absent		SUB-DISSGAS(14)
L2425158-02I	Plastic 250ml HNO3 preserved	B	<2	<2	3.3	Y	Absent		FE-6020T(180),MN-6020T(180),AS-6020T(180)
L2425158-02J	Plastic 250ml unpreserved	B	7	7	3.3	Y	Absent		-
L2425158-02K	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	3.3	Y	Absent		SUB-SULFIDE()
L2425158-02L	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	3.3	Y	Absent		SUB-SULFIDE()
L2425158-02M	Plastic 250ml unpreserved	B	7	7	3.3	Y	Absent		SO4-9038(28),CL-4500(28),NO3-4500(2)
L2425158-02N	Amber 250ml unpreserved	B	7	7	3.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2425158-02O	Amber 250ml unpreserved	B	7	7	3.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2425158-02X	Plastic 120ml HNO3 preserved Filtrates	B	NA		3.3	Y	Absent		MN-6020S(180),FE-6020S(180),AS-6020S(180)
L2425158-03A	Vial HCl preserved	B	NA		3.3	Y	Absent		ARCHIVE()
L2425158-03B	Vial HCl preserved	B	NA		3.3	Y	Absent		ARCHIVE()
L2425158-03C	Vial HCl preserved	B	NA		3.3	Y	Absent		ARCHIVE()
L2425158-03D	Vial H2SO4 preserved	B	NA		3.3	Y	Absent		TOC-9060(28)
L2425158-03E	Vial H2SO4 preserved	B	NA		3.3	Y	Absent		TOC-9060(28)
L2425158-03F	Vial H2SO4 preserved	B	NA		3.3	Y	Absent		TOC-9060(28)
L2425158-03G	Vial HCl preserved	B	NA		3.3	Y	Absent		ARCHIVE()
L2425158-03H	Vial HCl preserved	B	NA		3.3	Y	Absent		ARCHIVE()
L2425158-03I	Plastic 250ml HNO3 preserved	B	<2	<2	3.3	Y	Absent		FE-6020T(180),MN-6020T(180),AS-6020T(180)
L2425158-03J	Plastic 250ml unpreserved	B	7	7	3.3	Y	Absent		-
L2425158-03K	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	3.3	Y	Absent		SUB-SULFIDE()
L2425158-03L	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	3.3	Y	Absent		SUB-SULFIDE()
L2425158-03M	Plastic 250ml unpreserved	B	7	7	3.3	Y	Absent		CL-4500(28),SO4-9038(28),NO3-4500(2)
L2425158-03N	Amber 250ml unpreserved	B	7	7	3.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2425158-03O	Amber 250ml unpreserved	B	7	7	3.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2425158-03X	Plastic 120ml HNO3 preserved Filtrates	B	NA		3.3	Y	Absent		MN-6020S(180),FE-6020S(180),AS-6020S(180)
L2425158-04A	Vial HCl preserved	B	NA		3.3	Y	Absent		NYTCL-8260(14)
L2425158-04B	Vial HCl preserved	B	NA		3.3	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2425158-04C	Vial HCl preserved	B	NA		3.3	Y	Absent		NYTCL-8260(14)
L2425158-04D	Vial H2SO4 preserved	B	NA		3.3	Y	Absent		TOC-9060(28)
L2425158-04E	Vial H2SO4 preserved	B	NA		3.3	Y	Absent		TOC-9060(28)
L2425158-04F	Vial H2SO4 preserved	B	NA		3.3	Y	Absent		TOC-9060(28)
L2425158-04G	Vial HCl preserved	B	NA		3.3	Y	Absent		SUB-DISSGAS(14)
L2425158-04H	Vial HCl preserved	B	NA		3.3	Y	Absent		SUB-DISSGAS(14)
L2425158-04I	Plastic 250ml HNO3 preserved	B	<2	<2	3.3	Y	Absent		FE-6020T(180),MN-6020T(180),AS-6020T(180)
L2425158-04J	Plastic 250ml unpreserved	B	7	7	3.3	Y	Absent		-
L2425158-04K	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	3.3	Y	Absent		SUB-SULFIDE()
L2425158-04L	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	3.3	Y	Absent		SUB-SULFIDE()
L2425158-04M	Plastic 250ml unpreserved	B	7	7	3.3	Y	Absent		SO4-9038(28),CL-4500(28),NO3-4500(2)
L2425158-04N	Amber 250ml unpreserved	B	7	7	3.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2425158-04O	Amber 250ml unpreserved	B	7	7	3.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2425158-04X	Plastic 120ml HNO3 preserved Filtrates	B	NA		3.3	Y	Absent		MN-6020S(180),FE-6020S(180),AS-6020S(180)
L2425158-05A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2425158-05B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2425158-05C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2425158-05D	Vial H2SO4 preserved	A	NA		3.1	Y	Absent		TOC-9060(28)
L2425158-05E	Vial H2SO4 preserved	A	NA		3.1	Y	Absent		TOC-9060(28)
L2425158-05F	Vial H2SO4 preserved	A	NA		3.1	Y	Absent		TOC-9060(28)
L2425158-05G	Vial HCl preserved	A	NA		3.1	Y	Absent		SUB-DISSGAS(14)
L2425158-05H	Vial HCl preserved	A	NA		3.1	Y	Absent		SUB-DISSGAS(14)
L2425158-05I	Plastic 250ml HNO3 preserved	A	<2	<2	3.1	Y	Absent		FE-6020T(180),MN-6020T(180),AS-6020T(180)
L2425158-05J	Plastic 250ml unpreserved	A	7	7	3.1	Y	Absent		-
L2425158-05K	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.1	Y	Absent		SUB-SULFIDE()
L2425158-05L	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.1	Y	Absent		SUB-SULFIDE()
L2425158-05M	Plastic 250ml unpreserved	A	7	7	3.1	Y	Absent		CL-4500(28),SO4-9038(28),NO3-4500(2)
L2425158-05N	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		A2-1,4-DIOXANE-SIM(7)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2425158-05O	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2425158-05X	Plastic 120ml HNO3 preserved Filtrates	A	NA		3.1	Y	Absent		MN-6020S(180),FE-6020S(180),AS-6020S(180)
L2425158-06A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2425158-06B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2425158-06C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2425158-06D	Vial H2SO4 preserved	A	NA		3.1	Y	Absent		TOC-9060(28)
L2425158-06E	Vial H2SO4 preserved	A	NA		3.1	Y	Absent		TOC-9060(28)
L2425158-06F	Vial H2SO4 preserved	A	NA		3.1	Y	Absent		TOC-9060(28)
L2425158-06G	Vial HCl preserved	A	NA		3.1	Y	Absent		SUB-DISSGAS(14)
L2425158-06H	Vial HCl preserved	A	NA		3.1	Y	Absent		SUB-DISSGAS(14)
L2425158-06I	Plastic 250ml HNO3 preserved	A	<2	<2	3.1	Y	Absent		FE-6020T(180),MN-6020T(180),AS-6020T(180)
L2425158-06J	Plastic 250ml unpreserved	A	7	7	3.1	Y	Absent		-
L2425158-06K	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.1	Y	Absent		SUB-SULFIDE()
L2425158-06L	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.1	Y	Absent		SUB-SULFIDE()
L2425158-06M	Plastic 250ml unpreserved	A	7	7	3.1	Y	Absent		CL-4500(28),SO4-9038(28),NO3-4500(2)
L2425158-06N	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2425158-06O	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2425158-06X	Plastic 120ml HNO3 preserved Filtrates	A	NA		3.1	Y	Absent		MN-6020S(180),FE-6020S(180),AS-6020S(180)
L2425158-07A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2425158-07B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2425158-07C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2425158-07D	Vial H2SO4 preserved	A	NA		3.1	Y	Absent		TOC-9060(28)
L2425158-07E	Vial H2SO4 preserved	A	NA		3.1	Y	Absent		TOC-9060(28)
L2425158-07F	Vial H2SO4 preserved	A	NA		3.1	Y	Absent		TOC-9060(28)
L2425158-07G	Vial HCl preserved	A	NA		3.1	Y	Absent		SUB-DISSGAS(14)
L2425158-07H	Vial HCl preserved	A	NA		3.1	Y	Absent		SUB-DISSGAS(14)
L2425158-07I	Plastic 250ml HNO3 preserved	A	<2	<2	3.1	Y	Absent		FE-6020T(180),MN-6020T(180),AS-6020T(180)
L2425158-07J	Plastic 250ml unpreserved	A	7	7	3.1	Y	Absent		-

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2425158-07K	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.1	Y	Absent		SUB-SULFIDE()
L2425158-07L	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.1	Y	Absent		SUB-SULFIDE()
L2425158-07M	Plastic 250ml unpreserved	A	7	7	3.1	Y	Absent		SO4-9038(28),CL-4500(28),NO3-4500(2)
L2425158-07N	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2425158-07O	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2425158-07X	Plastic 120ml HNO3 preserved Filtrates	A	NA		3.1	Y	Absent		MN-6020S(180),FE-6020S(180),AS-6020S(180)
L2425158-08A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2425158-08B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2425158-09A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2425158-09B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2425158-09C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2425158-09D	Vial H2SO4 preserved	A	NA		3.1	Y	Absent		TOC-9060(28)
L2425158-09E	Vial H2SO4 preserved	A	NA		3.1	Y	Absent		TOC-9060(28)
L2425158-09F	Vial H2SO4 preserved	A	NA		3.1	Y	Absent		TOC-9060(28)
L2425158-09G	Vial HCl preserved	A	NA		3.1	Y	Absent		SUB-DISSGAS(14)
L2425158-09H	Vial HCl preserved	A	NA		3.1	Y	Absent		SUB-DISSGAS(14)
L2425158-09I	Plastic 250ml HNO3 preserved	A	<2	<2	3.1	Y	Absent		FE-6020T(180),MN-6020T(180),AS-6020T(180)
L2425158-09J	Plastic 250ml unpreserved	A	7	7	3.1	Y	Absent		-
L2425158-09K	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.1	Y	Absent		SUB-SULFIDE()
L2425158-09L	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.1	Y	Absent		SUB-SULFIDE()
L2425158-09M	Plastic 250ml unpreserved	A	7	7	3.1	Y	Absent		CL-4500(28),SO4-9038(28),NO3-4500(2)
L2425158-09N	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2425158-09O	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2425158-09X	Plastic 120ml HNO3 preserved Filtrates	A	NA		3.1	Y	Absent		MN-6020S(180),FE-6020S(180),AS-6020S(180)

Container Comments

L2425158-02D Container Received Empty.

*Values in parentheses indicate holding time in days

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425158
Report Date: 06/04/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)

Container Comments

L2425158-02E	Container Received Empty.
L2425158-02F	Container Received Empty.
L2425158-03G	Container Received Empty.
L2425158-03H	Container Received Empty.

*Values in parentheses indicate holding time in days

Project Name:	SMP	**Lab Number:**	L2425158
Project Number:	12.0076761.20	**Report Date:**	06/04/24

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: DU Report with 'J' Qualifiers

Project Name:	SMP	**Lab Number:**	L2425158
Project Number:	12.0076761.20	**Report Date:**	06/04/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	SMP	**Lab Number:**	L2425158
Project Number:	12.0076761.20	**Report Date:**	06/04/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	SMP	**Lab Number:**	L2425158
Project Number:	12.0076761.20	**Report Date:**	06/04/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
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.
Nonpotable Water: EPA RSK-175 Dissolved Gases
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 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).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, 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.

NEW YORK CHAIN OF CUSTODY

ALPHA

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8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
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FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 5/8/24

ALPHA Job #: L2425158

Client Information

Client: GZA
Address: 55 Lane Rd. Ste 407
Fairfield, NJ, 07004
Phone:
Fax:
Email: bhuvnesh.parekh@gza.com

Project Information

Project Name: SMP
Project Location: 3718 Northern Blvd. Queens, NY
Project #: 12.0076720
(Use Project name as Project #)
Project Manager: Bhuvnesh Parekh
ALPHAQuote #: 7507

Turn-Around Time

Standard [X] Due Date:
Rush (only if pre approved) [ ] # of Days:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:

email: morgan.mcbride@gza.com

Please specify Metals or TAL.

Deliverables

[ ] ASP-A [ ] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Billing Information

[X] Same as Client Info
PO #

Regulatory Requirement

[ ] NY TOGS [ ] NY Part 375
[X] AWQ Standards [ ] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC's	1,4-Dioxane	Anions - chloride, nitrate, nitrite	Sulfide	TOC	Dissolved gases - methane, ethane, ethene	Total and dissolved metals - Arsenic, Iron, manganese	Sample Specific Comments
25158-01	SMP-MW-11S	5/7/24	13:20	GW	DV	X	X	X	X	X	X	X	X	
-02	SMP-MW-20		10:30		MN									
-03	SMP-MW-18		12:10		MW									
-04	DUP		13:35		DV									
-05	SMP-MW-19		12:05		DV									
-06	SMP-MW-10		10:20		DV									
-07	SMP-MW-17		14:40		DV									
-08	Trip Blank	5/5/24	TB	TB	TB									
-09	Field Blank	5/7/24	17:45	PB	DV		X	X	X	X	X	X	X	

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

Total Bottle

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

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

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Daryan Vindas	5/7/24 18:01		5-7-24 1803
	5-7-24 2009	Anthony Green	MAY 07 2024 2035
Anthony Green	5/8/24 0130		5/8/24 0130
	5/8/24 0330		5/8/24 0330

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

May 14, 2024

Pace Analytical (Alpha) - Westborough,MA

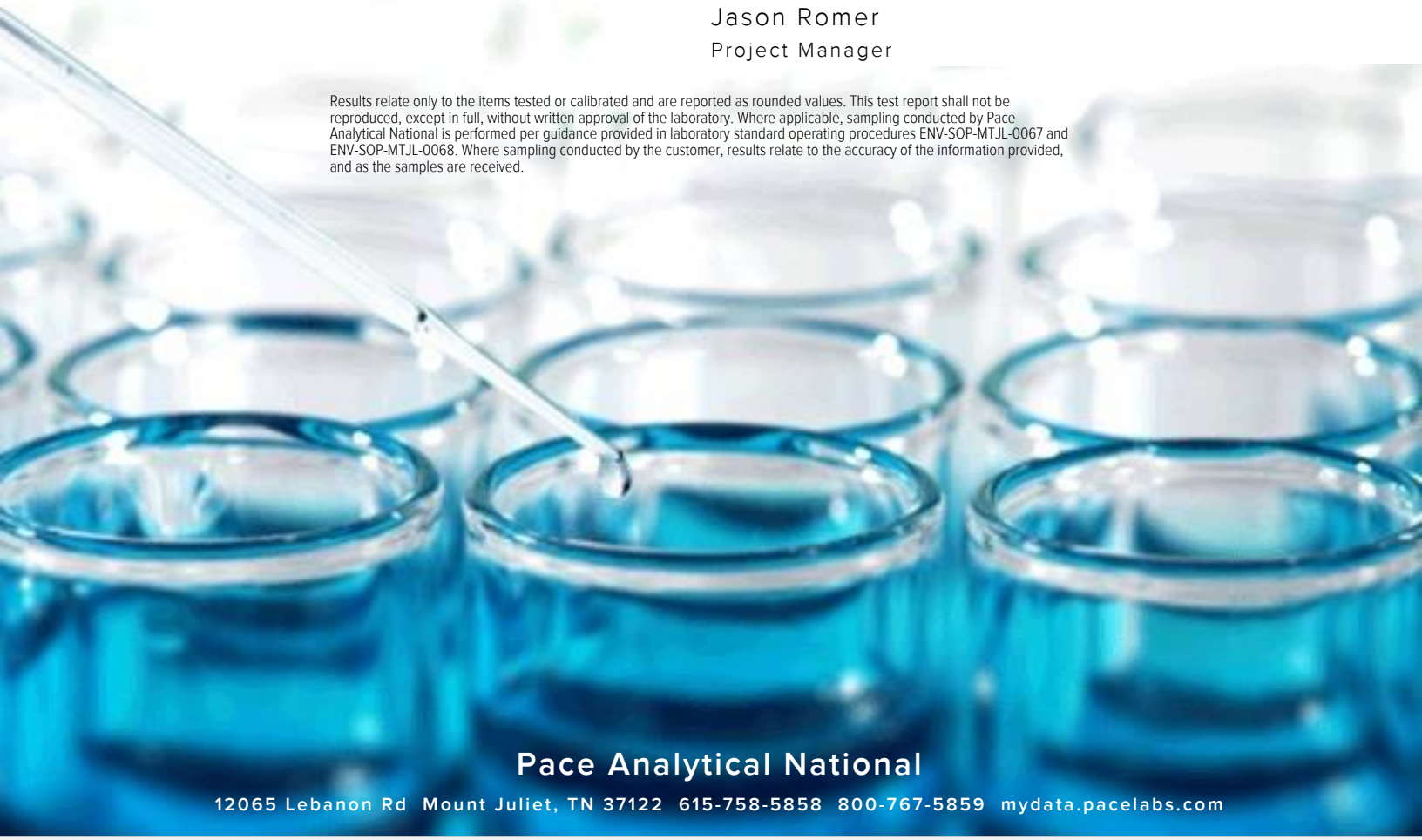
Sample Delivery Group:	L1735040
Samples Received:	05/10/2024
Project Number:	L2425158
Description:	

Report To: Cynthia Romero
8 Walkup Drive
Westborough, MA 01581

Entire Report Reviewed By:

Jason Romer
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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SMP-MW-11S L1735040-01 GW

Collected by | Collected date/time 04/07/24 13:20 | Received date/time 05/10/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500S2 D-2011	WG2285485	1	05/13/24 15:43	05/13/24 15:43	SDE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2285073	1	05/14/24 11:20	05/14/24 11:20	CCM	Mt. Juliet, TN

SMP-MW-20 L1735040-02 GW

Collected by | Collected date/time 04/07/24 10:30 | Received date/time 05/10/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2285073	1	05/14/24 11:23	05/14/24 11:23	CCM	Mt. Juliet, TN

SMP-MW-18 L1735040-03 GW

Collected by | Collected date/time 04/07/24 12:10 | Received date/time 05/10/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500S2 D-2011	WG2285485	1	05/13/24 15:44	05/13/24 15:44	SDE	Mt. Juliet, TN

DUP L1735040-04 GW

Collected by | Collected date/time 04/07/24 13:35 | Received date/time 05/10/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500S2 D-2011	WG2285485	1	05/13/24 15:44	05/13/24 15:44	SDE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2285073	1	05/14/24 11:26	05/14/24 11:26	CCM	Mt. Juliet, TN

SMP-MW-19 L1735040-05 GW

Collected by | Collected date/time 04/07/24 12:05 | Received date/time 05/10/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500S2 D-2011	WG2285485	1	05/13/24 15:44	05/13/24 15:44	SDE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2285073	1	05/14/24 11:29	05/14/24 11:29	CCM	Mt. Juliet, TN

SMP-MW-10 L1735040-06 GW

Collected by | Collected date/time 04/07/24 10:20 | Received date/time 05/10/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500S2 D-2011	WG2285485	1	05/13/24 15:45	05/13/24 15:45	SDE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2285073	1	05/14/24 11:32	05/14/24 11:32	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2286051	10	05/14/24 14:35	05/14/24 14:35	CCM	Mt. Juliet, TN

SMP-MW-17 L1735040-07 GW

Collected by | Collected date/time 04/07/24 14:40 | Received date/time 05/10/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500S2 D-2011	WG2285485	1	05/13/24 15:45	05/13/24 15:45	SDE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2285073	1	05/14/24 11:42	05/14/24 11:42	CCM	Mt. Juliet, TN

FIELD BLANK L1735040-08 GW

	Collected by	Collected date/time	Received date/time
		04/07/24 17:45	05/10/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500S2 D-2011	WG2285485	1	05/13/24 15:46	05/13/24 15:46	SDE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2285073	1	05/14/24 11:53	05/14/24 11:53	CCM	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Jason Romer
Project Manager

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		6.50	50.0	1	05/13/2024 15:43	WG2285485

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	221	T8	2.91	10.0	1	05/14/2024 11:20	WG2285073
Ethane	U	T8	4.07	13.0	1	05/14/2024 11:20	WG2285073
Ethene	U	T8	4.26	13.0	1	05/14/2024 11:20	WG2285073

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	86.0	T8	2.91	10.0	1	05/14/2024 11:23	WG2285073
Ethane	U	T8	4.07	13.0	1	05/14/2024 11:23	WG2285073
Ethene	U	T8	4.26	13.0	1	05/14/2024 11:23	WG2285073

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		6.50	50.0	1	05/13/2024 15:44	WG2285485

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		6.50	50.0	1	05/13/2024 15:44	WG2285485

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	185	T8	2.91	10.0	1	05/14/2024 11:26	WG2285073
Ethane	U	T8	4.07	13.0	1	05/14/2024 11:26	WG2285073
Ethene	U	T8	4.26	13.0	1	05/14/2024 11:26	WG2285073

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		6.50	50.0	1	05/13/2024 15:44	WG2285485

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	62.4	T8	2.91	10.0	1	05/14/2024 11:29	WG2285073
Ethane	U	T8	4.07	13.0	1	05/14/2024 11:29	WG2285073
Ethene	U	T8	4.26	13.0	1	05/14/2024 11:29	WG2285073

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		6.50	50.0	1	05/13/2024 15:45	WG2285485

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	11600	T8	29.1	100	10	05/14/2024 14:35	WG2286051
Ethane	13.3	T8	4.07	13.0	1	05/14/2024 11:32	WG2285073
Ethene	U	T8	4.26	13.0	1	05/14/2024 11:32	WG2285073

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		6.50	50.0	1	05/13/2024 15:45	WG2285485

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	63.8	T8	2.91	10.0	1	05/14/2024 11:42	WG2285073
Ethane	U	T8	4.07	13.0	1	05/14/2024 11:42	WG2285073
Ethene	U	T8	4.26	13.0	1	05/14/2024 11:42	WG2285073

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		6.50	50.0	1	05/13/2024 15:46	WG2285485

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	U	T8	2.91	10.0	1	05/14/2024 11:53	WG2285073
Ethane	U	T8	4.07	13.0	1	05/14/2024 11:53	WG2285073
Ethene	U	T8	4.26	13.0	1	05/14/2024 11:53	WG2285073

Method Blank (MB)

(MB) R4069054-1 05/13/24 15:42

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Sulfide	U		6.50	50.0

L1735040-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1735040-05 05/13/24 15:44 • (DUP) R4069054-5 05/13/24 15:45

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Sulfide	U	U	1	0.000		20

L1735155-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1735155-01 05/13/24 15:49 • (DUP) R4069054-8 05/13/24 15:49

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Sulfide	956	926	1	3.19		20

Laboratory Control Sample (LCS)

(LCS) R4069054-2 05/13/24 15:43

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Sulfide	500	513	103	85.0-115	

L1735040-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1735040-01 05/13/24 15:43 • (MS) R4069054-3 05/13/24 15:44 • (MSD) R4069054-4 05/13/24 15:44

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Sulfide	500	U	516	515	103	103	1	80.0-120			0.194	20

L1735154-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1735154-01 05/13/24 15:46 • (MS) R4069054-6 05/13/24 15:47 • (MSD) R4069054-7 05/13/24 15:47

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Sulfide	500	178	391	392	42.6	42.8	1	80.0-120	J6	J6	0.255	20

L1735154-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1735154-01 05/13/24 15:46 • (MS) R4069054-6 05/13/24 15:47 • (MSD) R4069054-7 05/13/24 15:47

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %

Sample Narrative:

MS: Spike failure due to matrix interference

MSD: Spike failure due to matrix interference

Method Blank (MB)

(MB) R4069367-2 05/14/24 10:04

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Methane	U		2.91	10.0
Ethane	U		4.07	13.0
Ethene	U		4.26	13.0

L1734273-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1734273-07 05/14/24 10:09 • (DUP) R4069367-3 05/14/24 11:07

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Methane	U	U	1	0.000		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20

L1734469-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1734469-03 05/14/24 11:10 • (DUP) R4069367-4 05/14/24 11:57

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Methane	U	U	1	0.000		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4069367-1 05/14/24 10:00 • (LCSD) R4069367-5 05/14/24 11:59

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Methane	67.8	64.3	64.9	94.8	95.7	85.0-115			0.929	20
Ethane	129	120	119	93.0	92.2	85.0-115			0.837	20
Ethene	127	120	118	94.5	92.9	85.0-115			1.68	20

Method Blank (MB)

(MB) R4069471-2 05/14/24 14:04

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Methane	U		2.91	10.0

L1735040-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1735040-06 05/14/24 14:35 • (DUP) R4069471-3 05/14/24 14:41

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	11600	11400	10	1.74		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4069471-1 05/14/24 14:01 • (LCSD) R4069471-4 05/14/24 14:46

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Methane	67.8	65.7	61.4	96.9	90.6	85.0-115			6.77	20

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
T8	Sample(s) received past/too close to holding time expiration.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Subcontract Chain of Custody

Pace Analytical National
12065 Lebanon Road
Mt. Juliet, TN 37122

Alpha Job Number
L2425158

Client Information

Client: Alpha Analytical Labs
Address: Eight Walkup Drive
Westborough, MA 01581-1019

Phone: 201.812.9072
Email: Cynthia.Pagut@pacelabs.com

Project Information

Project Location: NY
Project Manager: Cynthia Romero

Turnaround & Deliverables Information

Due Date:
Deliverables:

Regulatory Requirements/Report Limits

State/Federal Program:

Regulatory Criteria: NY-AWQS

Project Specific Requirements and/or Report Requirements

Reference following Alpha Job Number on final report/deliverables: L2425158

Report to include Method Blank, LCS/LCSD:

Additional Comments: Invoices to: invoices@pacelabs.coupahost.com Reports to: west.subreports@pacelabs.com DISSGAS:MEE only

L1735040

Lab ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Batch QC
	SMP-MW-11S	05-07-24 13:20	WATER	Dissolved Gasses; Sulfide -01	
	SMP-MW-20	05-07-24 10:30	WATER	Dissolved Gasses -02	
	SMP-MW-18	05-07-24 12:10	WATER	Sulfide -03	
	DUP	05-07-24 13:35	WATER	Dissolved Gasses; Sulfide -04	
	SMP-MW-19	05-07-24 12:05	WATER	Dissolved Gasses; Sulfide -05	
	SMP-MW-10	05-07-24 10:20	WATER	Dissolved Gasses; Sulfide -06	
	SMP-MW-17	05-07-24 14:40	WATER	Dissolved Gasses; Sulfide -07	
	FIELD BLANK	05-07-24 17:45	WATER	Dissolved Gasses; Sulfide -08	

10 to 1-1.9 & PM6

(28)

Sample Receipt Checklist

COC Seal Present/Intact:	Y N	If Applicable	
COC Signed/Accurate:	Y N	VOA Zero Headspace:	Y N
Bottles arrive intact:	Y N	Pres. Correct/Check:	Y N
Correct bottles used:	Y N		
Sufficient volume sent:	Y N		
RA Screen <0.5 mR/hr:	Y N		

1ZE30 6540 1907 5314 6

	Relinquished By:	Date/Time:	Received By:	Date/Time:
	CCelear	5/9/24	Deryan G	5.10.24 1000
Form No: AL_subcoc				

ANALYTICAL REPORT

May 12, 2024

Pace Analytical (Alpha) - Westborough,MA

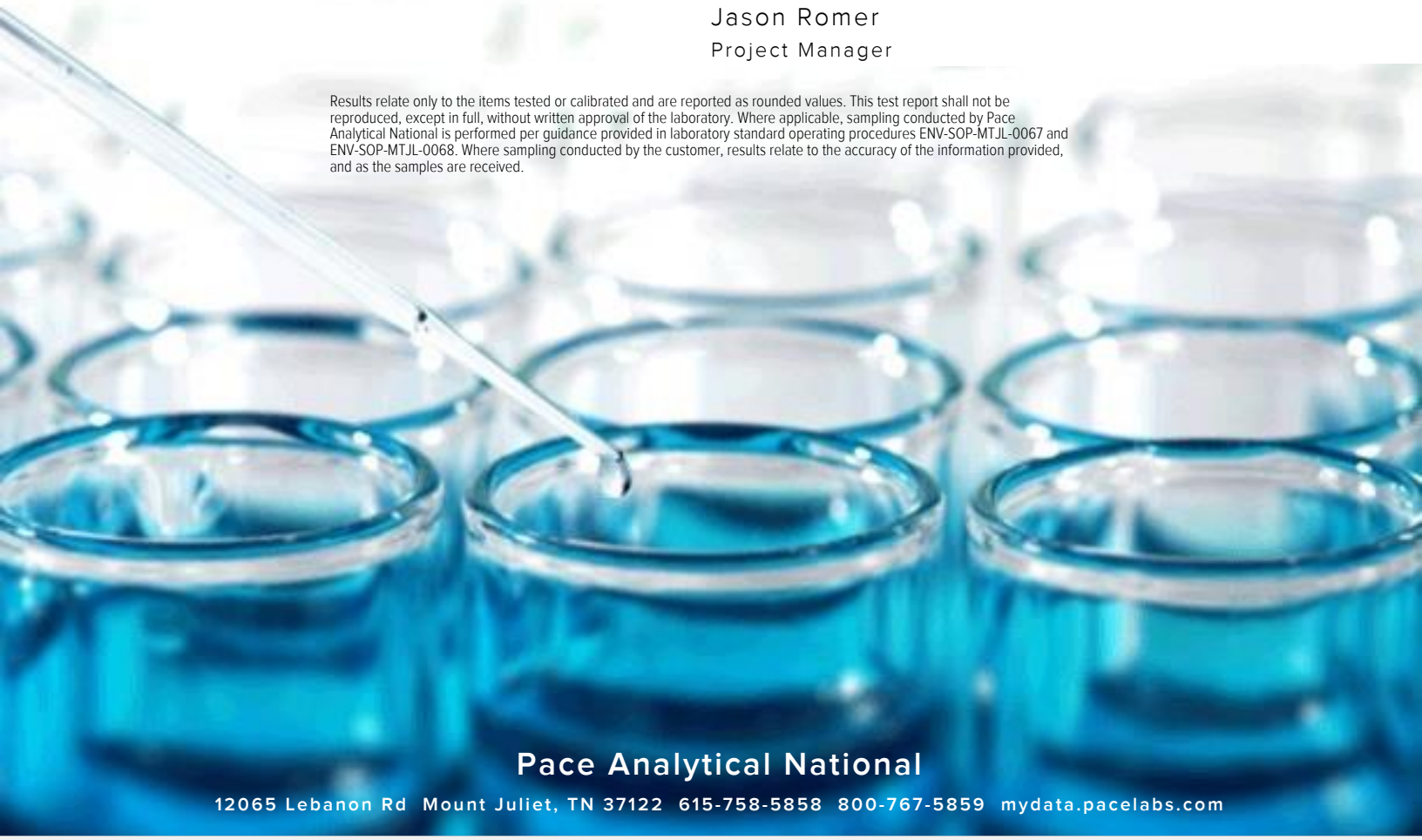
Sample Delivery Group:	L1735422
Samples Received:	05/11/2024
Project Number:	L2425158
Description:	

Report To: Cynthia Romero
8 Walkup Drive
Westborough, MA 01581

Entire Report Reviewed By:

Jason Romer
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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Gl: Glossary of Terms 7

Al: Accreditations & Locations 8

Sc: Sample Chain of Custody 9

	Collected by	Collected date/time	Received date/time
SMP-MW-20 L1735422-01 GW		05/07/24 10:30	05/11/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500S2 D-2011	WG2284925	1	05/12/24 12:47	05/12/24 12:47	SJA	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Jason Romer
Project Manager

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U	J6	6.50	50.0	1	05/12/2024 12:47	WG2284925

Method Blank (MB)

(MB) R4068627-1 05/12/24 12:42

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Sulfide	U		6.50	50.0

L1734050-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1734050-02 05/12/24 12:43 • (DUP) R4068627-3 05/12/24 12:43

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Sulfide	U	U	1	0.000		20

L1734059-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1734059-05 05/12/24 12:45 • (DUP) R4068627-4 05/12/24 12:45

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Sulfide	U	U	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R4068627-2 05/12/24 12:42

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Sulfide	500	525	105	85.0-115	

L1735422-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1735422-01 05/12/24 12:47 • (MS) R4068627-5 05/12/24 12:47 • (MSD) R4068627-6 05/12/24 12:47

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Sulfide	500	U	380	369	76.0	73.8	1	80.0-120	J6	J6	2.94	20

Sample Narrative:

MS: spike failed due to sample matrix

MSD: spike failed due to sample matrix

GLOSSARY OF TERMS

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Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

D063

Subcontract Chain of Custody

Pace Analytical National
12065 Lebanon Road
Mt. Juliet, TN 37122

Alpha Job Number
L2425158

Client Information

Client: Alpha Analytical Labs
Address: Eight Walkup Drive
Westborough, MA 01581-1019

Phone: 201.812.9072
Email: Cynthia.Pagut@pacelabs.com

Project Information

Project Location: NY
Project Manager: Cynthia Romero

Turnaround & Deliverables Information

Due Date:
Deliverables:

Regulatory Requirements/Report Limits

State/Federal Program:

Regulatory Criteria: NY-AWQS

Project Specific Requirements and/or Report Requirements

Reference following Alpha Job Number on final report/deliverables: L2425158

Report to include Method Blank, LCS/LCSD:

Additional Comments: Invoices to: invoices@pacelabs.coupahost.com Reports to: west.subreports@pacelabs.com DISSGAS:MEE only

L1775422

Lab ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Batch QC
	~~SMP-MW-11S~~	05-07-24 13:20	WATER	~~Dissolved Gasses; Sulfide~~	
	SMP-MW-20	05-07-24 10:30	WATER	~~Dissolved Gasses~~; Sulfide -01	
	~~SMP-MW-18~~	05-07-24 12:10	WATER	~~Sulfide~~	
	~~DUP~~	05-07-24 13:35	WATER	~~Dissolved Gasses; Sulfide~~	
	~~SMP-MW-19~~	05-07-24 12:05	WATER	~~Dissolved Gasses; Sulfide~~	
	~~SMP-MW-10~~	05-07-24 10:20	WATER	~~Dissolved Gasses; Sulfide~~	
	~~SMP-MW-17~~	05-07-24 14:40	WATER	~~Dissolved Gasses; Sulfide~~	
	~~FIELD BLANK~~	05-07-24 17:45	WATER	~~Dissolved Gasses; Sulfide~~	

3.1to1-3.2 EDA

Sample Receipt Checklist

COC Seal Present/Intact:	Y N	If Applicable	
COC Signed/Accurate:	Y N	VOA Zero Headspace:	Y N
Bottles arrive intact:	Y N	Pres. Correct/Check:	Y N
Correct bottles used:	Y N		
Sufficient volume sent:	Y N		
RA Screen <0.5 mR/hr:	Y N		

12 ET065449759040489

	Relinquished By:	Date/Time:	Received By:	Date/Time:
		5/10/24	Dergan	5.11.24 0906
Form No: AL_subcoc				

ANALYTICAL REPORT

Lab Number:	L2425633
Client:	GZA GeoEnvironmental, Inc. 55 Lane Road Suite 407 Fairfield, NJ 07004
ATTN:	Bhuvnesh Parekh
Phone:	(973) 774-3300
Project Name:	SMP
Project Number:	12.0076761.20
Report Date:	05/16/24

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425633
Report Date: 05/16/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2425633-01	SMP-MW-16	WATER	3718 NORTHERN BLVD, QUEENS, NY	05/08/24 12:20	05/09/24
L2425633-02	MW-18	WATER	3718 NORTHERN BLVD, QUEENS, NY	05/08/24 15:15	05/09/24
L2425633-03	MW-20	WATER	3718 NORTHERN BLVD, QUEENS, NY	05/08/24 15:00	05/09/24
L2425633-04	FIELD BLANK	WATER	3718 NORTHERN BLVD, QUEENS, NY	05/08/24 19:20	05/09/24

Project Name:	SMP	**Lab Number:**	L2425633
Project Number:	12.0076761.20	**Report Date:**	05/16/24

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:	SMP	**Lab Number:**	L2425633
Project Number:	12.0076761.20	**Report Date:**	05/16/24

Case Narrative (continued)

Report Submission

May 16, 2024: This final report includes the results of all requested analyses.

May 16, 2024: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

The analyses of Dissolved Gasses and Sulfide were subcontracted. A copy of the laboratory report is included as an addendum. Please note: This data is only available in PDF format and is not available on Data Merger.

Sample Receipt

The analyses performed were specified by the client.

Sulfate

L2425633-01: The sample has an elevated detection limit due to the dilution required by the sample matrix.

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

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 05/16/24

ORGANICS

VOLATILES

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2425633
Report Date: 05/16/24

SAMPLE RESULTS

Lab ID: L2425633-01
Client ID: SMP-MW-16
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY
Date Collected: 05/08/24 12:20
Date Received: 05/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/14/24 22:42
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	36		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	1.1	J	ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2425633

Project Number: 12.0076761.20 **Report Date:** 05/16/24

SAMPLE RESULTS

Lab ID: L2425633-01 Date Collected: 05/08/24 12:20

Client ID: SMP-MW-16 Date Received: 05/09/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	1.1	J	ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	77		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	78	J	ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2425633

Project Number: 12.0076761.20 **Report Date:** 05/16/24

SAMPLE RESULTS

Lab ID: L2425633-01 Date Collected: 05/08/24 12:20

Client ID: SMP-MW-16 Date Received: 05/09/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	101		70-130

Project Name: SMP **Lab Number:** L2425633

Project Number: 12.0076761.20 **Report Date:** 05/16/24

SAMPLE RESULTS

Lab ID: L2425633-03 Date Collected: 05/08/24 15:00

Client ID: MW-20 Date Received: 05/09/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 05/14/24 23:08

Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.10	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2425633

Project Number: 12.0076761.20 **Report Date:** 05/16/24

SAMPLE RESULTS

Lab ID: L2425633-03 Date Collected: 05/08/24 15:00

Client ID: MW-20 Date Received: 05/09/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.0	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2425633

Project Number: 12.0076761.20 **Report Date:** 05/16/24

SAMPLE RESULTS

Lab ID: L2425633-03 Date Collected: 05/08/24 15:00

Client ID: MW-20 Date Received: 05/09/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	100		70-130

Project Name: SMP **Lab Number:** L2425633

Project Number: 12.0076761.20 **Report Date:** 05/16/24

SAMPLE RESULTS

Lab ID: L2425633-04 Date Collected: 05/08/24 19:20

Client ID: FIELD BLANK Date Received: 05/09/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 05/14/24 23:34

Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2425633

Project Number: 12.0076761.20 **Report Date:** 05/16/24

SAMPLE RESULTS

Lab ID: L2425633-04 Date Collected: 05/08/24 19:20

Client ID: FIELD BLANK Date Received: 05/09/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2425633

Project Number: 12.0076761.20 **Report Date:** 05/16/24

SAMPLE RESULTS

Lab ID: L2425633-04 Date Collected: 05/08/24 19:20

Client ID: FIELD BLANK Date Received: 05/09/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	100		70-130

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2425633
Report Date: 05/16/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/14/24 20:31
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-04 Batch: WG1921278-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2425633
Report Date: 05/16/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/14/24 20:31
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-04 Batch: WG1921278-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2425633
Report Date: 05/16/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/14/24 20:31
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-04 Batch: WG1921278-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425633
Report Date: 05/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-04 Batch: WG1921278-3 WG1921278-4								
Methylene chloride	90		95		70-130	5		20
1,1-Dichloroethane	96		100		70-130	4		20
Chloroform	98		100		70-130	2		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	94		98		70-130	4		20
Dibromochloromethane	84		87		63-130	4		20
1,1,2-Trichloroethane	89		90		70-130	1		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	95		98		75-130	3		20
Trichlorofluoromethane	110		120		62-150	9		20
1,2-Dichloroethane	91		96		70-130	5		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	91		94		67-130	3		20
trans-1,3-Dichloropropene	77		80		70-130	4		20
cis-1,3-Dichloropropene	87		92		70-130	6		20
1,1-Dichloropropene	98		100		70-130	2		20
Bromoform	75		76		54-136	1		20
1,1,2,2-Tetrachloroethane	91		93		67-130	2		20
Benzene	99		100		70-130	1		20
Toluene	96		97		70-130	1		20
Ethylbenzene	97		99		70-130	2		20
Chloromethane	80		83		64-130	4		20
Bromomethane	47		56		39-139	17		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425633
Report Date: 05/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-04 Batch: WG1921278-3 WG1921278-4								
Vinyl chloride	100		110		55-140	10		20
Chloroethane	120		130		55-138	8		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	98		100		70-130	2		20
Trichloroethene	89		95		70-130	7		20
1,2-Dichlorobenzene	90		92		70-130	2		20
1,3-Dichlorobenzene	93		94		70-130	1		20
1,4-Dichlorobenzene	93		93		70-130	0		20
Methyl tert butyl ether	82		87		63-130	6		20
p/m-Xylene	95		100		70-130	5		20
o-Xylene	95		100		70-130	5		20
cis-1,2-Dichloroethene	98		100		70-130	2		20
Dibromomethane	92		96		70-130	4		20
1,2,3-Trichloropropane	76		81		64-130	6		20
Acrylonitrile	86		92		70-130	7		20
Styrene	90		95		70-130	5		20
Dichlorodifluoromethane	82		87		36-147	6		20
Acetone	87		92		58-148	6		20
Carbon disulfide	100		110		51-130	10		20
2-Butanone	81		100		63-138	**21**	Q	20
Vinyl acetate	**140**	Q	**140**	Q	70-130	0		20
4-Methyl-2-pentanone	72		76		59-130	5		20
2-Hexanone	59		66		57-130	11		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425633
Report Date: 05/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-04 Batch: WG1921278-3 WG1921278-4								
Bromochloromethane	100		100		70-130	0		20
2,2-Dichloropropane	93		96		63-133	3		20
1,2-Dibromoethane	87		91		70-130	4		20
1,3-Dichloropropane	87		90		70-130	3		20
1,1,1,2-Tetrachloroethane	90		92		64-130	2		20
Bromobenzene	94		95		70-130	1		20
n-Butylbenzene	93		96		53-136	3		20
sec-Butylbenzene	95		98		70-130	3		20
tert-Butylbenzene	95		97		70-130	2		20
o-Chlorotoluene	91		93		70-130	2		20
p-Chlorotoluene	91		92		70-130	1		20
1,2-Dibromo-3-chloropropane	68		77		41-144	12		20
Hexachlorobutadiene	94		98		63-130	4		20
Isopropylbenzene	96		98		70-130	2		20
p-Isopropyltoluene	94		96		70-130	2		20
Naphthalene	89		85		70-130	5		20
n-Propylbenzene	96		98		69-130	2		20
1,2,3-Trichlorobenzene	80		89		70-130	11		20
1,2,4-Trichlorobenzene	86		88		70-130	2		20
1,3,5-Trimethylbenzene	94		96		64-130	2		20
1,2,4-Trimethylbenzene	93		94		70-130	1		20
1,4-Dioxane	134		144		56-162	7		20
p-Diethylbenzene	94		96		70-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425633
Report Date: 05/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-04 Batch: WG1921278-3 WG1921278-4								
p-Ethyltoluene	95		96		70-130	1		20
1,2,4,5-Tetramethylbenzene	87		88		70-130	1		20
Ethyl ether	100		100		59-134	0		20
trans-1,4-Dichloro-2-butene	73		76		70-130	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		96		70-130
Toluene-d8	98		97		70-130
4-Bromofluorobenzene	93		91		70-130
Dibromofluoromethane	101		103		70-130

SEMIVOLATILES

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2425633
Report Date: 05/16/24

SAMPLE RESULTS

Lab ID: L2425633-01
Client ID: SMP-MW-16
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 05/08/24 12:20
Date Received: 05/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/14/24 16:42
Analyst: CSP

Extraction Method: EPA 3510C
Extraction Date: 05/13/24 19:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	1200		ng/l	144	32.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	41		15-110

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2425633
Report Date: 05/16/24

SAMPLE RESULTS

Lab ID: L2425633-04
Client ID: FIELD BLANK
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 05/08/24 19:20
Date Received: 05/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/14/24 17:05
Analyst: CSP

Extraction Method: EPA 3510C
Extraction Date: 05/13/24 19:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	139	31.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	40		15-110

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425633
Report Date: 05/16/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/14/24 13:12
Analyst: CSP

Extraction Method: EPA 3510C
Extraction Date: 05/13/24 19:23

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 01,04 Batch: WG1920483-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	36		15-110

Lab Control Sample Analysis

Batch Quality Control

Project Name: SMP

Project Number: 12.0076761.20

Lab Number: L2425633

Report Date: 05/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab	Associated sample(s): 01,04		Batch: WG1920483-2 WG1920483-3					
1,4-Dioxane	102		103		40-140	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	39		38		15-110

METALS

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2425633
Report Date: 05/16/24

SAMPLE RESULTS

Lab ID: L2425633-01
Client ID: SMP-MW-16
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY
Sample Depth:
Matrix: Water

Date Collected: 05/08/24 12:20
Date Received: 05/09/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.02616		mg/l	0.00050	0.00016	1	05/13/24 23:48	05/14/24 09:23	EPA 3005A	1,6020B	NTB
Iron, Total	12.9		mg/l	0.0500	0.0191	1	05/13/24 23:48	05/14/24 09:23	EPA 3005A	1,6020B	NTB
Manganese, Total	0.4317		mg/l	0.00100	0.00044	1	05/13/24 23:48	05/14/24 09:23	EPA 3005A	1,6020B	NTB
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	0.00196		mg/l	0.00050	0.00016	1	05/14/24 20:17	05/15/24 15:24	EPA 3005A	1,6020B	EJF
Iron, Dissolved	0.230		mg/l	0.0500	0.0191	1	05/14/24 20:17	05/15/24 15:24	EPA 3005A	1,6020B	EJF
Manganese, Dissolved	0.4151		mg/l	0.00100	0.00044	1	05/14/24 20:17	05/15/24 15:24	EPA 3005A	1,6020B	EJF

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2425633
Report Date: 05/16/24

SAMPLE RESULTS

Lab ID: L2425633-04
Client ID: FIELD BLANK
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY
Date Collected: 05/08/24 19:20
Date Received: 05/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	05/13/24 23:48	05/14/24 09:10	EPA 3005A	1,6020B	NTB
Iron, Total	ND		mg/l	0.0500	0.0191	1	05/13/24 23:48	05/14/24 09:10	EPA 3005A	1,6020B	NTB
Manganese, Total	ND		mg/l	0.00100	0.00044	1	05/13/24 23:48	05/14/24 09:10	EPA 3005A	1,6020B	NTB
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	05/14/24 20:17	05/16/24 08:29	EPA 3005A	1,6020B	EJF
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	05/14/24 20:17	05/16/24 08:29	EPA 3005A	1,6020B	EJF
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	05/14/24 20:17	05/16/24 08:29	EPA 3005A	1,6020B	EJF

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2425633
Report Date: 05/16/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,04 Batch: WG1920451-1										
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	05/13/24 23:48	05/14/24 09:05	1,6020B	NTB
Iron, Total	ND		mg/l	0.0500	0.0191	1	05/13/24 23:48	05/14/24 09:05	1,6020B	NTB
Manganese, Total	ND		mg/l	0.00100	0.00044	1	05/13/24 23:48	05/14/24 09:05	1,6020B	NTB

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01,04 Batch: WG1920820-1										
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	05/14/24 20:17	05/15/24 15:01	1,6020B	EJF
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	05/14/24 20:17	05/15/24 15:01	1,6020B	EJF
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	05/14/24 20:17	05/15/24 15:01	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: SMP

Project Number: 12.0076761.20

Lab Number: L2425633

Report Date: 05/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,04 Batch: WG1920451-2								
Arsenic, Total	98		-		80-120	-		
Iron, Total	99		-		80-120	-		
Manganese, Total	100		-		80-120	-		
Dissolved Metals - Mansfield Lab Associated sample(s): 01,04 Batch: WG1920820-2								
Arsenic, Dissolved	102		-		80-120	-		
Iron, Dissolved	102		-		80-120	-		
Manganese, Dissolved	110		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425633
Report Date: 05/16/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,04 QC Batch ID: WG1920451-3 QC Sample: L2425412-01 Client ID: MS Sample												
Arsenic, Total	0.00031J	0.12	0.09772	81		-	-		75-125	-		20
Iron, Total	2.10	1	3.34	124		-	-		75-125	-		20
Manganese, Total	0.04245	0.5	0.4634	84		-	-		75-125	-		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01,04 QC Batch ID: WG1920820-3 QC Sample: L2425633-01 Client ID: SMP-MW-16												
Arsenic, Dissolved	0.00196	0.12	0.1310	108		-	-		75-125	-		20
Iron, Dissolved	0.230	1	1.27	104		-	-		75-125	-		20
Manganese, Dissolved	0.4151	0.5	0.9446	106		-	-		75-125	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425633
Report Date: 05/16/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,04 QC Batch ID: WG1920451-4 QC Sample: L2425412-01 Client ID: DUP Sample						
Arsenic, Total	0.00031J	0.00054	mg/l	NC		20
Manganese, Total	0.04245	0.05156	mg/l	19		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01,04 QC Batch ID: WG1920820-4 QC Sample: L2425633-01 Client ID: SMP-MW-16						
Arsenic, Dissolved	0.00196	0.00195	mg/l	0		20
Iron, Dissolved	0.230	0.218	mg/l	5		20
Manganese, Dissolved	0.4151	0.4102	mg/l	1		20

INORGANICS
&
MISCELLANEOUS

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425633
Report Date: 05/16/24

SAMPLE RESULTS

Lab ID: L2425633-01
Client ID: SMP-MW-16
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 05/08/24 12:20
Date Received: 05/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chloride	300		mg/l	10	8.9	10	-	05/15/24 22:21	121,4500CL-E	TLH
Nitrogen, Nitrate	0.039	J	mg/l	0.100	0.022	1	-	05/10/24 06:01	121,4500NO3-F	KAF
Sulfate	17.	J	mg/l	50	6.8	5	05/16/24 10:40	05/16/24 10:40	1,9038	MRW
Total Organic Carbon	1.4		mg/l	0.50	0.10	1	-	05/15/24 18:34	1,9060A	SMD

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425633
Report Date: 05/16/24

SAMPLE RESULTS

Lab ID: L2425633-04
Client ID: FIELD BLANK
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 05/08/24 19:20
Date Received: 05/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chloride	ND		mg/l	1.0	0.89	1	-	05/15/24 23:18	121,4500CL-E	TLH
Nitrogen, Nitrate	0.066	J	mg/l	0.100	0.022	1	-	05/10/24 06:02	121,4500NO3-F	KAF
Sulfate	2.0	J	mg/l	10	1.4	1	05/16/24 10:40	05/16/24 10:40	1,9038	MRW
Total Organic Carbon	0.21	J	mg/l	0.50	0.10	1	-	05/15/24 18:58	1,9060A	SMD

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2425633
Report Date: 05/16/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01,04 Batch: WG1919294-1										
Nitrogen, Nitrate	ND		mg/l	0.100	0.022	1	-	05/10/24 02:46	121,4500NO3-F	KAF
General Chemistry - Westborough Lab for sample(s): 01,04 Batch: WG1921253-1										
Total Organic Carbon	ND		mg/l	0.50	0.10	1	-	05/15/24 09:00	1,9060A	SMD
General Chemistry - Westborough Lab for sample(s): 01,04 Batch: WG1921607-1										
Chloride	ND		mg/l	1.0	0.89	1	-	05/15/24 22:17	121,4500CL-E	TLH
General Chemistry - Westborough Lab for sample(s): 01,04 Batch: WG1921946-1										
Sulfate	1.9	J	mg/l	10	1.4	1	05/16/24 10:40	05/16/24 10:40	1,9038	MRW

Lab Control Sample Analysis

Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425633
Report Date: 05/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,04 Batch: WG1919294-2								
Nitrogen, Nitrate	106		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01,04 Batch: WG1921253-2								
Total Organic Carbon	98		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01,04 Batch: WG1921607-2								
Chloride	97		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01,04 Batch: WG1921946-2								
Sulfate	100		-		90-110	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425633
Report Date: 05/16/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,04 QC Batch ID: WG1919294-4 QC Sample: L2425820-13 Client ID: MS Sample												
Nitrogen, Nitrate	0.056J	4	4.33	108		-	-		83-113	-		17
General Chemistry - Westborough Lab Associated sample(s): 01,04 QC Batch ID: WG1921253-3 QC Sample: L2425592-02 Client ID: MS Sample												
Total Organic Carbon	11	20	32	106		-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01,04 QC Batch ID: WG1921253-5 QC Sample: L2425592-03 Client ID: MS Sample												
Total Organic Carbon	0.93	16	16	96		-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01,04 QC Batch ID: WG1921607-4 QC Sample: L2425921-03 Client ID: MS Sample												
Chloride	22.	20	41	95		-	-		58-140	-		7
General Chemistry - Westborough Lab Associated sample(s): 01,04 QC Batch ID: WG1921946-4 QC Sample: L2424162-16 Client ID: MS Sample												
Sulfate	13.	40	56	108		-	-		55-147	-		14

Lab Duplicate Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425633
Report Date: 05/16/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,04 QC Batch ID: WG1919294-3 QC Sample: L2425820-13 Client ID: DUP Sample						
Nitrogen, Nitrate	0.056J	0.048J	mg/l	NC		17
General Chemistry - Westborough Lab Associated sample(s): 01,04 QC Batch ID: WG1921253-4 QC Sample: L2425592-02 Client ID: DUP Sample						
Total Organic Carbon	11	11	mg/l	0		20
General Chemistry - Westborough Lab Associated sample(s): 01,04 QC Batch ID: WG1921253-6 QC Sample: L2425592-03 Client ID: DUP Sample						
Total Organic Carbon	0.93	0.88	mg/l	6		20
General Chemistry - Westborough Lab Associated sample(s): 01,04 QC Batch ID: WG1921607-3 QC Sample: L2425921-03 Client ID: DUP Sample						
Chloride	22.	22	mg/l	0		7
General Chemistry - Westborough Lab Associated sample(s): 01,04 QC Batch ID: WG1921946-3 QC Sample: L2424162-16 Client ID: DUP Sample						
Sulfate	13.	14	mg/l	7		14

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425633
Report Date: 05/16/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2425633-01A	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2425633-01B	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2425633-01C	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2425633-01D	Vial HCl preserved	A	NA		2.6	Y	Absent		SUB-DISSGAS(14)
L2425633-01E	Vial HCl preserved	A	NA		2.6	Y	Absent		SUB-DISSGAS(14)
L2425633-01F	Vial H2SO4 preserved	A	NA		2.6	Y	Absent		TOC-9060(28)
L2425633-01G	Vial H2SO4 preserved	A	NA		2.6	Y	Absent		TOC-9060(28)
L2425633-01H	Vial H2SO4 preserved	A	NA		2.6	Y	Absent		TOC-9060(28)
L2425633-01J	Plastic 250ml unpreserved	A	7	7	2.6	Y	Absent		-
L2425633-01K	Plastic 250ml unpreserved	A	7	7	2.6	Y	Absent		CL-4500(28),SO4-9038(28),NO3-4500(2)
L2425633-01L	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.6	Y	Absent		SUB-SULFIDE()
L2425633-01M	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.6	Y	Absent		SUB-SULFIDE()
L2425633-01N	Plastic 250ml HNO3 preserved	A	<2	<2	2.6	Y	Absent		FE-6020T(180),MN-6020T(180),AS-6020T(180)
L2425633-01O	Amber 250ml unpreserved	A	7	7	2.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2425633-01P	Amber 250ml unpreserved	A	7	7	2.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2425633-01X	Plastic 120ml HNO3 preserved Filtrates	A	7	7	2.6	Y	Absent		MN-6020S(180),FE-6020S(180),AS-6020S(180)
L2425633-02F	Vial H2SO4 preserved	A	NA		2.6	Y	Absent		ARCHIVE()
L2425633-02G	Vial H2SO4 preserved	NA	NA			Y	Absent		ARCHIVE()
L2425633-03A	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2425633-03B	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2425633-04A	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2425633-04B	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2425633-04C	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425633
Report Date: 05/16/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2425633-04D	Vial HCl preserved	A	NA		2.6	Y	Absent		SUB-DISSGAS(14)
L2425633-04E	Vial HCl preserved	A	NA		2.6	Y	Absent		SUB-DISSGAS(14)
L2425633-04F	Vial H2SO4 preserved	A	NA		2.6	Y	Absent		TOC-9060(28)
L2425633-04G	Vial H2SO4 preserved	A	NA		2.6	Y	Absent		TOC-9060(28)
L2425633-04H	Vial H2SO4 preserved	A	NA		2.6	Y	Absent		TOC-9060(28)
L2425633-04J	Plastic 250ml unpreserved	A	7	7	2.6	Y	Absent		-
L2425633-04K	Plastic 250ml unpreserved	A	7	7	2.6	Y	Absent		SO4-9038(28),CL-4500(28),NO3-4500(2)
L2425633-04L	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.6	Y	Absent		SUB-SULFIDE()
L2425633-04M	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.6	Y	Absent		SUB-SULFIDE()
L2425633-04N	Plastic 250ml HNO3 preserved	A	<2	<2	2.6	Y	Absent		FE-6020T(180),MN-6020T(180),AS-6020T(180)
L2425633-04O	Amber 250ml unpreserved	A	7	7	2.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2425633-04P	Amber 250ml unpreserved	A	7	7	2.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2425633-04X	Plastic 120ml HNO3 preserved Filtrates	A	NA		2.6	Y	Absent		MN-6020S(180),FE-6020S(180),AS-6020S(180)

*Values in parentheses indicate holding time in days

Project Name:	SMP	**Lab Number:**	L2425633
Project Number:	12.0076761.20	**Report Date:**	05/16/24

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: DU Report with 'J' Qualifiers

Project Name:	SMP	**Lab Number:**	L2425633
Project Number:	12.0076761.20	**Report Date:**	05/16/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	SMP	**Lab Number:**	L2425633
Project Number:	12.0076761.20	**Report Date:**	05/16/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	SMP	**Lab Number:**	L2425633
Project Number:	12.0076761.20	**Report Date:**	05/16/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
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.
Nonpotable Water: EPA RSK-175 Dissolved Gases
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 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).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, 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.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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TEL: 508-898-9220
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Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 5/9/24

ALPHA Job #: L2425633

Client Information
Client: GZA
Address: 55 Lane Rd, Ste. 407
Fairfield, NJ, 07004
Phone:
Fax:
Email: bhuvnesh.parekh@gza.com

Project Information
Project Name: SMP
Project Location: 3718 Northern Blvd., Queens, NY
Project #: 12.0076716.20
(Use Project name as Project #)
Project Manager: Bhuvnesh Parekh
ALPHAQuote #: 7507

Turn-Around Time
Standard: X
Rush (only if pre approved):
Due Date:
# of Days:

These samples have been previously analyzed by Alpha:

Other project specific requirements/comments:
email to: Morgan.McBride@gza.com

Please specify Metals or TAL.

Deliverables
- ASP-A
- ASP-B
- EQuIS (1 File)
- EQuIS (4 File)
- Other

Billing Information
- X Same as Client Info
PO #

Regulatory Requirement
- NY TOGS
- NY Part 375
- X AWQ Standards
- NY CP-51
- NY Restricted Use
- Other
- NY Unrestricted Use
- NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
- NJ
- NY
- Other:

Sample Filtration
- Done
- Lab to do
Preservation
- Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC's	1,4-Dioxane	Anions-Chloride, Sulfate, Nitrate	Sulfide	TOC	Gases-methane, ethane, ethene	Total and dissolved metals-Arsenic, Iron	Manganese	Sample Specific Comments	Total Bottle
25633-01	SMP-MW-16	5/8/24	12:20	GW	MN	X	X	X	X	X	X	X	X		
-02	MW-18	5/8/24	15:15	GW	MN					X					
-03	MW-20	5/8/24	15:00	GW	MN	X					X				
-04	FieldBlank	5/8/24	19:20	FB	DV	X	X	X	X	X	X	X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

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

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type								
Preservative								

Relinquished By:	Date/Time	Received By:	Date/Time
Dayann Vindas	5/9/24		
	5/9/24 1535	Paul Marcella	5/9/24 1645
Paul Marcella	5/9/24		5/9/24 2100
	5/9/24 2320		5/9/24 23:20

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

Pace Analytical®

ANALYTICAL REPORT

May 16, 2024

Pace Analytical (Alpha) - Westborough,MA

Sample Delivery Group:	L1736076
Samples Received:	05/14/2024
Project Number:	L2425633
Description:	

Report To: Cynthia Romero
8 Walkup Drive
Westborough, MA 01581

Entire Report Reviewed By: Haley Torrence

Haley Torrence
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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SMP-MW-16 L1736076-01 GW

Collected by	Collected date/time	Received date/time
	05/08/24 12:20	05/14/24 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500S2 D-2011	WG2286585	1	05/15/24 10:49	05/15/24 10:49	SDE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2286584	1	05/16/24 11:28	05/16/24 11:28	CCM	Mt. Juliet, TN

FIELD BLANK L1736076-02 GW

Collected by	Collected date/time	Received date/time
	05/08/24 19:20	05/14/24 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500S2 D-2011	WG2286585	1	05/15/24 10:49	05/15/24 10:49	SDE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2286584	1	05/16/24 11:30	05/16/24 11:30	CCM	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Haley Torrence

Haley Torrence
Project Manager

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		6.50	50.0	1	05/15/2024 10:49	WG2286585

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	U		2.91	10.0	1	05/16/2024 11:28	WG2286584
Ethane	U		4.07	13.0	1	05/16/2024 11:28	WG2286584
Ethene	U		4.26	13.0	1	05/16/2024 11:28	WG2286584

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		6.50	50.0	1	05/15/2024 10:49	WG2286585

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	U		2.91	10.0	1	05/16/2024 11:30	WG2286584
Ethane	U		4.07	13.0	1	05/16/2024 11:30	WG2286584
Ethene	U		4.26	13.0	1	05/16/2024 11:30	WG2286584

Method Blank (MB)

(MB) R4069822-1 05/15/24 10:43

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Sulfide	U		6.50	50.0

L1736131-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1736131-02 05/15/24 10:50 • (DUP) R4069822-5 05/15/24 10:50

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Sulfide	U	U	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R4069822-2 05/15/24 10:44

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Sulfide	500	533	107	85.0-115	

L1736076-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1736076-02 05/15/24 10:49 • (MS) R4069822-3 05/15/24 10:49 • (MSD) R4069822-4 05/15/24 10:50

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Sulfide	500	U	540	541	108	108	1	80.0-120			0.185	20

Method Blank (MB)

(MB) R4070404-2 05/16/24 09:07

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Methane	U		2.91	10.0
Ethane	U		4.07	13.0
Ethene	U		4.26	13.0

L1735599-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1735599-01 05/16/24 09:32 • (DUP) R4070404-3 05/16/24 10:44

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Methane	37.9	37.6	1	0.795		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20

L1736007-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1736007-03 05/16/24 11:05 • (DUP) R4070404-4 05/16/24 11:37

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Methane	U	U	1	0.000		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4070404-1 05/16/24 09:04 • (LCSD) R4070404-7 05/16/24 11:51

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Methane	67.8	63.8	65.2	94.1	96.2	85.0-115			2.17	20
Ethane	129	116	117	89.9	90.7	85.0-115			0.858	20
Ethene	127	119	119	93.7	93.7	85.0-115			0.000	20

L1735501-15 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1735501-15 05/16/24 09:17 • (MS) R4070404-5 05/16/24 11:41 • (MSD) R4070404-6 05/16/24 11:46

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Methane	67.8	2840	2890	2880	73.7	59.0	1	50.0-150			0.347	20
Ethane	129	4.33	139	147	104	111	1	50.0-150			5.59	20
Ethene	127	24.3	157	165	104	111	1	50.0-150			4.97	20

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Subcontract Chain of Custody

ALPHA ANALYTICAL — World Class Chemistry

Pace Analytical National
12065 Lebanon Road
Mt. Juliet, TN 37122

A132

Alpha Job Number
L2425633

Client Information

Client: Alpha Analytical Labs
Address: Eight Walkup Drive
Westborough, MA 01581-1019

Phone: 201.812.9072
Email: Cynthia.Pagut@pacelabs.com

Project Information

Project Location: NY
Project Manager: Cynthia Romero

Turnaround & Deliverables Information

Due Date:
Deliverables:

Regulatory Requirements/Report Limits

State/Federal Program:

Regulatory Criteria: NY-AWQS

L1736076

Project Specific Requirements and/or Report Requirements

Reference following Alpha Job Number on final report/deliverables: L2425633

Report to include Method Blank, LCS/LCSD:

Additional Comments: Invoices to: invoices@pacelabs.coupahost.com Reports to: west.subreports@pacelabs.com DISSGAS: MEE only

Lab ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Batch QC
-01	SMP-MW-16	05-08-24 12:20	WATER	Dissolved Gasses; Sulfide	
-02	FIELD BLANK	05-08-24 19:20	WATER	Dissolved Gasses; Sulfide	

Sample Receipt Checklist

	Y	N	If Applicable	Y	N
COC Seal Present/Intact:		X			
COC Signed/Accurate:	X		VOA Zero Headspace:		
Bottles arrive intact:	X		Pres. Correct/Check:		
Correct bottles used:	X				
Sufficient volume sent:	X				
RA Screen <0.5 mR/hr:	X				

	Relinquished By:	Date/Time:	Received By:	Date/Time:
	PAS	5/13/24	Alexa Mitchell	5/14/24 1045
Form No: AL_subcoc				

ANALYTICAL REPORT

Lab Number:	L2449146
Client:	GZA GeoEnvironmental, Inc. 55 Lane Road Suite 407 Fairfield, NJ 07004
ATTN:	Bhuvnesh Parekh
Phone:	(973) 774-3300
Project Name:	SMP
Project Number:	12.0076761.20
Report Date:	09/10/24

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449146
Report Date: 09/10/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2449146-01	SMP-MW-10	WATER	3718 NORTHERN BLVD, QUEENS, NY	08/27/24 10:20	08/28/24
L2449146-02	SMP-MW-11S	WATER	3718 NORTHERN BLVD, QUEENS, NY	08/27/24 14:10	08/28/24
L2449146-03	SMP-MW-16	WATER	3718 NORTHERN BLVD, QUEENS, NY	08/27/24 10:20	08/28/24
L2449146-04	SMP-MW-17	WATER	3718 NORTHERN BLVD, QUEENS, NY	08/27/24 12:08	08/28/24
L2449146-05	SMP-MW-18	WATER	3718 NORTHERN BLVD, QUEENS, NY	08/27/24 14:55	08/28/24
L2449146-06	SMP-MW-19	WATER	3718 NORTHERN BLVD, QUEENS, NY	08/27/24 13:25	08/28/24
L2449146-07	SMP-MW-20	WATER	3718 NORTHERN BLVD, QUEENS, NY	08/27/24 12:00	08/28/24
L2449146-08	SMP-FIELD BLANK	WATER	3718 NORTHERN BLVD, QUEENS, NY	08/27/24 18:25	08/28/24
L2449146-09	TRIP BLANK	WATER	3718 NORTHERN BLVD, QUEENS, NY	08/27/24 00:00	08/28/24
L2449146-10	SMP-DUP	WATER	3718 NORTHERN BLVD, QUEENS, NY	08/27/24 14:50	08/28/24

Project Name:	SMP	**Lab Number:**	L2449146
Project Number:	12.0076761.20	**Report Date:**	09/10/24

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 and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet 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:	SMP	**Lab Number:**	L2449146
Project Number:	12.0076761.20	**Report Date:**	09/10/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

The analyses of Sulfide and Dissolved Gases were subcontracted. A copy of the laboratory report is included as an addendum. Please note: This data is only available in PDF format and is not available on Data Merger.

Sample Receipt

L2449146-02, -05, -08, -09, and -10: The sample was listed on the chain of custody, but not initially received. This sample was later received at the laboratory on August 29, 2024.

L2449146-02, -05, -08, and -10: The analysis of Nitrate was received with the method required holding time exceeded and was cancelled.

1,4-Dioxane by 8270-SIM

L2449146-01D: The sample has an elevated detection limit due to the dilution required by the sample matrix.

Total Metals

The WG1967437-3 MS recovery for iron (147%), performed on L2449146-01, does not apply because the sample concentration is greater than four times the spike amount added.

Chloride

The WG1966864-4 MS recovery, performed on L2449146-01, is outside the acceptance criteria for chloride (150%); however, the associated LCS recovery is within criteria. No further action was taken.

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: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 09/10/24

ORGANICS

VOLATILES

Project Name: SMP **Lab Number:** L2449146

Project Number: 12.0076761.20 **Report Date:** 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-01 Date Collected: 08/27/24 10:20
Client ID: SMP-MW-10 Date Received: 08/28/24
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 09/04/24 12:23
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	18		ug/l	0.50	0.16	1
Toluene	13		ug/l	2.5	0.70	1
Ethylbenzene	4.7		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2449146

Project Number: 12.0076761.20 **Report Date:** 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-01 Date Collected: 08/27/24 10:20

Client ID: SMP-MW-10 Date Received: 08/28/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	0.48	J	ug/l	2.5	0.17	1
p/m-Xylene	5.4		ug/l	2.5	0.70	1
o-Xylene	0.80	J	ug/l	2.5	0.70	1
Xylenes, Total	6.2	J	ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	11		ug/l	2.5	0.70	1
sec-Butylbenzene	7.9		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	88		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	6.1		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2449146

Project Number: 12.0076761.20 **Report Date:** 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-01 Date Collected: 08/27/24 10:20

Client ID: SMP-MW-10 Date Received: 08/28/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	130		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	11		ug/l	2.0	0.70	1
p-Ethyltoluene	1.8	J	ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	63		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	79		70-130

Project Name: SMP **Lab Number:** L2449146

Project Number: 12.0076761.20 **Report Date:** 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-02 Date Collected: 08/27/24 14:10

Client ID: SMP-MW-11S Date Received: 08/28/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 09/04/24 12:47

Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.21	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2449146

Project Number: 12.0076761.20 **Report Date:** 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-02 Date Collected: 08/27/24 14:10

Client ID: SMP-MW-11S Date Received: 08/28/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	4.7		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	2.1	J	ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	2.1	J	ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2449146

Project Number: 12.0076761.20 **Report Date:** 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-02 Date Collected: 08/27/24 14:10

Client ID: SMP-MW-11S Date Received: 08/28/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	93		70-130

Project Name: SMP **Lab Number:** L2449146

Project Number: 12.0076761.20 **Report Date:** 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-03 Date Collected: 08/27/24 10:20
Client ID: SMP-MW-16 Date Received: 08/28/24
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 09/04/24 13:10
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	42		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2449146

Project Number: 12.0076761.20 **Report Date:** 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-03 Date Collected: 08/27/24 10:20

Client ID: SMP-MW-16 Date Received: 08/28/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	0.64	J	ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	71		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	71		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2449146

Project Number: 12.0076761.20 **Report Date:** 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-03 Date Collected: 08/27/24 10:20

Client ID: SMP-MW-16 Date Received: 08/28/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	98		70-130

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2449146
Report Date: 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-04
Client ID: SMP-MW-17
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY
Date Collected: 08/27/24 12:08
Date Received: 08/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 09/04/24 13:34
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.20	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2449146

Project Number: 12.0076761.20 **Report Date:** 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-04 Date Collected: 08/27/24 12:08

Client ID: SMP-MW-17 Date Received: 08/28/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.18	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	2.8		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	2.8		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2449146

Project Number: 12.0076761.20 **Report Date:** 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-04 Date Collected: 08/27/24 12:08

Client ID: SMP-MW-17 Date Received: 08/28/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	92		70-130

Project Name: SMP **Lab Number:** L2449146

Project Number: 12.0076761.20 **Report Date:** 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-05 Date Collected: 08/27/24 14:55

Client ID: SMP-MW-18 Date Received: 08/28/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 09/04/24 13:58

Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.20	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2449146

Project Number: 12.0076761.20 **Report Date:** 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-05 Date Collected: 08/27/24 14:55

Client ID: SMP-MW-18 Date Received: 08/28/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	11		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	11		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2449146

Project Number: 12.0076761.20 **Report Date:** 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-05 Date Collected: 08/27/24 14:55

Client ID: SMP-MW-18 Date Received: 08/28/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	95		70-130

Project Name: SMP **Lab Number:** L2449146

Project Number: 12.0076761.20 **Report Date:** 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-06 Date Collected: 08/27/24 13:25

Client ID: SMP-MW-19 Date Received: 08/28/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 09/04/24 14:22

Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.40	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2449146

Project Number: 12.0076761.20 **Report Date:** 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-06 Date Collected: 08/27/24 13:25

Client ID: SMP-MW-19 Date Received: 08/28/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	7.8		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	7.8		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.7	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2449146

Project Number: 12.0076761.20 **Report Date:** 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-06 Date Collected: 08/27/24 13:25

Client ID: SMP-MW-19 Date Received: 08/28/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	95		70-130

Project Name: SMP **Lab Number:** L2449146

Project Number: 12.0076761.20 **Report Date:** 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-07 Date Collected: 08/27/24 12:00

Client ID: SMP-MW-20 Date Received: 08/28/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 09/04/24 14:45

Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.13	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2449146

Project Number: 12.0076761.20 **Report Date:** 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-07 Date Collected: 08/27/24 12:00

Client ID: SMP-MW-20 Date Received: 08/28/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	3.7		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	3.7		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2449146

Project Number: 12.0076761.20 **Report Date:** 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-07 Date Collected: 08/27/24 12:00

Client ID: SMP-MW-20 Date Received: 08/28/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	98		70-130

Project Name: SMP **Lab Number:** L2449146

Project Number: 12.0076761.20 **Report Date:** 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-08 Date Collected: 08/27/24 18:25

Client ID: SMP-FIELD BLANK Date Received: 08/28/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 09/04/24 15:09

Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2449146

Project Number: 12.0076761.20 **Report Date:** 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-08 Date Collected: 08/27/24 18:25

Client ID: SMP-FIELD BLANK Date Received: 08/28/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2449146

Project Number: 12.0076761.20 **Report Date:** 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-08 Date Collected: 08/27/24 18:25

Client ID: SMP-FIELD BLANK Date Received: 08/28/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	98		70-130

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2449146
Report Date: 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-09
Client ID: TRIP BLANK
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY
Date Collected: 08/27/24 00:00
Date Received: 08/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 09/04/24 15:33
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2449146

Project Number: 12.0076761.20 **Report Date:** 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-09 Date Collected: 08/27/24 00:00

Client ID: TRIP BLANK Date Received: 08/28/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2449146

Project Number: 12.0076761.20 **Report Date:** 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-09 Date Collected: 08/27/24 00:00

Client ID: TRIP BLANK Date Received: 08/28/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	101		70-130

Project Name: SMP **Lab Number:** L2449146

Project Number: 12.0076761.20 **Report Date:** 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-10 Date Collected: 08/27/24 14:50
Client ID: SMP-DUP Date Received: 08/28/24
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 09/04/24 15:56
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.23	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2449146

Project Number: 12.0076761.20 **Report Date:** 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-10 Date Collected: 08/27/24 14:50

Client ID: SMP-DUP Date Received: 08/28/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	4.6		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	2.0	J	ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	2.0	J	ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SMP **Lab Number:** L2449146

Project Number: 12.0076761.20 **Report Date:** 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-10 Date Collected: 08/27/24 14:50

Client ID: SMP-DUP Date Received: 08/28/24

Sample Location: 3718 NORTHERN BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	102		70-130

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2449146
Report Date: 09/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/04/24 08:25
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1967385-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2449146
Report Date: 09/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/04/24 08:25
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1967385-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2449146
Report Date: 09/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/04/24 08:25
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1967385-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	97		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449146
Report Date: 09/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1967385-3 WG1967385-4								
Methylene chloride	92		86		70-130	7		20
1,1-Dichloroethane	100		95		70-130	5		20
Chloroform	94		88		70-130	7		20
Carbon tetrachloride	85		79		63-132	7		20
1,2-Dichloropropane	100		98		70-130	2		20
Dibromochloromethane	92		90		63-130	2		20
1,1,2-Trichloroethane	100		98		70-130	2		20
Tetrachloroethene	98		89		70-130	10		20
Chlorobenzene	98		91		75-130	7		20
Trichlorofluoromethane	82		70		62-150	16		20
1,2-Dichloroethane	100		98		70-130	2		20
1,1,1-Trichloroethane	86		81		67-130	6		20
Bromodichloromethane	93		86		67-130	8		20
trans-1,3-Dichloropropene	97		95		70-130	2		20
cis-1,3-Dichloropropene	94		88		70-130	7		20
1,1-Dichloropropene	93		86		70-130	8		20
Bromoform	90		84		54-136	7		20
1,1,2,2-Tetrachloroethane	110		100		67-130	10		20
Benzene	97		91		70-130	6		20
Toluene	100		93		70-130	7		20
Ethylbenzene	95		91		70-130	4		20
Chloromethane	100		98		64-130	2		20
Bromomethane	47		39		39-139	19		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449146
Report Date: 09/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1967385-3 WG1967385-4								
Vinyl chloride	100		91		55-140	9		20
Chloroethane	81		73		55-138	10		20
1,1-Dichloroethene	90		77		61-145	16		20
trans-1,2-Dichloroethene	93		86		70-130	8		20
Trichloroethene	89		84		70-130	6		20
1,2-Dichlorobenzene	96		91		70-130	5		20
1,3-Dichlorobenzene	95		91		70-130	4		20
1,4-Dichlorobenzene	98		94		70-130	4		20
Methyl tert butyl ether	86		84		63-130	2		20
p/m-Xylene	95		90		70-130	5		20
o-Xylene	95		90		70-130	5		20
cis-1,2-Dichloroethene	95		86		70-130	10		20
Dibromomethane	91		88		70-130	3		20
1,2,3-Trichloropropane	100		95		64-130	5		20
Acrylonitrile	110		110		70-130	0		20
Styrene	95		90		70-130	5		20
Dichlorodifluoromethane	62		57		36-147	8		20
Acetone	96		88		58-148	9		20
Carbon disulfide	96		89		51-130	8		20
2-Butanone	110		120		63-138	9		20
Vinyl acetate	**170**	Q	**160**	Q	70-130	6		20
4-Methyl-2-pentanone	110		100		59-130	10		20
2-Hexanone	100		100		57-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449146
Report Date: 09/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1967385-3 WG1967385-4								
Bromochloromethane	90		87		70-130	3		20
2,2-Dichloropropane	97		89		63-133	9		20
1,2-Dibromoethane	94		90		70-130	4		20
1,3-Dichloropropane	100		99		70-130	1		20
1,1,1,2-Tetrachloroethane	93		86		64-130	8		20
Bromobenzene	94		90		70-130	4		20
n-Butylbenzene	99		89		53-136	11		20
sec-Butylbenzene	92		86		70-130	7		20
tert-Butylbenzene	91		84		70-130	8		20
o-Chlorotoluene	97		91		70-130	6		20
p-Chlorotoluene	97		90		70-130	7		20
1,2-Dibromo-3-chloropropane	88		83		41-144	6		20
Hexachlorobutadiene	100		96		63-130	4		20
Isopropylbenzene	92		86		70-130	7		20
p-Isopropyltoluene	92		87		70-130	6		20
Naphthalene	82		75		70-130	9		20
n-Propylbenzene	96		88		69-130	9		20
1,2,3-Trichlorobenzene	92		86		70-130	7		20
1,2,4-Trichlorobenzene	95		87		70-130	9		20
1,3,5-Trimethylbenzene	92		87		64-130	6		20
1,2,4-Trimethylbenzene	94		88		70-130	7		20
1,4-Dioxane	**48**	Q	58		56-162	19		20
p-Diethylbenzene	91		85		70-130	7		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SMP

Project Number: 12.0076761.20

Lab Number: L2449146

Report Date: 09/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1967385-3 WG1967385-4								
p-Ethyltoluene	93		88		70-130	6		20
1,2,4,5-Tetramethylbenzene	84		77		70-130	9		20
Ethyl ether	92		85		59-134	8		20
trans-1,4-Dichloro-2-butene	110		110		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	110		110		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	94		92		70-130
Dibromofluoromethane	94		95		70-130

SEMIVOLATILES

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2449146
Report Date: 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-01 D
Client ID: SMP-MW-10
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 09/05/24 11:56
Analyst: CSP

Date Collected: 08/27/24 10:20
Date Received: 08/28/24
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 09/03/24 15:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	78.9	J	ng/l	300	67.8	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	42		15-110

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2449146
Report Date: 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-02
Client ID: SMP-MW-11S
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 08/27/24 14:10
Date Received: 08/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 09/05/24 01:19
Analyst: CSP

Extraction Method: EPA 3510C
Extraction Date: 09/03/24 15:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	201.		ng/l	153	34.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	40		15-110

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2449146
Report Date: 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-03
Client ID: SMP-MW-16
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 08/27/24 10:20
Date Received: 08/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 09/05/24 01:42
Analyst: CSP

Extraction Method: EPA 3510C
Extraction Date: 09/03/24 15:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	968.		ng/l	150	33.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	39		15-110

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2449146
Report Date: 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-04
Client ID: SMP-MW-17
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 08/27/24 12:08
Date Received: 08/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 09/05/24 02:05
Analyst: CSP

Extraction Method: EPA 3510C
Extraction Date: 09/03/24 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	171.		ng/l	144	32.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	38		15-110

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2449146
Report Date: 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-05
Client ID: SMP-MW-18
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 08/27/24 14:55
Date Received: 08/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 09/05/24 02:28
Analyst: CSP

Extraction Method: EPA 3510C
Extraction Date: 09/03/24 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	311.		ng/l	150	33.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	35		15-110

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2449146
Report Date: 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-06
Client ID: SMP-MW-19
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 08/27/24 13:25
Date Received: 08/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 09/05/24 02:51
Analyst: CSP

Extraction Method: EPA 3510C
Extraction Date: 09/03/24 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	636.		ng/l	136	30.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	37		15-110

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2449146
Report Date: 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-07
Client ID: SMP-MW-20
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 08/27/24 12:00
Date Received: 08/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 09/05/24 03:14
Analyst: CSP

Extraction Method: EPA 3510C
Extraction Date: 09/03/24 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	162.		ng/l	153	34.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	37		15-110

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2449146
Report Date: 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-08
Client ID: SMP-FIELD BLANK
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 08/27/24 18:25
Date Received: 08/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 09/05/24 03:38
Analyst: CSP

Extraction Method: EPA 3510C
Extraction Date: 09/03/24 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	150	33.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	39		15-110

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2449146
Report Date: 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-10
Client ID: SMP-DUP
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 08/27/24 14:50
Date Received: 08/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 09/04/24 14:06
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 09/03/24 23:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	177.		ng/l	150	33.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	49		15-110

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449146
Report Date: 09/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/04/24 21:50
Analyst: CSP

Extraction Method: EPA 3510C
Extraction Date: 09/03/24 15:41

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 01-08 Batch: WG1966999-1					
1,4-Dioxane	44.3	J	ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	39		15-110

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449146
Report Date: 09/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/04/24 13:02
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 09/03/24 23:11

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 10 Batch: WG1967085-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	39		15-110

Lab Control Sample Analysis

Batch Quality Control

Project Name: SMP

Project Number: 12.0076761.20

Lab Number: L2449146

Report Date: 09/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab	Associated sample(s): 01-08		Batch: WG1966999-2 WG1966999-3					
1,4-Dioxane	120		120		40-140	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	34		40		15-110

Lab Control Sample Analysis

Batch Quality Control

Project Name: SMP

Project Number: 12.0076761.20

Lab Number: L2449146

Report Date: 09/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab Associated sample(s): 10 Batch: WG1967085-2 WG1967085-3								
1,4-Dioxane	109		109		40-140	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	49		52		15-110

METALS

Project Name: SMP
Lab Number: L2449146
Project Number: 12.0076761.20
Report Date: 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-01
Client ID: SMP-MW-10
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY
Date Collected: 08/27/24 10:20
Date Received: 08/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.00426		mg/l	0.00050	0.00016	1	09/04/24 18:28	09/05/24 13:39	EPA 3005A	1,6020B	EJF
Iron, Total	9.93		mg/l	0.0500	0.0191	1	09/04/24 18:28	09/05/24 13:39	EPA 3005A	1,6020B	EJF
Manganese, Total	0.9562		mg/l	0.00100	0.00044	1	09/04/24 18:28	09/05/24 13:39	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	0.00054		mg/l	0.00050	0.00016	1	09/03/24 23:14	09/05/24 09:53	EPA 3005A	1,6020B	EJF
Iron, Dissolved	0.140		mg/l	0.0500	0.0191	1	09/03/24 23:14	09/05/24 09:53	EPA 3005A	1,6020B	EJF
Manganese, Dissolved	0.00380		mg/l	0.00100	0.00044	1	09/03/24 23:14	09/05/24 09:53	EPA 3005A	1,6020B	EJF

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2449146
Report Date: 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-02
Client ID: SMP-MW-11S
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY
Date Collected: 08/27/24 14:10
Date Received: 08/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	09/04/24 18:28	09/05/24 11:47	EPA 3005A	1,6020B	EJF
Iron, Total	0.274		mg/l	0.0500	0.0191	1	09/04/24 18:28	09/05/24 11:47	EPA 3005A	1,6020B	EJF
Manganese, Total	0.5226		mg/l	0.00100	0.00044	1	09/04/24 18:28	09/05/24 11:47	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	09/03/24 23:14	09/05/24 09:58	EPA 3005A	1,6020B	EJF
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	09/03/24 23:14	09/05/24 09:58	EPA 3005A	1,6020B	EJF
Manganese, Dissolved	0.4764		mg/l	0.00100	0.00044	1	09/03/24 23:14	09/05/24 09:58	EPA 3005A	1,6020B	EJF

Project Name: SMP
Lab Number: L2449146
Project Number: 12.0076761.20
Report Date: 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-03
Client ID: SMP-MW-16
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY
Date Collected: 08/27/24 10:20
Date Received: 08/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.00611		mg/l	0.00050	0.00016	1	09/04/24 18:28	09/05/24 11:52	EPA 3005A	1,6020B	EJF
Iron, Total	3.75		mg/l	0.0500	0.0191	1	09/04/24 18:28	09/05/24 11:52	EPA 3005A	1,6020B	EJF
Manganese, Total	0.4424		mg/l	0.00100	0.00044	1	09/04/24 18:28	09/05/24 11:52	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	0.00232		mg/l	0.00050	0.00016	1	09/03/24 23:14	09/05/24 10:02	EPA 3005A	1,6020B	EJF
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	09/03/24 23:14	09/05/24 10:02	EPA 3005A	1,6020B	EJF
Manganese, Dissolved	0.4088		mg/l	0.00100	0.00044	1	09/03/24 23:14	09/05/24 10:02	EPA 3005A	1,6020B	EJF

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2449146
Report Date: 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-04
Client ID: SMP-MW-17
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY
Date Collected: 08/27/24 12:08
Date Received: 08/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	09/04/24 18:28	09/05/24 11:57	EPA 3005A	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	09/04/24 18:28	09/05/24 11:57	EPA 3005A	1,6020B	EJF
Manganese, Total	0.5036		mg/l	0.00100	0.00044	1	09/04/24 18:28	09/05/24 11:57	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	09/03/24 23:14	09/05/24 10:07	EPA 3005A	1,6020B	EJF
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	09/03/24 23:14	09/05/24 10:07	EPA 3005A	1,6020B	EJF
Manganese, Dissolved	0.4120		mg/l	0.00100	0.00044	1	09/03/24 23:14	09/05/24 10:07	EPA 3005A	1,6020B	EJF

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2449146
Report Date: 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-05
Client ID: SMP-MW-18
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY
Date Collected: 08/27/24 14:55
Date Received: 08/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	09/04/24 18:28	09/05/24 12:47	EPA 3005A	1,6020B	EJF
Iron, Total	0.0443	J	mg/l	0.0500	0.0191	1	09/04/24 18:28	09/05/24 12:47	EPA 3005A	1,6020B	EJF
Manganese, Total	0.2054		mg/l	0.00100	0.00044	1	09/04/24 18:28	09/05/24 12:47	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	09/03/24 23:14	09/05/24 10:12	EPA 3005A	1,6020B	EJF
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	09/03/24 23:14	09/05/24 10:12	EPA 3005A	1,6020B	EJF
Manganese, Dissolved	0.1753		mg/l	0.00100	0.00044	1	09/03/24 23:14	09/05/24 10:12	EPA 3005A	1,6020B	EJF

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2449146
Report Date: 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-06
Client ID: SMP-MW-19
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY
Date Collected: 08/27/24 13:25
Date Received: 08/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	09/04/24 18:28	09/05/24 12:52	EPA 3005A	1,6020B	EJF
Iron, Total	0.338		mg/l	0.0500	0.0191	1	09/04/24 18:28	09/05/24 12:52	EPA 3005A	1,6020B	EJF
Manganese, Total	0.3664		mg/l	0.00100	0.00044	1	09/04/24 18:28	09/05/24 12:52	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	09/03/24 23:14	09/05/24 10:16	EPA 3005A	1,6020B	EJF
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	09/03/24 23:14	09/05/24 10:16	EPA 3005A	1,6020B	EJF
Manganese, Dissolved	0.2370		mg/l	0.00100	0.00044	1	09/03/24 23:14	09/05/24 10:16	EPA 3005A	1,6020B	EJF

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2449146
Report Date: 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-07
Client ID: SMP-MW-20
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY
Date Collected: 08/27/24 12:00
Date Received: 08/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	09/04/24 18:28	09/05/24 12:56	EPA 3005A	1,6020B	EJF
Iron, Total	0.279		mg/l	0.0500	0.0191	1	09/04/24 18:28	09/05/24 12:56	EPA 3005A	1,6020B	EJF
Manganese, Total	0.1651		mg/l	0.00100	0.00044	1	09/04/24 18:28	09/05/24 12:56	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	09/03/24 23:14	09/05/24 10:21	EPA 3005A	1,6020B	EJF
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	09/03/24 23:14	09/05/24 10:21	EPA 3005A	1,6020B	EJF
Manganese, Dissolved	0.1515		mg/l	0.00100	0.00044	1	09/03/24 23:14	09/05/24 10:21	EPA 3005A	1,6020B	EJF

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2449146
Report Date: 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-08
Client ID: SMP-FIELD BLANK
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY
Date Collected: 08/27/24 18:25
Date Received: 08/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	09/04/24 18:28	09/05/24 15:13	EPA 3005A	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	09/04/24 18:28	09/05/24 15:13	EPA 3005A	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	09/04/24 18:28	09/05/24 15:13	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	09/03/24 23:14	09/05/24 09:48	EPA 3005A	1,6020B	EJF
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	09/03/24 23:14	09/05/24 09:48	EPA 3005A	1,6020B	EJF
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	09/03/24 23:14	09/05/24 09:48	EPA 3005A	1,6020B	EJF

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2449146
Report Date: 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-10
Client ID: SMP-DUP
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY
Date Collected: 08/27/24 14:50
Date Received: 08/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	09/04/24 18:28	09/05/24 13:10	EPA 3005A	1,6020B	EJF
Iron, Total	0.276		mg/l	0.0500	0.0191	1	09/04/24 18:28	09/05/24 13:10	EPA 3005A	1,6020B	EJF
Manganese, Total	0.5273		mg/l	0.00100	0.00044	1	09/04/24 18:28	09/05/24 13:10	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	09/03/24 23:14	09/05/24 10:26	EPA 3005A	1,6020B	EJF
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	09/03/24 23:14	09/05/24 10:26	EPA 3005A	1,6020B	EJF
Manganese, Dissolved	0.4349		mg/l	0.00100	0.00044	1	09/03/24 23:14	09/05/24 10:26	EPA 3005A	1,6020B	EJF

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2449146
Report Date: 09/10/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-08,10 Batch: WG1966990-1										
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	09/03/24 23:14	09/04/24 10:01	1,6020B	EJF
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	09/03/24 23:14	09/04/24 10:01	1,6020B	EJF
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	09/03/24 23:14	09/04/24 10:01	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-08,10 Batch: WG1967437-1										
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	09/04/24 18:28	09/05/24 13:30	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	09/04/24 18:28	09/05/24 13:30	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	09/04/24 18:28	09/05/24 13:30	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: SMP

Project Number: 12.0076761.20

Lab Number: L2449146

Report Date: 09/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-08,10 Batch: WG1966990-2								
Arsenic, Dissolved	108		-		80-120	-		
Iron, Dissolved	112		-		80-120	-		
Manganese, Dissolved	113		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-08,10 Batch: WG1967437-2								
Arsenic, Total	96		-		80-120	-		
Iron, Total	103		-		80-120	-		
Manganese, Total	103		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449146
Report Date: 09/10/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-08,10 QC Batch ID: WG1966990-3 QC Sample: L2449611-05 Client ID: MS Sample												
Arsenic, Dissolved	0.00708	0.12	0.1355	107		-	-		75-125	-		20
Iron, Dissolved	0.0678	1	1.24	117		-	-		75-125	-		20
Manganese, Dissolved	0.1668	0.5	0.7464	116		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-08,10 QC Batch ID: WG1967437-3 QC Sample: L2449146-01 Client ID: SMP-MW-10												
Arsenic, Total	0.00426	0.12	0.1231	99		-	-		75-125	-		20
Iron, Total	9.93	1	11.4	**147**	Q	-	-		75-125	-		20
Manganese, Total	0.9562	0.5	1.566	122		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: SMP

Project Number: 12.0076761.20

Lab Number: L2449146

Report Date: 09/10/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-08,10 QC Batch ID: WG1966990-4 QC Sample: L2449611-05 Client ID: DUP Sample						
Arsenic, Dissolved	0.00708	0.00744	mg/l	5		20
Iron, Dissolved	0.0678	0.0686	mg/l	1		20
Manganese, Dissolved	0.1668	0.1708	mg/l	2		20
Total Metals - Mansfield Lab Associated sample(s): 01-08,10 QC Batch ID: WG1967437-4 QC Sample: L2449146-01 Client ID: SMP-MW-10						
Arsenic, Total	0.00426	0.00456	mg/l	7		20
Iron, Total	9.93	9.74	mg/l	2		20
Manganese, Total	0.9562	0.9742	mg/l	2		20

INORGANICS
&
MISCELLANEOUS

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449146
Report Date: 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-01
Client ID: SMP-MW-10
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 08/27/24 10:20
Date Received: 08/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chloride	550		mg/l	10	8.9	10	-	09/03/24 13:34	121,4500CL-E	JER
Nitrogen, Nitrate	ND		mg/l	0.100	0.022	1	-	08/29/24 06:59	121,4500NO3-F	KAF
Sulfate	35.		mg/l	10	1.4	1	09/05/24 09:00	09/05/24 09:00	1,9038	MRW
Total Organic Carbon	24.		mg/l	5.0	0.97	10	-	08/30/24 02:29	1,9060A	DEW

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449146
Report Date: 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-02
Client ID: SMP-MW-11S
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 08/27/24 14:10
Date Received: 08/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chloride	170		mg/l	10	8.9	10	-	09/03/24 13:40	121,4500CL-E	JER
Sulfate	40.		mg/l	25	3.4	2.5	09/05/24 09:00	09/05/24 09:00	1,9038	MRW
Total Organic Carbon	0.99		mg/l	0.50	0.09	1	-	08/30/24 02:29	1,9060A	DEW

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449146
Report Date: 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-03
Client ID: SMP-MW-16
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 08/27/24 10:20
Date Received: 08/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chloride	260		mg/l	10	8.9	10	-	09/03/24 13:42	121,4500CL-E	JER
Nitrogen, Nitrate	ND		mg/l	0.100	0.022	1	-	08/29/24 07:01	121,4500NO3-F	KAF
Sulfate	78.		mg/l	25	3.4	2.5	09/05/24 09:00	09/05/24 09:00	1,9038	MRW
Total Organic Carbon	1.0		mg/l	0.50	0.09	1	-	08/30/24 02:29	1,9060A	DEW

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449146
Report Date: 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-04
Client ID: SMP-MW-17
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 08/27/24 12:08
Date Received: 08/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chloride	200		mg/l	10	8.9	10	-	09/03/24 14:07	121,4500CL-E	JER
Nitrogen, Nitrate	ND		mg/l	0.100	0.022	1	-	08/29/24 07:05	121,4500NO3-F	KAF
Sulfate	47.		mg/l	25	3.4	2.5	09/05/24 09:00	09/05/24 09:00	1,9038	MRW
Total Organic Carbon	1.1		mg/l	0.50	0.09	1	-	08/30/24 02:29	1,9060A	DEW

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449146
Report Date: 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-05
Client ID: SMP-MW-18
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 08/27/24 14:55
Date Received: 08/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chloride	220		mg/l	10	8.9	10	-	09/03/24 14:09	121,4500CL-E	JER
Sulfate	55.		mg/l	25	3.4	2.5	09/05/24 09:00	09/05/24 09:00	1,9038	MRW
Total Organic Carbon	0.79		mg/l	0.50	0.09	1	-	08/30/24 02:29	1,9060A	DEW

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449146
Report Date: 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-06
Client ID: SMP-MW-19
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 08/27/24 13:25
Date Received: 08/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chloride	240		mg/l	10	8.9	10	-	09/03/24 14:13	121,4500CL-E	JER
Nitrogen, Nitrate	0.040	J	mg/l	0.100	0.022	1	-	08/29/24 07:06	121,4500NO3-F	KAF
Sulfate	85.		mg/l	25	3.4	2.5	09/05/24 09:00	09/05/24 09:00	1,9038	MRW
Total Organic Carbon	0.98		mg/l	0.50	0.09	1	-	08/30/24 02:29	1,9060A	DEW

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449146
Report Date: 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-07
Client ID: SMP-MW-20
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 08/27/24 12:00
Date Received: 08/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chloride	200		mg/l	10	8.9	10	-	09/03/24 13:47	121,4500CL-E	JER
Nitrogen, Nitrate	ND		mg/l	0.100	0.022	1	-	08/29/24 07:07	121,4500NO3-F	KAF
Sulfate	48.		mg/l	25	3.4	2.5	09/05/24 09:00	09/05/24 09:00	1,9038	MRW
Total Organic Carbon	1.6		mg/l	0.50	0.09	1	-	08/30/24 02:29	1,9060A	DEW

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449146
Report Date: 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-08
Client ID: SMP-FIELD BLANK
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 08/27/24 18:25
Date Received: 08/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chloride	ND		mg/l	1.0	0.89	1	-	09/03/24 13:49	121,4500CL-E	JER
Sulfate	1.8	J	mg/l	10	1.4	1	09/05/24 10:30	09/05/24 10:30	1,9038	MRW
Total Organic Carbon	0.28	J	mg/l	0.50	0.09	1	-	08/30/24 02:29	1,9060A	DEW

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449146
Report Date: 09/10/24

SAMPLE RESULTS

Lab ID: L2449146-10
Client ID: SMP-DUP
Sample Location: 3718 NORTHERN BLVD, QUEENS, NY

Date Collected: 08/27/24 14:50
Date Received: 08/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chloride	180		mg/l	10	8.9	10	-	09/03/24 14:15	121,4500CL-E	JER
Sulfate	39.		mg/l	25	3.4	2.5	09/05/24 10:30	09/05/24 10:30	1,9038	MRW
Total Organic Carbon	0.93		mg/l	0.50	0.09	1	-	08/30/24 02:29	1,9060A	DEW

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2449146
Report Date: 09/10/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01,03-04,06-07 Batch: WG1965324-1										
Nitrogen, Nitrate	ND		mg/l	0.100	0.022	1	-	08/29/24 03:40	121,4500NO3-F	KAF
General Chemistry - Westborough Lab for sample(s): 01-08,10 Batch: WG1965820-1										
Total Organic Carbon	ND		mg/l	0.50	0.09	1	-	08/30/24 02:29	1,9060A	DEW
General Chemistry - Westborough Lab for sample(s): 01-08,10 Batch: WG1966864-1										
Chloride	ND		mg/l	1.0	0.89	1	-	09/03/24 11:35	121,4500CL-E	JER
General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG1967432-1										
Sulfate	1.8	J	mg/l	10	1.4	1	09/05/24 09:00	09/05/24 09:00	1,9038	MRW
General Chemistry - Westborough Lab for sample(s): 08,10 Batch: WG1967433-1										
Sulfate	1.8	J	mg/l	10	1.4	1	09/05/24 10:30	09/05/24 10:30	1,9038	MRW

Lab Control Sample Analysis

Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449146
Report Date: 09/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03-04,06-07 Batch: WG1965324-2								
Nitrogen, Nitrate	100		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-08,10 Batch: WG1965820-2								
Total Organic Carbon	99		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-08,10 Batch: WG1966864-2								
Chloride	97		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG1967432-2								
Sulfate	95		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 08,10 Batch: WG1967433-2								
Sulfate	95		-		90-110	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449146
Report Date: 09/10/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03-04,06-07 QC Batch ID: WG1965324-4 QC Sample: L2449027-01 Client ID: MS Sample												
Nitrogen, Nitrate	ND	4	3.64	91		-	-		83-113	-		17
General Chemistry - Westborough Lab Associated sample(s): 01-08,10 QC Batch ID: WG1965820-4 QC Sample: L2449146-01 Client ID: SMP-MW-10												
Total Organic Carbon	24.	80	100	95		-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-08,10 QC Batch ID: WG1966864-4 QC Sample: L2449146-01 Client ID: SMP-MW-10												
Chloride	550	20	580	**150**	Q	-	-		58-140	-		7
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1967432-4 QC Sample: L2449145-01 Client ID: MS Sample												
Sulfate	680	2000	2800	106		-	-		55-147	-		14
General Chemistry - Westborough Lab Associated sample(s): 08,10 QC Batch ID: WG1967433-4 QC Sample: L2449146-08 Client ID: SMP-FIELD BLANK												
Sulfate	1.8J	20	19	95		-	-		55-147	-		14

Lab Duplicate Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449146
Report Date: 09/10/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03-04,06-07 QC Batch ID: WG1965324-3 QC Sample: L2449027-01 Client ID: DUP Sample						
Nitrogen, Nitrate	ND	ND	mg/l	NC		17
General Chemistry - Westborough Lab Associated sample(s): 01-08,10 QC Batch ID: WG1965820-3 QC Sample: L2449146-01 Client ID: SMP-MW-10						
Total Organic Carbon	24.	21	mg/l	13		20
General Chemistry - Westborough Lab Associated sample(s): 01-08,10 QC Batch ID: WG1966864-3 QC Sample: L2449146-01 Client ID: SMP-MW-10						
Chloride	550	550	mg/l	0		7
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1967432-3 QC Sample: L2449145-01 Client ID: DUP Sample						
Sulfate	680	720	mg/l	6		14
General Chemistry - Westborough Lab Associated sample(s): 08,10 QC Batch ID: WG1967433-3 QC Sample: L2449146-08 Client ID: SMP-FIELD BLANK						
Sulfate	1.8J	1.9J	mg/l	NC		14

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449146
Report Date: 09/10/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2449146-01A	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260(14)
L2449146-01B	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260(14)
L2449146-01C	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260(14)
L2449146-01D	Vial HCl preserved	A	N/A	N/A	3.8	Y	Absent		SUB-DISSGAS(14)
L2449146-01E	Vial HCl preserved	A	N/A	N/A	3.8	Y	Absent		SUB-DISSGAS(14)
L2449146-01F	Vial H2SO4 preserved	A	NA		3.8	Y	Absent		TOC-9060(28)
L2449146-01G	Vial H2SO4 preserved	A	NA		3.8	Y	Absent		TOC-9060(28)
L2449146-01H	Vial H2SO4 preserved	A	NA		3.8	Y	Absent		TOC-9060(28)
L2449146-01I	Plastic 250ml HNO3 preserved	A	<2	<2	3.8	Y	Absent		FE-6020T(180),MN-6020T(180),AS-6020T(180)
L2449146-01J	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.8	Y	Absent		SUB-SULFIDE(7)
L2449146-01K	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.8	Y	Absent		SUB-SULFIDE(7)
L2449146-01L	Plastic 250ml unpreserved	A	7	7	3.8	Y	Absent		CL-4500(28),SO4-9038(28),NO3-4500(2)
L2449146-01M	Plastic 250ml unpreserved	A	7	7	3.8	Y	Absent		-
L2449146-01N	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2449146-01O	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2449146-01X	Plastic 120ml HNO3 preserved Filtrates	A	N/A	N/A	3.8	Y	Absent		MN-6020S(180),FE-6020S(180),AS-6020S(180)
L2449146-02A	Vial HCl preserved	B	NA		4.0	Y	Absent		NYTCL-8260(14)
L2449146-02B	Vial HCl preserved	B	NA		4.0	Y	Absent		NYTCL-8260(14)
L2449146-02C	Vial HCl preserved	B	NA		4.0	Y	Absent		NYTCL-8260(14)
L2449146-02D	Vial HCl preserved	B	N/A	N/A	4.0	Y	Absent		SUB-DISSGAS(14)
L2449146-02E	Vial HCl preserved	B	N/A	N/A	4.0	Y	Absent		SUB-DISSGAS(14)

*Values in parentheses indicate holding time in days

Project Name: SMP
Project Number: 12.0076761.20

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2449146-02F	Vial H2SO4 preserved	B	NA		4.0	Y	Absent		TOC-9060(28)
L2449146-02G	Vial H2SO4 preserved	B	NA		4.0	Y	Absent		TOC-9060(28)
L2449146-02H	Vial H2SO4 preserved	B	NA		4.0	Y	Absent		TOC-9060(28)
L2449146-02J	Plastic 250ml unpreserved	B	7	7	4.0	Y	Absent		SO4-9038(28),CL-4500(28)
L2449146-02K	Plastic 250ml unpreserved	B	7	7	4.0	Y	Absent		-
L2449146-02L	Plastic 250ml HNO3 preserved	B	<2	<2	4.0	Y	Absent		FE-6020T(180),MN-6020T(180),AS-6020T(180)
L2449146-02M	Amber 250ml unpreserved	B	7	7	4.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2449146-02N	Amber 250ml unpreserved	B	7	7	4.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2449146-02O	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	4.0	Y	Absent		SUB-SULFIDE(7)
L2449146-02P	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	4.0	Y	Absent		SUB-SULFIDE(7)
L2449146-02X	Plastic 120ml HNO3 preserved Filtrates	B	N/A	N/A	4.0	Y	Absent		MN-6020S(180),FE-6020S(180),AS-6020S(180)
L2449146-03A	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260(14)
L2449146-03B	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260(14)
L2449146-03C	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260(14)
L2449146-03D	Vial HCl preserved	A	N/A	N/A	3.8	Y	Absent		SUB-DISSGAS(14)
L2449146-03E	Vial HCl preserved	A	N/A	N/A	3.8	Y	Absent		SUB-DISSGAS(14)
L2449146-03F	Vial H2SO4 preserved	A	NA		3.8	Y	Absent		TOC-9060(28)
L2449146-03G	Vial H2SO4 preserved	A	NA		3.8	Y	Absent		TOC-9060(28)
L2449146-03H	Vial H2SO4 preserved	A	NA		3.8	Y	Absent		TOC-9060(28)
L2449146-03I	Plastic 250ml HNO3 preserved	A	<2	<2	3.8	Y	Absent		FE-6020T(180),MN-6020T(180),AS-6020T(180)
L2449146-03J	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.8	Y	Absent		SUB-SULFIDE(7)
L2449146-03K	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.8	Y	Absent		SUB-SULFIDE(7)
L2449146-03L	Plastic 250ml unpreserved	A	7	7	3.8	Y	Absent		SO4-9038(28),CL-4500(28),NO3-4500(2)
L2449146-03M	Plastic 250ml unpreserved	A	7	7	3.8	Y	Absent		-
L2449146-03N	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2449146-03O	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2449146-03X	Plastic 120ml HNO3 preserved Filtrates	A	N/A	N/A	3.8	Y	Absent		MN-6020S(180),FE-6020S(180),AS-6020S(180)
L2449146-04A	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449146
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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2449146-04B	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260(14)
L2449146-04C	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260(14)
L2449146-04D	Vial HCl preserved	A	N/A	N/A	3.8	Y	Absent		SUB-DISSGAS(14)
L2449146-04E	Vial HCl preserved	A	N/A	N/A	3.8	Y	Absent		SUB-DISSGAS(14)
L2449146-04F	Vial H2SO4 preserved	A	NA		3.8	Y	Absent		TOC-9060(28)
L2449146-04G	Vial H2SO4 preserved	A	NA		3.8	Y	Absent		TOC-9060(28)
L2449146-04H	Vial H2SO4 preserved	A	NA		3.8	Y	Absent		TOC-9060(28)
L2449146-04I	Plastic 250ml HNO3 preserved	A	<2	<2	3.8	Y	Absent		FE-6020T(180),MN-6020T(180),AS-6020T(180)
L2449146-04J	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.8	Y	Absent		SUB-SULFIDE(7)
L2449146-04K	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.8	Y	Absent		SUB-SULFIDE(7)
L2449146-04L	Plastic 250ml unpreserved	A	7	7	3.8	Y	Absent		CL-4500(28),SO4-9038(28),NO3-4500(2)
L2449146-04M	Plastic 250ml unpreserved	A	7	7	3.8	Y	Absent		-
L2449146-04N	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2449146-04O	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2449146-04X	Plastic 120ml HNO3 preserved Filtrates	A	N/A	N/A	3.8	Y	Absent		MN-6020S(180),FE-6020S(180),AS-6020S(180)
L2449146-05A	Vial HCl preserved	C	NA		4.6	Y	Absent		NYTCL-8260(14)
L2449146-05B	Vial HCl preserved	C	NA		4.6	Y	Absent		NYTCL-8260(14)
L2449146-05C	Vial HCl preserved	C	NA		4.6	Y	Absent		NYTCL-8260(14)
L2449146-05D	Vial HCl preserved	C	N/A	N/A	4.6	Y	Absent		SUB-DISSGAS(14)
L2449146-05E	Vial HCl preserved	C	N/A	N/A	4.6	Y	Absent		SUB-DISSGAS(14)
L2449146-05F	Vial H2SO4 preserved	C	NA		4.6	Y	Absent		TOC-9060(28)
L2449146-05G	Vial H2SO4 preserved	C	NA		4.6	Y	Absent		TOC-9060(28)
L2449146-05H	Vial H2SO4 preserved	C	NA		4.6	Y	Absent		TOC-9060(28)
L2449146-05J	Plastic 250ml unpreserved	C	7	7	4.6	Y	Absent		SO4-9038(28),CL-4500(28)
L2449146-05K	Plastic 250ml unpreserved	C	7	7	4.6	Y	Absent		-
L2449146-05L	Plastic 250ml HNO3 preserved	C	<2	<2	4.6	Y	Absent		FE-6020T(180),MN-6020T(180),AS-6020T(180)
L2449146-05M	Amber 250ml unpreserved	C	7	7	4.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2449146-05N	Amber 250ml unpreserved	C	7	7	4.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2449146-05O	Plastic 250ml Zn Acetate/NaOH preserved	C	>9	>9	4.6	Y	Absent		SUB-SULFIDE(7)
L2449146-05P	Plastic 250ml Zn Acetate/NaOH preserved	C	>9	>9	4.6	Y	Absent		SUB-SULFIDE(7)
L2449146-05X	Plastic 120ml HNO3 preserved Filtrates	C	N/A	N/A	4.6	Y	Absent		MN-6020S(180),FE-6020S(180),AS-6020S(180)
L2449146-06A	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260(14)
L2449146-06B	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260(14)
L2449146-06C	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260(14)
L2449146-06D	Vial HCl preserved	A	N/A	N/A	3.8	Y	Absent		SUB-DISSGAS(14)
L2449146-06E	Vial HCl preserved	A	N/A	N/A	3.8	Y	Absent		SUB-DISSGAS(14)
L2449146-06F	Vial H2SO4 preserved	A	NA		3.8	Y	Absent		TOC-9060(28)
L2449146-06G	Vial H2SO4 preserved	A	NA		3.8	Y	Absent		TOC-9060(28)
L2449146-06H	Vial H2SO4 preserved	A	NA		3.8	Y	Absent		TOC-9060(28)
L2449146-06I	Plastic 250ml HNO3 preserved	A	<2	<2	3.8	Y	Absent		FE-6020T(180),MN-6020T(180),AS-6020T(180)
L2449146-06J	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.8	Y	Absent		SUB-SULFIDE(7)
L2449146-06K	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.8	Y	Absent		SUB-SULFIDE(7)
L2449146-06L	Plastic 250ml unpreserved	A	7	7	3.8	Y	Absent		SO4-9038(28),CL-4500(28),NO3-4500(2)
L2449146-06M	Plastic 250ml unpreserved	A	7	7	3.8	Y	Absent		-
L2449146-06N	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2449146-06O	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2449146-06X	Plastic 120ml HNO3 preserved Filtrates	A	N/A	N/A	3.8	Y	Absent		MN-6020S(180),FE-6020S(180),AS-6020S(180)
L2449146-07A	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260(14)
L2449146-07B	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260(14)
L2449146-07C	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260(14)
L2449146-07D	Vial HCl preserved	A	N/A	N/A	3.8	Y	Absent		SUB-DISSGAS(14)
L2449146-07E	Vial HCl preserved	A	N/A	N/A	3.8	Y	Absent		SUB-DISSGAS(14)
L2449146-07F	Vial H2SO4 preserved	A	NA		3.8	Y	Absent		TOC-9060(28)
L2449146-07G	Vial H2SO4 preserved	A	NA		3.8	Y	Absent		TOC-9060(28)
L2449146-07H	Vial H2SO4 preserved	A	NA		3.8	Y	Absent		TOC-9060(28)
L2449146-07I	Plastic 250ml HNO3 preserved	A	<2	<2	3.8	Y	Absent		FE-6020T(180),MN-6020T(180),AS-6020T(180)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2449146-07J	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.8	Y	Absent		SUB-SULFIDE(7)
L2449146-07K	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.8	Y	Absent		SUB-SULFIDE(7)
L2449146-07L	Plastic 250ml unpreserved	A	7	7	3.8	Y	Absent		SO4-9038(28),CL-4500(28),NO3-4500(2)
L2449146-07M	Plastic 250ml unpreserved	A	7	7	3.8	Y	Absent		-
L2449146-07N	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2449146-07O	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2449146-07X	Plastic 120ml HNO3 preserved Filtrates	A	N/A	N/A	3.8	Y	Absent		MN-6020S(180),FE-6020S(180),AS-6020S(180)
L2449146-08A	Vial HCl preserved	B	NA		4.0	Y	Absent		NYTCL-8260(14)
L2449146-08B	Vial HCl preserved	B	NA		4.0	Y	Absent		NYTCL-8260(14)
L2449146-08C	Vial HCl preserved	B	NA		4.0	Y	Absent		NYTCL-8260(14)
L2449146-08D	Vial HCl preserved	B	N/A	N/A	4.0	Y	Absent		SUB-DISSGAS(14)
L2449146-08E	Vial HCl preserved	B	N/A	N/A	4.0	Y	Absent		SUB-DISSGAS(14)
L2449146-08F	Vial H2SO4 preserved	B	NA		4.0	Y	Absent		TOC-9060(28)
L2449146-08G	Vial H2SO4 preserved	B	NA		4.0	Y	Absent		TOC-9060(28)
L2449146-08H	Vial H2SO4 preserved	B	NA		4.0	Y	Absent		TOC-9060(28)
L2449146-08J	Plastic 250ml unpreserved	B	7	7	4.0	Y	Absent		CL-4500(28),SO4-9038(28)
L2449146-08K	Plastic 250ml unpreserved	B	7	7	4.0	Y	Absent		-
L2449146-08L	Plastic 250ml HNO3 preserved	B	<2	<2	4.0	Y	Absent		FE-6020T(180),MN-6020T(180),AS-6020T(180)
L2449146-08M	Amber 250ml unpreserved	B	7	7	4.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2449146-08N	Amber 250ml unpreserved	B	7	7	4.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2449146-08O	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	4.0	Y	Absent		SUB-SULFIDE(7)
L2449146-08P	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	4.0	Y	Absent		SUB-SULFIDE(7)
L2449146-08X	Plastic 120ml HNO3 preserved Filtrates	B	N/A	N/A	4.0	Y	Absent		MN-6020S(180),FE-6020S(180),AS-6020S(180)
L2449146-09A	Vial HCl preserved	B	NA		4.0	Y	Absent		NYTCL-8260(14)
L2449146-09B	Vial HCl preserved	B	NA		4.0	Y	Absent		NYTCL-8260(14)
L2449146-10A	Vial HCl preserved	C	NA		4.6	Y	Absent		NYTCL-8260(14)
L2449146-10B	Vial HCl preserved	C	NA		4.6	Y	Absent		NYTCL-8260(14)
L2449146-10C	Vial HCl preserved	C	NA		4.6	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449146
Report Date: 09/10/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2449146-10D	Vial HCl preserved	C	N/A	N/A	4.6	Y	Absent		SUB-DISSGAS(14)
L2449146-10E	Vial HCl preserved	C	N/A	N/A	4.6	Y	Absent		SUB-DISSGAS(14)
L2449146-10F	Vial H2SO4 preserved	C	NA		4.6	Y	Absent		TOC-9060(28)
L2449146-10G	Vial H2SO4 preserved	C	NA		4.6	Y	Absent		TOC-9060(28)
L2449146-10H	Vial H2SO4 preserved	C	NA		4.6	Y	Absent		TOC-9060(28)
L2449146-10J	Plastic 250ml unpreserved	C	7	7	4.6	Y	Absent		CL-4500(28),SO4-9038(28)
L2449146-10K	Plastic 250ml unpreserved	C	7	7	4.6	Y	Absent		-
L2449146-10L	Plastic 250ml HNO3 preserved	C	<2	<2	4.6	Y	Absent		FE-6020T(180),MN-6020T(180),AS-6020T(180)
L2449146-10M	Amber 250ml unpreserved	C	7	7	4.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2449146-10N	Amber 250ml unpreserved	C	7	7	4.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2449146-10O	Plastic 250ml Zn Acetate/NaOH preserved	C	>9	>9	4.6	Y	Absent		SUB-SULFIDE(7)
L2449146-10P	Plastic 250ml Zn Acetate/NaOH preserved	C	>9	>9	4.6	Y	Absent		SUB-SULFIDE(7)
L2449146-10X	Plastic 120ml HNO3 preserved Filtrates	C	N/A	N/A	4.6	Y	Absent		MN-6020S(180),FE-6020S(180),AS-6020S(180)

*Values in parentheses indicate holding time in days

Project Name:	SMP	**Lab Number:**	L2449146
Project Number:	12.0076761.20	**Report Date:**	09/10/24

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: DU Report with 'J' Qualifiers

Project Name:	SMP	**Lab Number:**	L2449146
Project Number:	12.0076761.20	**Report Date:**	09/10/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	SMP	**Lab Number:**	L2449146
Project Number:	12.0076761.20	**Report Date:**	09/10/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	SMP	**Lab Number:**	L2449146
Project Number:	12.0076761.20	**Report Date:**	09/10/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
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.
Nonpotable Water: EPA RSK-175 Dissolved Gases
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 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).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, 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.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 8/28/24

ALPHA Job #: L2449146

Client Information
Client: GZA
Address: 55 Lane Rd Fairfield NJ
Phone: 862-354-2060
Fax:
Email: morgan.mcbride@gza.com

Project Information
Project Name: SMP
Project Location: 37-18 Northern Blvd Queens NY
Project #: 12.0076761.20
(Use Project name as Project #)
Project Manager: MORGAN MCBRIDE
ALPHAQuote #: 7507

Turn-Around Time
Standard: X
Due Date:
Rush (only if pre approved):
# of Days:

These samples have been previously analyzed by Alpha
Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables
ASP-A
ASP-B
EQuIS (1 File)
EQuIS (4 File)
Other

Regulatory Requirement
NY TOGS
NY Part 375
AWQ Standards: X
NY CP-51
NY Restricted Use
Other
NY Unrestricted Use
NYC Sewer Discharge

Billing Information
X Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
NJ
NY
Other:

ANALYSIS
Sample Filtration
Done
Lab to do
Preservation
Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs	1,4-Dioxane	Anions - Chloride, Sulfate, Nitrate	Sulfide	TDC	Metals - Mercury, Chromium, Lead	Total and dissolved metals - Arsenic, Iron	Manganese	Total Bottle	Sample Specific Comments
49146-01	~~MW~~ SMP-MW-10	8/27/24	10:20	GW	DV	X	X	X	X	X	X	X	X		
02	SMP-MW-11S		14:10	GW	PM										
03	SMP-MW-16		10:20	GW	PM										
04	SMP-MW-17		12:08	GW	PM										
05	SMP-MW-18		14:55	GW	DV										
06	SMP-MW-19		13:25	GW	DV										
07	SMP-MW-20		12:00	GW	DV										
08	SMP-Field Blank		18:25	FB	PM										
09	Trip Blank	TB	TB	TB	TB	↓									
10	SMP-DUP	8/27/24	14:50	GW	PM	X	X	X	X	X	X	X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

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

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Dayanara Vindas	8/27/24 14:05	[illegible]	8/27/24 1905
[illegible]	8/28/24 1637	[illegible]	8/28/24 1637
[illegible]	8/28/24 1645	Paul Mazzella	8/28/24 1645
Paul Mazzella	8/28/24	[illegible]	8/28/24 2360

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 8/28/24 (08/29/24 MDD)

ALPHA Job #: L2449146

Client Information
Client: GZA
Address: 55 Lane Rd. Fairfield NJ
Phone: 862-354-2960
Fax:
Email: morgan.mcbride@gza.com

Project Information
Project Name: SMP
Project Location: 37-18 Northern Blvd Queens NY
Project #: 12.0076761.20
(Use Project name as Project #)
Project Manager: MORGAN MCBRIDE
ALPHAQuote #: 7507

Turn-Around Time
Standard: [X]
Rush (only if pre approved): [ ]
Due Date:
# of Days:

These samples have been previously analyzed by Alpha: [ ]

Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables
- [ ] ASP-A
- [ ] ASP-B
- [ ] EQuIS (1 File)
- [ ] EQuIS (4 File)
- [ ] Other

Regulatory Requirement
- [ ] NY TOGS
- [ ] NY Part 375
- [X] AWQ Standards
- [ ] NY CP-51
- [ ] NY Restricted Use
- [ ] Other
- [ ] NY Unrestricted Use
- [ ] NYC Sewer Discharge

Billing Information
- [X] Same as Client Info

PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.

Disposal Facility:
- [ ] NJ
- [ ] NY
- [ ] Other:

Sample Filtration
- [ ] Done
- [ ] Lab to do

Preservation
- [ ] Lab to do

(Please Specify below)

Sample Specific Comments

ANALYSIS: VOCs; 1,4-Dioxane; Chloride, Alkalinity, Nitrate; Sulfide; TDL; TAL Metals (Mercury, Chromium, Hexavalent, Copper, Lead); Total and dissolved metals - Aluminum, Iron; Manganese; Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials
2449146-01	~~MW~~ SMP-MW-10	8/27/24	10:20	GW	DV
02	SMP-MW-11S		14:10	GW	PM
03	SMP-MW-16		10:20	GW	PM
04	SMP-MW-17		12:08	GW	PM
05	SMP-MW-18		14:55	GW	DV
06	SMP-MW-19		13:25	GW	DV
07	SMP-MW-20		12:00	GW	DV
08	SMP-Field Blank		18:25	FB	PM
09	Trip Blank	TB		TB	TB
10	SMP-DUP	8/27/24	14:50	GW	PM

8/28 PU

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

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

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Dayanara Vindas	8/28/24 1405	[illegible]	8/28/24 1405
[illegible]	8/28/24 1637	[illegible]	8/28/24 1637
[illegible]	8/28/24 1645	Paul Mazzella	8/28/24 1645
Paul Mazzella	8/28/24	[illegible]	8/28/24 2360
[illegible]	8/28/24 2360	[illegible]	8-29-24 1220
[illegible]	8-29-24 1420	[illegible]	8/29/24 1640

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

September 04, 2024

Pace Analytical (Alpha) - Westborough,MA

Sample Delivery Group:	L1773013
Samples Received:	08/30/2024
Project Number:	L2449146
Description:	

Report To: Cynthia Romero
8 Walkup Drive
Westborough, MA 01581

Entire Report Reviewed By:

Haley Torrence
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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SMP-MW-10 L1773013-01 GW

Collected by	Collected date/time	Received date/time
	08/27/24 10:20	08/30/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500S2 D-2011	WG2354487	1	09/01/24 10:54	09/01/24 10:54	SDE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2353906	1	09/01/24 09:59	09/01/24 09:59	OK	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2354575	10	09/01/24 12:43	09/01/24 12:43	CCM	Mt. Juliet, TN

SMP-MW-16 L1773013-02 GW

Collected by	Collected date/time	Received date/time
	08/27/24 10:20	08/30/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500S2 D-2011	WG2354487	1	09/01/24 10:54	09/01/24 10:54	SDE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2353906	1	09/01/24 10:03	09/01/24 10:03	CCM	Mt. Juliet, TN

SMP-MW-17 L1773013-03 GW

Collected by	Collected date/time	Received date/time
	08/27/24 12:08	08/30/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500S2 D-2011	WG2354487	1	09/01/24 10:57	09/01/24 10:57	SDE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2353906	1	09/01/24 10:20	09/01/24 10:20	CCM	Mt. Juliet, TN

SMP-MW-19 L1773013-04 GW

Collected by	Collected date/time	Received date/time
	08/27/24 13:25	08/30/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500S2 D-2011	WG2354487	1	09/01/24 10:58	09/01/24 10:58	SDE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2353906	1	09/01/24 10:25	09/01/24 10:25	CCM	Mt. Juliet, TN

SMP-MW-20 L1773013-05 GW

Collected by	Collected date/time	Received date/time
	08/27/24 12:00	08/30/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500S2 D-2011	WG2354487	1	09/01/24 10:58	09/01/24 10:58	SDE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2353907	1	09/01/24 10:47	09/01/24 10:47	CCM	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Haley Torrence

Haley Torrence
Project Manager

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	8.00	J	6.50	50.0	1	09/01/2024 10:54	WG2354487

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	16300		29.1	100	10	09/01/2024 12:43	WG2354575
Ethane	15.2		4.07	13.0	1	09/01/2024 09:59	WG2353906
Ethene	U		4.26	13.0	1	09/01/2024 09:59	WG2353906

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		6.50	50.0	1	09/01/2024 10:54	WG2354487

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	58.0		2.91	10.0	1	09/01/2024 10:03	WG2353906
Ethane	U		4.07	13.0	1	09/01/2024 10:03	WG2353906
Ethene	U		4.26	13.0	1	09/01/2024 10:03	WG2353906

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		6.50	50.0	1	09/01/2024 10:57	WG2354487

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	100		2.91	10.0	1	09/01/2024 10:20	WG2353906
Ethane	U		4.07	13.0	1	09/01/2024 10:20	WG2353906
Ethene	U		4.26	13.0	1	09/01/2024 10:20	WG2353906

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		6.50	50.0	1	09/01/2024 10:58	WG2354487

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	28.0		2.91	10.0	1	09/01/2024 10:25	WG2353906
Ethane	U		4.07	13.0	1	09/01/2024 10:25	WG2353906
Ethene	U		4.26	13.0	1	09/01/2024 10:25	WG2353906

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		6.50	50.0	1	09/01/2024 10:58	WG2354487

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	60.2		2.91	10.0	1	09/01/2024 10:47	WG2353907
Ethane	U		4.07	13.0	1	09/01/2024 10:47	WG2353907
Ethene	U		4.26	13.0	1	09/01/2024 10:47	WG2353907

Method Blank (MB)

(MB) R4114453-1 09/01/24 10:51

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Sulfide	U		6.50	50.0

L1773013-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1773013-05 09/01/24 10:58 • (DUP) R4114453-5 09/01/24 10:58

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfide	U	U	1	0.000		20

L1773020-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1773020-09 09/01/24 11:01 • (DUP) R4114453-6 09/01/24 11:03

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfide	U	U	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R4114453-2 09/01/24 10:51

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Sulfide	500	513	103	85.0-115	

L1772593-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1772593-01 09/01/24 10:51 • (MS) R4114453-3 09/01/24 10:53 • (MSD) R4114453-4 09/01/24 10:53

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Sulfide	500	U	476	502	95.2	100	1	80.0-120			5.32	20

Method Blank (MB)

(MB) R4114451-2 09/01/24 08:07

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Methane	U		2.91	10.0
Ethane	U		4.07	13.0
Ethene	U		4.26	13.0

L1772972-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1772972-09 09/01/24 08:22 • (DUP) R4114451-3 09/01/24 08:51

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Methane	68.4	69.7	1	1.88		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20

L1773008-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1773008-05 09/01/24 09:33 • (DUP) R4114451-4 09/01/24 10:28

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Methane	U	U	1	0.000		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4114451-1 09/01/24 08:02 • (LCSD) R4114451-5 09/01/24 10:31

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Methane	67.8	69.0	66.2	102	97.6	85.0-115			4.14	20
Ethane	129	132	131	102	102	85.0-115			0.760	20
Ethene	127	127	126	100	99.2	85.0-115			0.791	20

Method Blank (MB)

(MB) R4114459-2 09/01/24 10:44

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Methane	U		2.91	10.0
Ethane	U		4.07	13.0
Ethene	U		4.26	13.0

L1773020-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1773020-01 09/01/24 11:27 • (DUP) R4114459-3 09/01/24 11:44

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Methane	U	U	1	0.000		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20

L1773020-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1773020-05 09/01/24 11:47 • (DUP) R4114459-4 09/01/24 12:23

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Methane	U	U	1	0.000		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4114459-1 09/01/24 10:40 • (LCSD) R4114459-5 09/01/24 12:25

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Methane	67.8	71.7	68.6	106	101	85.0-115			4.42	20
Ethane	129	131	130	102	101	85.0-115			0.766	20
Ethene	127	125	126	98.4	99.2	85.0-115			0.797	20

Method Blank (MB)

(MB) R4114465-2 09/01/24 12:40

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Methane	U		2.91	10.0

L1773016-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1773016-05 09/01/24 12:48 • (DUP) R4114465-3 09/01/24 12:51

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	9220	8990	10	2.53		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4114465-1 09/01/24 12:35 • (LCSD) R4114465-4 09/01/24 12:54

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Methane	67.8	67.1	67.3	99.0	99.3	85.0-115			0.298	20

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

D007

Subcontract Chain of Custody

Pace Analytical National
12065 Lebanon Road
Mt. Juliet, TN 37122

Alpha Job Number
L2449146

Client Information

Client: Alpha Analytical Labs
Address: Eight Walkup Drive
Westborough, MA 01581-1019

Phone: 201.812.9072
Email: Cynthia.Pagut@pacelabs.com

Project Information

Project Location: NY
Project Manager: Cynthia Romero

Turnaround & Deliverables Information

Due Date:
Deliverables:

Regulatory Requirements/Report Limits

State/Federal Program:

Regulatory Criteria: NY-AWQS

L1773013

Project Specific Requirements and/or Report Requirements

Reference following Alpha Job Number on final report/deliverables: L2449146

Report to include Method Blank, LCS/LCSD:

Additional Comments: Invoices to: invoices@pacelabs.coupahost.com Reports to: west.subreports@pacelabs.com DISSGAS: MEE only

Lab ID	Client ID	Collection Date/Time	Sample Matrix	7/12 Analysis	Batch QC
	SMP-MW-10	08-27-24 10:20	WATER	Dissolved Gasses; Sulfide -01	
	SMP-MW-16	08-27-24 10:20	WATER	Dissolved Gasses; Sulfide -02	
	SMP-MW-17	08-27-24 12:08	WATER	Dissolved Gasses; Sulfide -03	
	SMP-MW-19	08-27-24 13:25	WATER	Dissolved Gasses; Sulfide -04	
	SMP-MW-20	08-27-24 12:00	WATER	Dissolved Gasses; Sulfide -05	

Sample Receipt Checklist

COC Seal Present/Intact:	✓Y N	If Applicable	
COC Signed/Accurate:	✓Y N	VOA Zero Headspace:	Y N
Bottles arrive intact:	✓Y N	Pres. Correct/Check:	✓Y N
Correct bottles used:	✓Y N		
Sufficient volume sent:	✓Y N		
RA Screen <0.5 mR/hr:	Y N		

	Relinquished By:	Date/Time:	Received By:	Date/Time:
	C Sebrean			8/30/24 9:20
Form No: AL_subcoc				

7782 6104 4996
3.9, 0.3, 4.2 TL AA

PH-10BDH0941 TRC-3327A33

ANALYTICAL REPORT

September 06, 2024

Pace Analytical (Alpha) - Westborough,MA

Sample Delivery Group:	L1774008
Samples Received:	09/04/2024
Project Number:	L2449146
Description:	

Report To: Cynthia Romero
8 Walkup Drive
Westborough, MA 01581

Entire Report Reviewed By: Haley Torrence

Haley Torrence
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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SMP-MW-11S L1774008-01 GW

			Collected by	Collected date/time	Received date/time	
				08/27/24 14:10	09/04/24 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500S2 D-2011	WG2356487	1	09/05/24 12:58	09/05/24 12:58	ARV	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2356205	1	09/04/24 21:57	09/04/24 21:57	KHM	Mt. Juliet, TN

SMP-MW-18 L1774008-02 GW

			Collected by	Collected date/time	Received date/time	
				08/27/24 14:55	09/04/24 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500S2 D-2011	WG2356487	1	09/05/24 12:59	09/05/24 12:59	ARV	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2356205	1	09/04/24 22:03	09/04/24 22:03	KHM	Mt. Juliet, TN

SMP-FIELD BLANK L1774008-03 GW

			Collected by	Collected date/time	Received date/time	
				08/27/24 18:25	09/04/24 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500S2 D-2011	WG2356487	1	09/05/24 12:59	09/05/24 12:59	ARV	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2356205	1	09/04/24 22:06	09/04/24 22:06	KHM	Mt. Juliet, TN

SMP-DUP L1774008-04 GW

			Collected by	Collected date/time	Received date/time	
				08/27/24 14:50	09/04/24 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500S2 D-2011	WG2356487	1	09/05/24 12:59	09/05/24 12:59	ARV	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2356205	1	09/04/24 22:09	09/04/24 22:09	KHM	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Haley Torrence

Haley Torrence
Project Manager

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U	T8	6.50	50.0	1	09/05/2024 12:58	WG2356487

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	254		2.91	10.0	1	09/04/2024 21:57	WG2356205
Ethane	U		4.07	13.0	1	09/04/2024 21:57	WG2356205
Ethene	U		4.26	13.0	1	09/04/2024 21:57	WG2356205

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U	T8	6.50	50.0	1	09/05/2024 12:59	WG2356487

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	122		2.91	10.0	1	09/04/2024 22:03	WG2356205
Ethane	U		4.07	13.0	1	09/04/2024 22:03	WG2356205
Ethene	U		4.26	13.0	1	09/04/2024 22:03	WG2356205

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U	T8	6.50	50.0	1	09/05/2024 12:59	WG2356487

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	4.39	J	2.91	10.0	1	09/04/2024 22:06	WG2356205
Ethane	U		4.07	13.0	1	09/04/2024 22:06	WG2356205
Ethene	U		4.26	13.0	1	09/04/2024 22:06	WG2356205

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U	T8	6.50	50.0	1	09/05/2024 12:59	WG2356487

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	238		2.91	10.0	1	09/04/2024 22:09	WG2356205
Ethane	U		4.07	13.0	1	09/04/2024 22:09	WG2356205
Ethene	U		4.26	13.0	1	09/04/2024 22:09	WG2356205

Method Blank (MB)

(MB) R4115979-1 09/05/24 12:56

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Sulfide	U		6.50	50.0

L1773796-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1773796-02 09/05/24 12:56 • (DUP) R4115979-5 09/05/24 12:57

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfide	U	U	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R4115979-2 09/05/24 12:56

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Sulfide	500	521	104	85.0-115	

L1773796-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1773796-01 09/05/24 12:56 • (MS) R4115979-3 09/05/24 12:56 • (MSD) R4115979-4 09/05/24 12:56

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Sulfide	500	U	511	499	102	99.8	1	80.0-120			2.38	20

Method Blank (MB)

(MB) R4115620-2 09/04/24 20:45

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Methane	U		2.91	10.0
Ethane	U		4.07	13.0
Ethene	U		4.26	13.0

L1773998-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1773998-01 09/04/24 20:48 • (DUP) R4115620-3 09/04/24 21:26

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	U	U	1	0.000		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20

L1774002-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1774002-07 09/04/24 21:35 • (DUP) R4115620-4 09/04/24 23:42

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	U	U	1	0.000		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4115620-1 09/04/24 20:06 • (LCSD) R4115620-5 09/04/24 23:44

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Methane	67.8	70.8	71.9	104	106	85.0-115			1.54	20
Ethane	129	133	133	103	103	85.0-115			0.000	20
Ethene	127	128	128	101	101	85.0-115			0.000	20

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
T8	Sample(s) received past/too close to holding time expiration.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

J044

Subcontract Chain of Custody

Pace Analytical National
12065 Lebanon Road
Mt. Juliet, TN 37122

Alpha Job Number
L2449146

Client Information

Client: Alpha Analytical Labs
Address: Eight Walkup Drive
Westborough, MA 01581-1019

Phone: 201.812.9072
Email: Cynthia.Pagut@pacelabs.com

Project Information

Project Location: NY
Project Manager: Cynthia Romero

Turnaround & Deliverables Information

Due Date:
Deliverables:

Regulatory Requirements/Report Limits

State/Federal Program:
Regulatory Criteria: NY-AWQS L1774008

Project Specific Requirements and/or Report Requirements

Reference following Alpha Job Number on final report/deliverables: L2449146

Report to include Method Blank, LCS/LCSD:

Additional Comments: Invoices to: invoices@pacelabs.coupahost.com Reports to: west.subreports@pacelabs.com DISSGAS: MEE only

Lab ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Batch QC
	~~SMP-MW-10~~	~~08-27-24 10:20~~	~~WATER~~	~~Dissolved Gasses; Sulfide~~	
	SMP-MW-11S	08-27-24 14:10	WATER	Dissolved Gasses; Sulfide -01	
	~~SMP-MW-16~~	~~08-27-24 10:20~~	~~WATER~~	~~Dissolved Gasses; Sulfide~~	
	~~SMP-MW-17~~	~~08-27-24 12:08~~	~~WATER~~	~~Dissolved Gasses; Sulfide~~	
	SMP-MW-18	08-27-24 14:55	WATER	Dissolved Gasses; Sulfide -02	
	~~SMP-MW-19~~	~~08-27-24 13:25~~	~~WATER~~	~~Dissolved Gasses; Sulfide~~	
	~~SMP-MW-20~~	~~08-27-24 12:00~~	~~WATER~~	~~Dissolved Gasses; Sulfide~~	
	SMP-FIELD BLANK	08-27-24 18:25	WATER	Dissolved Gasses; Sulfide -03	
	SMP-DUP	08-27-24 14:50	WATER	Dissolved Gasses; Sulfide -04	

Sample Receipt Checklist

		If Applicable	
COC Seal Present/Intact:	~~Y~~ N	VOA Zero Headspace:	Y N
COC Signed/Accurate:	~~Y~~ N	Pres. Correct/Check:	Y N
Bottles arrive intact:	~~Y~~ N		
Correct bottles used:	~~Y~~ N		
Sufficient volume sent:	~~Y~~ N		
RA Screen <0.5 mR/hr:	~~Y~~ N		

total 16

7708347572164

OK

Relinquished By:	Date/Time:	Received By:	Date/Time:
PAS	9/5/24		09-04-24 00:00

Form No: AL_subcoc

ANALYTICAL REPORT

Lab Number:	L2464256
Client:	Langan Engineering & Environmental 300 Kimball Drive 4th Floor Parsippany, NJ 07054
ATTN:	Matthew Del Balzo
Phone:	(973) 560-4900
Project Name:	SMP-STANDARD MOTOR PRODUCTS
Project Number:	170861201
Report Date:	11/15/24

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

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

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201

Lab Number: L2464256
Report Date: 11/15/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2464256-01	SMP-MW-11S_110424	WATER	37-18 NORTHERN BLVD-LONG ISLAND CITY	11/04/24 14:39	11/04/24
L2464256-02	SMP-MW-19_110424	WATER	37-18 NORTHERN BLVD-LONG ISLAND CITY	11/04/24 13:07	11/04/24
L2464256-03	SMP-MW-20_110424	WATER	37-18 NORTHERN BLVD-LONG ISLAND CITY	11/04/24 11:10	11/04/24
L2464256-04	SMP-MW-17_110424	WATER	37-18 NORTHERN BLVD-LONG ISLAND CITY	11/04/24 16:11	11/04/24
L2464256-05	SMP-MW-10_110424	WATER	37-18 NORTHERN BLVD-LONG ISLAND CITY	11/04/24 11:10	11/04/24
L2464256-06	SMP-MW-18_110424	WATER	37-18 NORTHERN BLVD-LONG ISLAND CITY	11/04/24 13:10	11/04/24
L2464256-07	SMP-MW-16_110424	WATER	37-18 NORTHERN BLVD-LONG ISLAND CITY	11/04/24 16:30	11/04/24
L2464256-08	DUP01_110424	WATER	37-18 NORTHERN BLVD-LONG ISLAND CITY	11/04/24 00:00	11/04/24
L2464256-09	GWFB01_110424	WATER	37-18 NORTHERN BLVD-LONG ISLAND CITY	11/04/24 17:07	11/04/24
L2464256-10	GWTB01_110424	WATER	37-18 NORTHERN BLVD-LONG ISLAND CITY	11/04/24 00:00	11/04/24

Project Name:	SMP-STANDARD MOTOR PRODUCTS	**Lab Number:**	L2464256
Project Number:	170861201	**Report Date:**	11/15/24

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 and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet 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:	SMP-STANDARD MOTOR PRODUCTS	**Lab Number:**	L2464256
Project Number:	170861201	**Report Date:**	11/15/24

Case Narrative (continued)

Report Submission
November 15, 2024: This final report includes the results of all requested analyses.
November 12, 2024: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

The analysis of Dissolved Gases was subcontracted. A copy of the laboratory report is included as an addendum. Please note: This data is only available in PDF format and is not available on Data Merger.

Perfluorinated Alkyl Acids by 1633
L2464256-01R through -09R, and WG1994611-1R/-2R/-3R: The sample was re-analyzed due to QC failures in the original analysis. The results of the re-analysis are reported.
L2464256-05R: The Extracted Internal Standard recoveries were above the acceptance criteria for 1h,1h,2h,2h-perfluoro[1,2-13c2]hexanesulfonic acid (m2-4:2fts) (269%) and 1h,1h,2h,2h-perfluoro[1,2-13c2]decanesulfonic acid (m2-8:2fts) (317%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.
L2464256-05R: The Extracted Internal Standard recovery was outside the acceptance criteria for 1h,1h,2h,2h-perfluoro[1,2-13c2]octanesulfonic acid (m2-6:2fts) (343%); however, the criteria were achieved upon re-analysis on dilution. The results of the re-analysis are reported for the associated target compounds.
L2464256-06R: The Extracted Internal Standard recovery was above the acceptance criteria for 1h,1h,2h,2h-perfluoro[1,2-13c2]hexanesulfonic acid (m2-4:2fts) (203%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.
WG1994611-2R: The Extracted Internal Standard recovery for the WG1994611-2R LCS, associated with L2464256-01R, -02R, -03R, -04R, -05D, -05R, -06R, -07R, -08R, and -09R, is outside the acceptance criteria for perfluoro[13c5]pentanoic acid (m5pfpea) (131%); however, all associated target analytes are within overall LCS criteria; therefore, no further action was taken.

Project Name:	SMP-STANDARD MOTOR PRODUCTS	**Lab Number:**	L2464256
Project Number:	170861201	**Report Date:**	11/15/24

Case Narrative (continued)

Anions by Ion Chromatography

The WG1993459-3 MS recovery, performed on L2464256-01, is outside the acceptance criteria for sulfate (85%); however, the associated LCS recovery is within criteria. No further action was taken.

Sulfide

The WG1994804-4 MS recovery, performed on L2464256-02, is outside the acceptance criteria for sulfide (65%); however, the associated LCS recovery is within criteria. No further action was taken.

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: Kelly O'Neill

Title: Technical Director/Representative Date: 11/15/24

ORGANICS

VOLATILES

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-01 Date Collected: 11/04/24 14:39
Client ID: SMP-MW-11S_110424 Date Received: 11/04/24
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/08/24 14:07
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.36	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-01 Date Collected: 11/04/24 14:39

Client ID: SMP-MW-11S_110424 Date Received: 11/04/24

Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	1.2		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-01 Date Collected: 11/04/24 14:39

Client ID: SMP-MW-11S_110424 Date Received: 11/04/24

Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	98		70-130

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-02 Date Collected: 11/04/24 13:07
Client ID: SMP-MW-19_110424 Date Received: 11/04/24
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/08/24 14:30
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	1.2	J	ug/l	2.5	0.70	1

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-02 Date Collected: 11/04/24 13:07

Client ID: SMP-MW-19_110424 Date Received: 11/04/24

Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.36	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	16		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	17	J	ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-02 Date Collected: 11/04/24 13:07

Client ID: SMP-MW-19_110424 Date Received: 11/04/24

Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	98		70-130

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-03 Date Collected: 11/04/24 11:10
Client ID: SMP-MW-20_110424 Date Received: 11/04/24
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/08/24 14:52
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	5.0		ug/l	2.5	0.70	1

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-03 Date Collected: 11/04/24 11:10

Client ID: SMP-MW-20_110424 Date Received: 11/04/24

Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	1.8	J	ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	6.8	J	ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-03 Date Collected: 11/04/24 11:10

Client ID: SMP-MW-20_110424 Date Received: 11/04/24

Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	97		70-130

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-04 Date Collected: 11/04/24 16:11

Client ID: SMP-MW-17_110424 Date Received: 11/04/24

Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 11/08/24 15:14

Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-04 Date Collected: 11/04/24 16:11

Client ID: SMP-MW-17_110424 Date Received: 11/04/24

Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	0.81	J	ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	0.81	J	ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-04 Date Collected: 11/04/24 16:11

Client ID: SMP-MW-17_110424 Date Received: 11/04/24

Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	99		70-130

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-05 D
Client ID: SMP-MW-10_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 11:10
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/08/24 16:43
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	5.0	1.4	2
1,1-Dichloroethane	ND		ug/l	5.0	1.4	2
Chloroform	ND		ug/l	5.0	1.4	2
Carbon tetrachloride	ND		ug/l	1.0	0.27	2
1,2-Dichloropropane	ND		ug/l	2.0	0.27	2
Dibromochloromethane	ND		ug/l	1.0	0.30	2
1,1,2-Trichloroethane	ND		ug/l	3.0	1.0	2
Tetrachloroethene	ND		ug/l	1.0	0.36	2
Chlorobenzene	ND		ug/l	5.0	1.4	2
Trichlorofluoromethane	ND		ug/l	5.0	1.4	2
1,2-Dichloroethane	ND		ug/l	1.0	0.26	2
1,1,1-Trichloroethane	ND		ug/l	5.0	1.4	2
Bromodichloromethane	ND		ug/l	1.0	0.38	2
trans-1,3-Dichloropropene	ND		ug/l	1.0	0.33	2
cis-1,3-Dichloropropene	ND		ug/l	1.0	0.29	2
1,3-Dichloropropene, Total	ND		ug/l	1.0	0.29	2
1,1-Dichloropropene	ND		ug/l	5.0	1.4	2
Bromoform	ND		ug/l	4.0	1.3	2
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.33	2
Benzene	19		ug/l	1.0	0.32	2
Toluene	16		ug/l	5.0	1.4	2
Ethylbenzene	8.0		ug/l	5.0	1.4	2
Chloromethane	ND		ug/l	5.0	1.4	2
Bromomethane	ND		ug/l	5.0	1.4	2
Vinyl chloride	ND		ug/l	2.0	0.14	2
Chloroethane	ND		ug/l	5.0	1.4	2
1,1-Dichloroethene	ND		ug/l	1.0	0.34	2
trans-1,2-Dichloroethene	ND		ug/l	5.0	1.4	2

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-05 D
Client ID: SMP-MW-10_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 11:10
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	1.0	0.35	2
1,2-Dichlorobenzene	ND		ug/l	5.0	1.4	2
1,3-Dichlorobenzene	ND		ug/l	5.0	1.4	2
1,4-Dichlorobenzene	ND		ug/l	5.0	1.4	2
Methyl tert butyl ether	0.96	J	ug/l	5.0	0.33	2
p/m-Xylene	21		ug/l	5.0	1.4	2
o-Xylene	2.1	J	ug/l	5.0	1.4	2
Xylenes, Total	23	J	ug/l	5.0	1.4	2
cis-1,2-Dichloroethene	ND		ug/l	5.0	1.4	2
1,2-Dichloroethene, Total	ND		ug/l	5.0	1.4	2
Dibromomethane	ND		ug/l	10	2.0	2
1,2,3-Trichloropropane	ND		ug/l	5.0	1.4	2
Acrylonitrile	ND		ug/l	10	3.0	2
Styrene	ND		ug/l	5.0	1.4	2
Dichlorodifluoromethane	ND		ug/l	10	2.0	2
Acetone	ND		ug/l	10	2.9	2
Carbon disulfide	ND		ug/l	10	2.0	2
2-Butanone	ND		ug/l	10	3.9	2
Vinyl acetate	ND		ug/l	10	2.0	2
4-Methyl-2-pentanone	ND		ug/l	10	2.0	2
2-Hexanone	ND		ug/l	10	2.0	2
Bromochloromethane	ND		ug/l	5.0	1.4	2
2,2-Dichloropropane	ND		ug/l	5.0	1.4	2
1,2-Dibromoethane	ND		ug/l	4.0	1.3	2
1,3-Dichloropropane	ND		ug/l	5.0	1.4	2
1,1,1,2-Tetrachloroethane	ND		ug/l	5.0	1.4	2
Bromobenzene	ND		ug/l	5.0	1.4	2
n-Butylbenzene	16		ug/l	5.0	1.4	2
sec-Butylbenzene	10		ug/l	5.0	1.4	2
tert-Butylbenzene	ND		ug/l	5.0	1.4	2
o-Chlorotoluene	ND		ug/l	5.0	1.4	2
p-Chlorotoluene	ND		ug/l	5.0	1.4	2
1,2-Dibromo-3-chloropropane	ND		ug/l	5.0	1.4	2
Hexachlorobutadiene	ND		ug/l	5.0	1.4	2
Isopropylbenzene	110		ug/l	5.0	1.4	2
p-Isopropyltoluene	ND		ug/l	5.0	1.4	2
Naphthalene	14		ug/l	5.0	1.4	2

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-05 D
Client ID: SMP-MW-10_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 11:10
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	250		ug/l	5.0	1.4	2
1,2,3-Trichlorobenzene	ND		ug/l	5.0	1.4	2
1,2,4-Trichlorobenzene	ND		ug/l	5.0	1.4	2
1,3,5-Trimethylbenzene	1.4	J	ug/l	5.0	1.4	2
1,2,4-Trimethylbenzene	ND		ug/l	5.0	1.4	2
1,4-Dioxane	ND		ug/l	500	120	2
p-Diethylbenzene	16		ug/l	4.0	1.4	2
p-Ethyltoluene	4.0		ug/l	4.0	1.4	2
1,2,4,5-Tetramethylbenzene	82		ug/l	4.0	1.1	2
Ethyl ether	ND		ug/l	5.0	1.4	2
trans-1,4-Dichloro-2-butene	ND		ug/l	5.0	1.4	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	86		70-130

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-06
Client ID: SMP-MW-18_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 13:10
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/08/24 15:37
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.34	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-06 Date Collected: 11/04/24 13:10

Client ID: SMP-MW-18_110424 Date Received: 11/04/24

Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	1.9	J	ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	1.9	J	ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-06 Date Collected: 11/04/24 13:10

Client ID: SMP-MW-18_110424 Date Received: 11/04/24

Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	99		70-130

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-07 Date Collected: 11/04/24 16:30
Client ID: SMP-MW-16_110424 Date Received: 11/04/24
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/08/24 15:59
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	41		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-07 Date Collected: 11/04/24 16:30

Client ID: SMP-MW-16_110424 Date Received: 11/04/24

Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	0.67	J	ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	71		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	71		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-07 Date Collected: 11/04/24 16:30

Client ID: SMP-MW-16_110424 Date Received: 11/04/24

Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	99		70-130

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-08 Date Collected: 11/04/24 00:00

Client ID: DUP01_110424 Date Received: 11/04/24

Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 11/08/24 16:21

Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.36	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-08 Date Collected: 11/04/24 00:00

Client ID: DUP01_110424 Date Received: 11/04/24

Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	2.0	J	ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	2.0	J	ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-08 Date Collected: 11/04/24 00:00

Client ID: DUP01_110424 Date Received: 11/04/24

Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	99		70-130

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-09 Date Collected: 11/04/24 17:07
Client ID: GWFB01_110424 Date Received: 11/04/24
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/08/24 17:16
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-09 Date Collected: 11/04/24 17:07

Client ID: GWFB01_110424 Date Received: 11/04/24

Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-09 Date Collected: 11/04/24 17:07

Client ID: GWFB01_110424 Date Received: 11/04/24

Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	106		70-130

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-10 Date Collected: 11/04/24 00:00
Client ID: GWTB01_110424 Date Received: 11/04/24
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/08/24 17:41
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-10 Date Collected: 11/04/24 00:00

Client ID: GWTB01_110424 Date Received: 11/04/24

Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-10 Date Collected: 11/04/24 00:00

Client ID: GWTB01_110424 Date Received: 11/04/24

Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	105		70-130

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/08/24 08:45
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09-10 Batch: WG1995628-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/08/24 08:45
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09-10 Batch: WG1995628-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/08/24 08:45
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09-10 Batch: WG1995628-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	104		70-130

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/08/24 09:18
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1995643-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/08/24 09:18
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1995643-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/08/24 09:18
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1995643-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	95		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SMP-STANDARD MOTOR PRODUCTS

Project Number: 170861201

Lab Number: L2464256

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-10 Batch: WG1995628-3 WG1995628-4								
Methylene chloride	100		99		70-130	1		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	100		110		70-130	10		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	100		100		63-130	0		20
1,1,2-Trichloroethane	110		110		70-130	0		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	100		100		62-150	0		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	110		110		70-130	0		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
1,1-Dichloropropene	100		100		70-130	0		20
Bromoform	100		98		54-136	2		20
1,1,2,2-Tetrachloroethane	110		100		67-130	10		20
Benzene	100		100		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	110		110		64-130	0		20
Bromomethane	66		77		39-139	15		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SMP-STANDARD MOTOR PRODUCTS

Project Number: 170861201

Lab Number: L2464256

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-10 Batch: WG1995628-3 WG1995628-4								
Vinyl chloride	99		100		55-140	1		20
Chloroethane	100		100		55-138	0		20
1,1-Dichloroethene	100		99		61-145	1		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	100		99		70-130	1		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	110		100		63-130	10		20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	105		105		70-130	0		20
cis-1,2-Dichloroethene	110		100		70-130	10		20
Dibromomethane	100		100		70-130	0		20
1,2,3-Trichloropropane	110		100		64-130	10		20
Acrylonitrile	110		100		70-130	10		20
Styrene	105		105		70-130	0		20
Dichlorodifluoromethane	100		100		36-147	0		20
Acetone	100		91		58-148	9		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	110		100		63-138	10		20
Vinyl acetate	110		100		70-130	10		20
4-Methyl-2-pentanone	110		110		59-130	0		20
2-Hexanone	120		110		57-130	9		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SMP-STANDARD MOTOR PRODUCTS

Project Number: 170861201

Lab Number: L2464256

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-10 Batch: WG1995628-3 WG1995628-4								
Bromochloromethane	110		110		70-130	0		20
2,2-Dichloropropane	110		110		63-133	0		20
1,2-Dibromoethane	110		100		70-130	10		20
1,3-Dichloropropane	110		100		70-130	10		20
1,1,1,2-Tetrachloroethane	100		100		64-130	0		20
Bromobenzene	100		100		70-130	0		20
n-Butylbenzene	110		100		53-136	10		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	100		100		70-130	0		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	98		90		41-144	9		20
Hexachlorobutadiene	110		100		63-130	10		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	110		100		70-130	10		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	110		100		70-130	10		20
1,2,4-Trichlorobenzene	110		100		70-130	10		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
1,4-Dioxane	122		110		56-162	10		20
p-Diethylbenzene	100		100		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SMP-STANDARD MOTOR PRODUCTS

Project Number: 170861201

Lab Number: L2464256

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-10 Batch: WG1995628-3 WG1995628-4								
p-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	100		100		70-130	0		20
Ethyl ether	100		99		59-134	1		20
trans-1,4-Dichloro-2-butene	110		110		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	113		110		70-130
Toluene-d8	102		100		70-130
4-Bromofluorobenzene	101		98		70-130
Dibromofluoromethane	101		101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SMP-STANDARD MOTOR PRODUCTS

Project Number: 170861201

Lab Number: L2464256

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1995643-3 WG1995643-4								
Methylene chloride	90		96		70-130	6		20
1,1-Dichloroethane	98		100		70-130	2		20
Chloroform	93		99		70-130	6		20
Carbon tetrachloride	86		91		63-132	6		20
1,2-Dichloropropane	98		100		70-130	2		20
Dibromochloromethane	89		95		63-130	7		20
1,1,2-Trichloroethane	99		100		70-130	1		20
Tetrachloroethene	88		91		70-130	3		20
Chlorobenzene	93		95		75-130	2		20
Trichlorofluoromethane	86		92		62-150	7		20
1,2-Dichloroethane	97		100		70-130	3		20
1,1,1-Trichloroethane	87		93		67-130	7		20
Bromodichloromethane	87		94		67-130	8		20
trans-1,3-Dichloropropene	90		97		70-130	7		20
cis-1,3-Dichloropropene	87		100		70-130	14		20
1,1-Dichloropropene	90		97		70-130	7		20
Bromoform	90		90		54-136	0		20
1,1,2,2-Tetrachloroethane	110		110		67-130	0		20
Benzene	93		99		70-130	6		20
Toluene	94		97		70-130	3		20
Ethylbenzene	95		97		70-130	2		20
Chloromethane	88		92		64-130	4		20
Bromomethane	40		43		39-139	7		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SMP-STANDARD MOTOR PRODUCTS

Project Number: 170861201

Lab Number: L2464256

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1995643-3 WG1995643-4								
Vinyl chloride	90		97		55-140	7		20
Chloroethane	87		89		55-138	2		20
1,1-Dichloroethene	75		91		61-145	19		20
trans-1,2-Dichloroethene	89		96		70-130	8		20
Trichloroethene	89		95		70-130	7		20
1,2-Dichlorobenzene	100		96		70-130	4		20
1,3-Dichlorobenzene	100		96		70-130	4		20
1,4-Dichlorobenzene	100		97		70-130	3		20
Methyl tert butyl ether	89		99		63-130	11		20
p/m-Xylene	95		95		70-130	0		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	89		96		70-130	8		20
Dibromomethane	90		98		70-130	9		20
1,2,3-Trichloropropane	110		110		64-130	0		20
Acrylonitrile	110		130		70-130	17		20
Styrene	90		95		70-130	5		20
Dichlorodifluoromethane	76		82		36-147	8		20
Acetone	**51**	Q	60		58-148	16		20
Carbon disulfide	79		94		51-130	17		20
2-Butanone	71		80		63-138	12		20
Vinyl acetate	120		130		70-130	8		20
4-Methyl-2-pentanone	93		110		59-130	17		20
2-Hexanone	72		84		57-130	15		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SMP-STANDARD MOTOR PRODUCTS

Project Number: 170861201

Lab Number: L2464256

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1995643-3 WG1995643-4								
Bromochloromethane	88		96		70-130	9		20
2,2-Dichloropropane	88		94		63-133	7		20
1,2-Dibromoethane	92		97		70-130	5		20
1,3-Dichloropropane	98		100		70-130	2		20
1,1,1,2-Tetrachloroethane	89		92		64-130	3		20
Bromobenzene	100		94		70-130	6		20
n-Butylbenzene	110		100		53-136	10		20
sec-Butylbenzene	110		98		70-130	12		20
tert-Butylbenzene	100		98		70-130	2		20
o-Chlorotoluene	100		99		70-130	1		20
p-Chlorotoluene	110		100		70-130	10		20
1,2-Dibromo-3-chloropropane	90		90		41-144	0		20
Hexachlorobutadiene	100		92		63-130	8		20
Isopropylbenzene	100		98		70-130	2		20
p-Isopropyltoluene	100		98		70-130	2		20
Naphthalene	100		100		70-130	0		20
n-Propylbenzene	110		100		69-130	10		20
1,2,3-Trichlorobenzene	100		98		70-130	2		20
1,2,4-Trichlorobenzene	100		96		70-130	4		20
1,3,5-Trimethylbenzene	100		98		64-130	2		20
1,2,4-Trimethylbenzene	100		99		70-130	1		20
1,4-Dioxane	84		108		56-162	**25**	Q	20
p-Diethylbenzene	100		98		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201

Lab Number: L2464256
Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1995643-3 WG1995643-4								
p-Ethyltoluene	100		99		70-130	1		20
1,2,4,5-Tetramethylbenzene	100		98		70-130	2		20
Ethyl ether	87		96		59-134	10		20
trans-1,4-Dichloro-2-butene	98		99		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	107		108		70-130
Toluene-d8	105		104		70-130
4-Bromofluorobenzene	108		102		70-130
Dibromofluoromethane	97		96		70-130

SEMIVOLATILES

Project Name: SMP-STANDARD MOTOR PRODUCTS
Lab Number: L2464256
Project Number: 170861201
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-01
Client ID: SMP-MW-11S_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 14:39
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/11/24 12:02
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 11/07/24 18:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	134	30.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	36		15-110

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-01 R
Client ID: SMP-MW-11S_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 14:39
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 11/15/24 00:57
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 11/13/24 14:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	2.72	J	ng/l	6.23	0.514	1
Perfluoropentanoic Acid (PFPeA)	4.34		ng/l	3.12	0.350	1
Perfluorobutanesulfonic Acid (PFBS)	1.93		ng/l	1.56	0.389	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.23	0.888	1
Perfluorohexanoic Acid (PFHxA)	3.07		ng/l	1.56	0.241	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.56	0.202	1
Perfluoroheptanoic Acid (PFHpA)	2.26		ng/l	1.56	0.234	1
Perfluorohexanesulfonic Acid (PFHxS)	1.79		ng/l	1.56	0.132	1
Perfluorooctanoic Acid (PFOA)	10.2		ng/l	1.56	0.257	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	8.59		ng/l	6.23	4.69	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.218	JF	ng/l	1.56	0.195	1
Perfluorononanoic Acid (PFNA)	5.49		ng/l	1.56	0.257	1
Perfluorooctanesulfonic Acid (PFOS)	18.0		ng/l	1.56	0.257	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.56	0.202	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.23	1.19	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.56	0.195	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.56	0.467	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.56	0.171	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.56	0.132	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.56	0.093	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.56	0.467	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.56	0.210	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.56	0.179	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.56	0.156	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.23	1.56	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.23	0.366	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.56	0.234	1

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-01 R
Client ID: SMP-MW-11S_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 14:39
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.23	0.428	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.23	0.436	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.56	0.218	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.56	0.343	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.6	1.27	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.6	1.07	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.12	0.241	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.12	0.350	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.12	0.319	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.12	0.530	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.79	0.522	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	38.9	4.14	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	38.9	3.10	1

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-01 R
Client ID: SMP-MW-11S_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 14:39
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	86		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	113		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	110		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	171		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	98		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	83		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	92		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	95		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	140		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	91		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	91		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	90		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	82		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	94		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	71		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	83		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	54		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	51		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	42		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	90		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	64		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	60		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	60		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	62		10-130

Project Name: SMP-STANDARD MOTOR PRODUCTS
Lab Number: L2464256
Project Number: 170861201
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-02
Client ID: SMP-MW-19_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 13:07
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/11/24 12:25
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 11/07/24 18:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	180.		ng/l	134	30.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	36		15-110

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-02 R
Client ID: SMP-MW-19_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 13:07
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 11/15/24 01:05
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 11/13/24 14:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	8.58		ng/l	6.00	0.495	1
Perfluoropentanoic Acid (PFPeA)	18.2		ng/l	3.00	0.337	1
Perfluorobutanesulfonic Acid (PFBS)	3.92		ng/l	1.50	0.375	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.00	0.854	1
Perfluorohexanoic Acid (PFHxA)	11.8		ng/l	1.50	0.232	1
Perfluoropentanesulfonic Acid (PFPeS)	0.772	J	ng/l	1.50	0.195	1
Perfluoroheptanoic Acid (PFHpA)	7.31		ng/l	1.50	0.225	1
Perfluorohexanesulfonic Acid (PFHxS)	5.08		ng/l	1.50	0.127	1
Perfluorooctanoic Acid (PFOA)	40.8		ng/l	1.50	0.247	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	15.0		ng/l	6.00	4.51	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.225	J	ng/l	1.50	0.187	1
Perfluorononanoic Acid (PFNA)	2.91		ng/l	1.50	0.247	1
Perfluorooctanesulfonic Acid (PFOS)	12.5		ng/l	1.50	0.247	1
Perfluorodecanoic Acid (PFDA)	0.390	J	ng/l	1.50	0.195	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.00	1.15	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.50	0.187	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.50	0.450	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.50	0.165	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.50	0.127	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.50	0.090	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.50	0.450	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.50	0.202	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.50	0.172	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.50	0.150	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.00	1.50	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.00	0.352	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.50	0.225	1

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-02 R
Client ID: SMP-MW-19_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 13:07
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.00	0.412	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.00	0.420	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.50	0.210	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.50	0.330	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.0	1.22	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.0	1.03	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.00	0.232	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.00	0.337	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.00	0.307	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.00	0.510	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.50	0.502	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	37.5	3.99	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	37.5	2.98	1

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-02 R
Client ID: SMP-MW-19_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 13:07
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	77		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	119		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	111		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	180		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	100		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	89		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	94		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	99		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	146		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	93		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	102		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	102		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	105		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	91		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	80		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	77		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	54		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	63		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	52		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	96		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	74		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	75		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	77		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	76		10-130

Project Name: SMP-STANDARD MOTOR PRODUCTS
Lab Number: L2464256
Project Number: 170861201
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-03
Client ID: SMP-MW-20_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 11:10
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/11/24 12:49
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 11/07/24 18:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	139	31.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	33		15-110

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-03 R
Client ID: SMP-MW-20_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 11:10
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 11/15/24 01:14
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 11/13/24 14:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	6.87		ng/l	6.61	0.545	1
Perfluoropentanoic Acid (PFPeA)	4.96		ng/l	3.30	0.372	1
Perfluorobutanesulfonic Acid (PFBS)	1.45	J	ng/l	1.65	0.413	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.61	0.942	1
Perfluorohexanoic Acid (PFHxA)	3.50		ng/l	1.65	0.256	1
Perfluoropentanesulfonic Acid (PFPeS)	0.248	J	ng/l	1.65	0.215	1
Perfluoroheptanoic Acid (PFHpA)	2.67		ng/l	1.65	0.248	1
Perfluorohexanesulfonic Acid (PFHxS)	2.47		ng/l	1.65	0.140	1
Perfluorooctanoic Acid (PFOA)	12.8		ng/l	1.65	0.272	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	77.0		ng/l	6.61	4.97	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.330	J	ng/l	1.65	0.206	1
Perfluorononanoic Acid (PFNA)	2.64		ng/l	1.65	0.272	1
Perfluorooctanesulfonic Acid (PFOS)	14.8		ng/l	1.65	0.272	1
Perfluorodecanoic Acid (PFDA)	0.438	J	ng/l	1.65	0.215	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.61	1.26	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.65	0.206	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.65	0.496	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.65	0.182	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.65	0.140	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.65	0.099	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.65	0.496	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.65	0.223	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.65	0.190	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.65	0.165	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.61	1.65	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.61	0.388	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.65	0.248	1

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-03 R
Client ID: SMP-MW-20_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 11:10
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.61	0.454	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.61	0.462	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.65	0.231	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.65	0.363	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.5	1.35	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.5	1.14	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.30	0.256	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.30	0.372	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.30	0.339	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.30	0.562	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.26	0.553	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	41.3	4.39	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	41.3	3.29	1

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-03 R
Client ID: SMP-MW-20_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 11:10
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	90		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	111		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	103		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	158		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	92		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	81		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	94		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	98		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	123		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	87		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	85		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	90		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	106		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	76		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	75		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	63		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	54		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	65		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	46		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	86		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	63		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	60		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	61		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	59		10-130

Project Name: SMP-STANDARD MOTOR PRODUCTS
Lab Number: L2464256
Project Number: 170861201
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-04
Client ID: SMP-MW-17_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 16:11
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/11/24 13:12
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 11/07/24 18:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	134	30.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	36		15-110

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-04 R
Client ID: SMP-MW-17_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 16:11
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 11/15/24 01:23
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 11/13/24 14:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	6.54		ng/l	6.09	0.502	1
Perfluoropentanoic Acid (PFPeA)	9.26		ng/l	3.04	0.342	1
Perfluorobutanesulfonic Acid (PFBS)	6.19		ng/l	1.52	0.380	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.09	0.867	1
Perfluorohexanoic Acid (PFHxA)	6.41		ng/l	1.52	0.236	1
Perfluoropentanesulfonic Acid (PFPeS)	0.464	J	ng/l	1.52	0.198	1
Perfluoroheptanoic Acid (PFHpA)	4.66		ng/l	1.52	0.228	1
Perfluorohexanesulfonic Acid (PFHxS)	3.68		ng/l	1.52	0.129	1
Perfluorooctanoic Acid (PFOA)	22.5		ng/l	1.52	0.251	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.09	4.58	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.441	J	ng/l	1.52	0.190	1
Perfluorononanoic Acid (PFNA)	4.99		ng/l	1.52	0.251	1
Perfluorooctanesulfonic Acid (PFOS)	21.2		ng/l	1.52	0.251	1
Perfluorodecanoic Acid (PFDA)	0.350	J	ng/l	1.52	0.198	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.09	1.16	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.52	0.190	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.52	0.456	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.52	0.167	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.52	0.129	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.52	0.091	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.52	0.456	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.52	0.205	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.52	0.175	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.52	0.152	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.09	1.52	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.09	0.358	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.52	0.228	1

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-04 R
Client ID: SMP-MW-17_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 16:11
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.09	0.418	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.09	0.426	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.52	0.213	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.52	0.335	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.2	1.24	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.2	1.05	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.04	0.236	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.04	0.342	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.04	0.312	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.04	0.517	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.61	0.510	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	38.0	4.05	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	38.0	3.03	1

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-04 R
Client ID: SMP-MW-17_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 16:11
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	60		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	94		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	95		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	150		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	81		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	70		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	78		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	75		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	120		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	78		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	71		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	70		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	75		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	56		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	57		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	60		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	39		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	43		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	36		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	78		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	43		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	42		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	50		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	53		10-130

Project Name: SMP-STANDARD MOTOR PRODUCTS
Lab Number: L2464256
Project Number: 170861201
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-05
Client ID: SMP-MW-10_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 11:10
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/11/24 13:35
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 11/07/24 18:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	134	30.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	32		15-110

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-05 R
Client ID: SMP-MW-10_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 11:10
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 11/15/24 01:32
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 11/13/24 14:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	194		ng/l	5.81	0.479	1
Perfluoropentanoic Acid (PFPeA)	19.8		ng/l	2.90	0.327	1
Perfluorobutanesulfonic Acid (PFBS)	7.88		ng/l	1.45	0.363	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.81	0.828	1
Perfluorohexanoic Acid (PFHxA)	16.0		ng/l	1.45	0.225	1
Perfluoropentanesulfonic Acid (PFPeS)	0.907	J	ng/l	1.45	0.189	1
Perfluoroheptanoic Acid (PFHpA)	7.54		ng/l	1.45	0.218	1
Perfluorohexanesulfonic Acid (PFHxS)	5.62		ng/l	1.45	0.123	1
Perfluorooctanoic Acid (PFOA)	23.6		ng/l	1.45	0.240	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.356	J	ng/l	1.45	0.181	1
Perfluorononanoic Acid (PFNA)	2.26		ng/l	1.45	0.240	1
Perfluorooctanesulfonic Acid (PFOS)	15.5		ng/l	1.45	0.240	1
Perfluorodecanoic Acid (PFDA)	0.871	J	ng/l	1.45	0.189	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.81	1.11	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.45	0.181	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.45	0.436	1
Perfluoroundecanoic Acid (PFUnA)	0.189	JF	ng/l	1.45	0.160	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.45	0.123	1
Perfluorooctanesulfonamide (PFOSA)	0.174	JF	ng/l	1.45	0.087	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.45	0.436	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.45	0.196	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.45	0.167	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.45	0.145	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	2.05	J	ng/l	5.81	1.45	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.81	0.341	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.45	0.218	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.81	0.399	1

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-05 R
Client ID: SMP-MW-10_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 11:10
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.81	0.406	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.45	0.203	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.45	0.319	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.5	1.18	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.5	1.00	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.90	0.225	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.90	0.327	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	2.90	0.298	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.90	0.494	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.26	0.486	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	36.3	3.86	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	36.3	2.89	1

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-05 R
Client ID: SMP-MW-10_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 11:10
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	10		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	58		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	103		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**269**	Q	40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	93		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	91		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	101		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	101		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	**343**	Q	40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	90		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	95		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	97		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	**317**	Q	40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	109		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	83		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	87		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	79		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	68		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	58		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	94		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	66		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	61		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	65		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	61		10-130

Project Name: SMP-STANDARD MOTOR PRODUCTS
Lab Number: L2464256
Project Number: 170861201
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-05 D
Client ID: SMP-MW-10_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 11:10
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 11/15/24 03:36
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 11/13/24 14:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	58.1	43.7	10

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-05 D
Client ID: SMP-MW-10_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 11:10
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	14		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	61		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	97		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	137		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	80		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	82		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	88		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	95		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	138		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	78		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	89		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	88		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	78		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	73		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	71		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	70		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	59		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	59		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	46		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	80		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	57		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	58		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	63		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	56		10-130

Project Name: SMP-STANDARD MOTOR PRODUCTS
Lab Number: L2464256
Project Number: 170861201
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-06
Client ID: SMP-MW-18_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 13:10
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/11/24 13:58
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 11/07/24 18:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	139	31.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	39		15-110

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-06 R
Client ID: SMP-MW-18_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 13:10
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 11/15/24 01:41
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 11/13/24 14:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	5.30	J	ng/l	5.83	0.481	1
Perfluoropentanoic Acid (PFPeA)	9.51		ng/l	2.92	0.328	1
Perfluorobutanesulfonic Acid (PFBS)	5.05		ng/l	1.46	0.364	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.83	0.831	1
Perfluorohexanoic Acid (PFHxA)	6.82		ng/l	1.46	0.226	1
Perfluoropentanesulfonic Acid (PFPeS)	0.386	J	ng/l	1.46	0.190	1
Perfluoroheptanoic Acid (PFHpA)	4.83		ng/l	1.46	0.219	1
Perfluorohexanesulfonic Acid (PFHxS)	3.42		ng/l	1.46	0.124	1
Perfluorooctanoic Acid (PFOA)	25.1		ng/l	1.46	0.240	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.83	4.39	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.372	J	ng/l	1.46	0.182	1
Perfluorononanoic Acid (PFNA)	3.34		ng/l	1.46	0.240	1
Perfluorooctanesulfonic Acid (PFOS)	16.8		ng/l	1.46	0.240	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.46	0.190	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.83	1.12	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.46	0.182	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.46	0.437	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.46	0.160	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.46	0.124	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.46	0.088	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.46	0.437	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.46	0.197	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.46	0.168	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.46	0.146	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.83	1.46	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.83	0.343	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.46	0.219	1

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-06 R
Client ID: SMP-MW-18_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 13:10
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.83	0.401	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.83	0.408	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.46	0.204	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.46	0.321	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.6	1.19	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.6	1.00	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.92	0.226	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.92	0.328	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	2.92	0.299	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.92	0.496	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.29	0.488	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	36.4	3.88	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	36.4	2.90	1

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-06 R
Client ID: SMP-MW-18_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 13:10
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	73		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	113		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	108		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**203**	Q	40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	96		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	87		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	95		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	95		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	175		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	85		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	90		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	94		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	124		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	93		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	81		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	74		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	59		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	58		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	48		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	93		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	65		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	65		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	63		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	63		10-130

Project Name: SMP-STANDARD MOTOR PRODUCTS
Lab Number: L2464256
Project Number: 170861201
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-07
Client ID: SMP-MW-16_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 16:30
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/11/24 14:22
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 11/07/24 18:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	1050		ng/l	156	35.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	42		15-110

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-07 R
Client ID: SMP-MW-16_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 16:30
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 11/15/24 01:50
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 11/13/24 14:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	9.57		ng/l	6.31	0.521	1
Perfluoropentanoic Acid (PFPeA)	24.2		ng/l	3.16	0.355	1
Perfluorobutanesulfonic Acid (PFBS)	4.85		ng/l	1.58	0.394	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.31	0.899	1
Perfluorohexanoic Acid (PFHxA)	16.3		ng/l	1.58	0.244	1
Perfluoropentanesulfonic Acid (PFPeS)	0.994	J	ng/l	1.58	0.205	1
Perfluoroheptanoic Acid (PFHpA)	9.42		ng/l	1.58	0.237	1
Perfluorohexanesulfonic Acid (PFHxS)	6.44		ng/l	1.58	0.134	1
Perfluorooctanoic Acid (PFOA)	41.4		ng/l	1.58	0.260	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.31	4.75	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.284	J	ng/l	1.58	0.197	1
Perfluorononanoic Acid (PFNA)	1.28	J	ng/l	1.58	0.260	1
Perfluorooctanesulfonic Acid (PFOS)	7.50		ng/l	1.58	0.260	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.58	0.205	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.31	1.21	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.58	0.197	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.58	0.473	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.58	0.174	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.58	0.134	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.58	0.095	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.58	0.473	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.58	0.213	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.58	0.181	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.58	0.158	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.31	1.58	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.31	0.371	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.58	0.237	1

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-07 R
Client ID: SMP-MW-16_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 16:30
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.31	0.434	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.31	0.442	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.58	0.221	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.58	0.347	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.8	1.28	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.8	1.09	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.16	0.244	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.16	0.355	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.16	0.323	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.16	0.536	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.89	0.528	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	39.4	4.20	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	39.4	3.14	1

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-07 R
Client ID: SMP-MW-16_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 16:30
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	83		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	108		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	110		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	161		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	93		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	82		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	96		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	93		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	118		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	88		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	92		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	91		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	90		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	94		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	81		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	74		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	49		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	61		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	55		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	89		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	63		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	63		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	72		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	68		10-130

Project Name: SMP-STANDARD MOTOR PRODUCTS
Lab Number: L2464256
Project Number: 170861201
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-08
Client ID: DUP01_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 00:00
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/11/24 14:45
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 11/07/24 18:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	150	33.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	40		15-110

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-08 R
Client ID: DUP01_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 00:00
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 11/15/24 01:59
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 11/13/24 14:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	5.08	J	ng/l	6.05	0.499	1
Perfluoropentanoic Acid (PFPeA)	9.24		ng/l	3.02	0.340	1
Perfluorobutanesulfonic Acid (PFBS)	5.12		ng/l	1.51	0.378	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.05	0.862	1
Perfluorohexanoic Acid (PFHxA)	6.50		ng/l	1.51	0.234	1
Perfluoropentanesulfonic Acid (PFPeS)	0.393	J	ng/l	1.51	0.197	1
Perfluoroheptanoic Acid (PFHpA)	4.55		ng/l	1.51	0.227	1
Perfluorohexanesulfonic Acid (PFHxS)	3.30		ng/l	1.51	0.128	1
Perfluorooctanoic Acid (PFOA)	24.0		ng/l	1.51	0.250	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.05	4.55	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.355	J	ng/l	1.51	0.189	1
Perfluorononanoic Acid (PFNA)	3.34		ng/l	1.51	0.250	1
Perfluorooctanesulfonic Acid (PFOS)	16.8		ng/l	1.51	0.250	1
Perfluorodecanoic Acid (PFDA)	0.348	J	ng/l	1.51	0.197	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.05	1.16	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.51	0.189	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.51	0.454	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.51	0.166	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.51	0.128	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.51	0.091	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.51	0.454	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.51	0.204	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.51	0.174	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.51	0.151	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.05	1.51	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.05	0.355	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.51	0.227	1

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-08 R
Client ID: DUP01_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 00:00
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.05	0.416	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.05	0.424	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.51	0.212	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.51	0.333	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.1	1.23	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.1	1.04	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.02	0.234	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.02	0.340	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.02	0.310	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.02	0.514	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.56	0.507	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	37.8	4.02	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	37.8	3.01	1

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-08 R
Client ID: DUP01_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 00:00
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	83		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	104		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	98		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	173		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	85		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	78		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	83		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	85		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	147		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	82		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	86		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	89		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	98		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	82		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	76		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	71		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	52		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	60		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	49		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	81		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	70		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	66		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	66		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	64		10-130

Project Name: SMP-STANDARD MOTOR PRODUCTS
Lab Number: L2464256
Project Number: 170861201
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-09
Client ID: GWFB01_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 17:07
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/11/24 15:08
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 11/07/24 18:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	156	35.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	38		15-110

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-09 R
Client ID: GWFB01_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 17:07
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 11/15/24 02:08
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 11/13/24 14:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.25	0.516	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.12	0.352	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.56	0.391	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.25	0.891	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.56	0.242	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.56	0.203	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.56	0.234	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.56	0.133	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.56	0.258	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.25	4.70	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.56	0.195	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.56	0.258	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.56	0.258	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.56	0.203	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.25	1.20	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.56	0.195	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.56	0.469	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.56	0.172	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.56	0.133	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.56	0.094	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.56	0.469	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.56	0.211	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.56	0.180	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.56	0.156	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.25	1.56	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.25	0.367	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.56	0.234	1

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-09 R
Client ID: GWFB01_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 17:07
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.25	0.430	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.25	0.438	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.56	0.219	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.56	0.344	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.6	1.27	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.6	1.08	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.12	0.242	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.12	0.352	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.12	0.320	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.12	0.531	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.81	0.523	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	39.1	4.16	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	39.1	3.11	1

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-09 R
Client ID: GWFB01_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY

Date Collected: 11/04/24 17:07
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	80		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	95		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	93		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	85		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	75		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	63		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	79		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	78		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	76		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	70		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	75		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	74		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	58		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	62		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	61		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	60		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	32		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	47		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	41		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	77		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	49		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	52		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	62		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	58		10-130

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 11/11/24 10:52
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 11/07/24 18:05

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 01-09 Batch: WG1994515-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	38		15-110

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 11/14/24 21:19
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 11/13/24 14:20

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-09 Batch: WG1994611-1 R					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.40	0.528
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.360
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.400
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.40	0.912
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	0.248
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.60	0.208
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.240
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.136
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.264
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	4.82
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.200
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.264
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.60	0.264
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.208
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	1.22
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.60	0.200
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	0.480
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.176
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.136
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.096
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.480
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.216
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.184
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.160
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.40	1.60
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.40	0.376
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.60	0.240

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 11/14/24 21:19
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 11/13/24 14:20

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-09 Batch: WG1994611-1 R					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.40	0.440
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.40	0.448
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.60	0.224
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.60	0.352
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.0	1.30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.0	1.10
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.20	0.248
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.20	0.360
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.20	0.328
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.20	0.544
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.00	0.536
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.0	4.26
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.0	3.18

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 11/14/24 21:19
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 11/13/24 14:20

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-09 Batch: WG1994611-1 R					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	101		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	127		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	112		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	103		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	99		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	85		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	103		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	99		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	97		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	97		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	95		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	100		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	84		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	82		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	90		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	98		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	52		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	69		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	66		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	109		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	56		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	55		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	79		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	74		10-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SMP-STANDARD MOTOR PRODUCTS

Project Number: 170861201

Lab Number: L2464256

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab	Associated sample(s): 01-09		Batch: WG1994515-2		WG1994515-3			
1,4-Dioxane	122		121		40-140	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	35		38		15-110

Lab Control Sample Analysis

Batch Quality Control

Project Name: SMP-STANDARD MOTOR PRODUCTS

Project Number: 170861201

Lab Number: L2464256

Report Date: 11/15/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-09 Batch: WG1994611-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	104		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	105		-		65-135	-		30
Perfluorobutanesulfonic Acid (PFBS)	105		-		60-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	98		-		70-145	-		30
Perfluorohexanoic Acid (PFHxA)	106		-		70-145	-		30
Perfluoropentanesulfonic Acid (PFPeS)	107		-		65-140	-		30
Perfluoroheptanoic Acid (PFHpA)	107		-		70-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	97		-		65-145	-		30
Perfluorooctanoic Acid (PFOA)	102		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	105		-		65-155	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	93		-		70-150	-		30
Perfluorononanoic Acid (PFNA)	119		-		70-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	95		-		55-150	-		30
Perfluorodecanoic Acid (PFDA)	95		-		70-140	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	104		-		60-150	-		30
Perfluorononanesulfonic Acid (PFNS)	90		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	96		-		50-140	-		30
Perfluoroundecanoic Acid (PFUnA)	94		-		70-145	-		30
Perfluorodecanesulfonic Acid (PFDS)	80		-		60-145	-		30
Perfluorooctanesulfonamide (PFOSA)	102		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	97		-		70-145	-		30
Perfluorododecanoic Acid (PFDoA)	100		-		70-140	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SMP-STANDARD MOTOR PRODUCTS

Project Number: 170861201

Lab Number: L2464256

Report Date: 11/15/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-09 Batch: WG1994611-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	92		-		65-140	-		30
Perfluorotetradecanoic Acid (PFTeDA)	100		-		60-140	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	102		-		70-140	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	128		-		65-145	-		30
Perfluorododecanesulfonic Acid (PFDoS)	74		-		50-145	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	112		-		70-155	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	93		-		55-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	118		-		60-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	104		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	103		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	111		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	90		-		55-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	90		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	101		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	106		-		50-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	86		-		65-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	98		-		70-135	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	82		-		50-145	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SMP-STANDARD MOTOR PRODUCTS

Project Number: 170861201

Lab Number: L2464256

Report Date: 11/15/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-09 Batch: WG1994611-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	107				5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	**131**	Q			40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	118				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	110				40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	107				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	97				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	112				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	107				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	102				40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	103				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	108				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	106				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	95				40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	81				40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	100				30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	95				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	63				25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	78				10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	73				10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	114				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	64				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	65				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	92				10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	91				10-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SMP-STANDARD MOTOR PRODUCTS

Project Number: 170861201

Lab Number: L2464256

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-09 Batch: WG1994611-3								
Perfluorobutanoic Acid (PFBA)	112		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	115		-		65-135	-		30
Perfluorobutanesulfonic Acid (PFBS)	110		-		60-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	111		-		70-145	-		30
Perfluorohexanoic Acid (PFHxA)	118		-		70-145	-		30
Perfluoropentanesulfonic Acid (PFPeS)	120		-		65-140	-		30
Perfluoroheptanoic Acid (PFHpA)	120		-		70-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	114		-		65-145	-		30
Perfluorooctanoic Acid (PFOA)	114		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	125		-		65-155	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	91		-		70-150	-		30
Perfluorononanoic Acid (PFNA)	129		-		70-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	98		-		55-150	-		30
Perfluorodecanoic Acid (PFDA)	108		-		70-140	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	110		-		60-150	-		30
Perfluorononanesulfonic Acid (PFNS)	93		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	115		-		50-140	-		30
Perfluoroundecanoic Acid (PFUnA)	105		-		70-145	-		30
Perfluorodecanesulfonic Acid (PFDS)	78		-		60-145	-		30
Perfluorooctanesulfonamide (PFOSA)	109		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	117		-		70-145	-		30
Perfluorododecanoic Acid (PFDoA)	113		-		70-140	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SMP-STANDARD MOTOR PRODUCTS

Project Number: 170861201

Lab Number: L2464256

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-09 Batch: WG1994611-3								
Perfluorotridecanoic Acid (PFTrDA)	97		-		65-140	-		30
Perfluorotetradecanoic Acid (PFTeDA)	110		-		60-140	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	120		-		70-140	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	144		-		65-145	-		30
Perfluorododecanesulfonic Acid (PFDoS)	74		-		50-145	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	110		-		70-155	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	89		-		55-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	117		-		60-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	111		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	112		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	122		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	106		-		55-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	102		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	116		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	120		-		50-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	102		-		65-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	113		-		70-135	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	99		-		50-145	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SMP-STANDARD MOTOR PRODUCTS

Project Number: 170861201

Lab Number: L2464256

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-09 Batch: WG1994611-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	102				5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	123				40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	122				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	104				40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	99				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	88				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	106				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	107				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	95				40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	99				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	108				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	109				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	95				40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	74				40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	96				30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	89				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	52				25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	78				10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	74				10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	105				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	71				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	71				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	86				10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	83				10-130

METALS

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-01 Date Collected: 11/04/24 14:39

Client ID: SMP-MW-11S_110424 Date Received: 11/04/24

Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.00017	J	mg/l	0.00100	0.00016	1	11/08/24 12:58	11/09/24 15:37	EPA 3005A	1,6020B	MRC
Iron, Total	0.145		mg/l	0.0500	0.0191	1	11/08/24 12:58	11/09/24 15:37	EPA 3005A	1,6020B	MRC
Manganese, Total	0.3540		mg/l	0.00100	0.00044	1	11/08/24 12:58	11/11/24 13:48	EPA 3005A	1,6020B	NTB
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	11/06/24 12:51	11/08/24 20:35	EPA 3005A	1,6020B	NTB
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	11/06/24 12:51	11/08/24 20:35	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	0.2617		mg/l	0.00100	0.00044	1	11/06/24 12:51	11/08/24 20:35	EPA 3005A	1,6020B	NTB

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-02 Date Collected: 11/04/24 13:07

Client ID: SMP-MW-19_110424 Date Received: 11/04/24

Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.00018	J	mg/l	0.00100	0.00016	1	11/08/24 12:58	11/09/24 15:41	EPA 3005A	1,6020B	MRC
Iron, Total	0.137		mg/l	0.0500	0.0191	1	11/08/24 12:58	11/09/24 15:41	EPA 3005A	1,6020B	MRC
Manganese, Total	0.2643		mg/l	0.00100	0.00044	1	11/08/24 12:58	11/11/24 13:52	EPA 3005A	1,6020B	NTB
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	11/06/24 12:51	11/08/24 20:40	EPA 3005A	1,6020B	NTB
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	11/06/24 12:51	11/08/24 20:40	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	0.1280		mg/l	0.00100	0.00044	1	11/06/24 12:51	11/08/24 20:40	EPA 3005A	1,6020B	NTB

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-03 Date Collected: 11/04/24 11:10

Client ID: SMP-MW-20_110424 Date Received: 11/04/24

Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.00022	J	mg/l	0.00100	0.00016	1	11/08/24 12:58	11/09/24 15:46	EPA 3005A	1,6020B	MRC
Iron, Total	0.320		mg/l	0.0500	0.0191	1	11/08/24 12:58	11/09/24 15:46	EPA 3005A	1,6020B	MRC
Manganese, Total	0.08492		mg/l	0.00100	0.00044	1	11/08/24 12:58	11/11/24 14:25	EPA 3005A	1,6020B	NTB
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	11/06/24 12:51	11/08/24 20:45	EPA 3005A	1,6020B	NTB
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	11/06/24 12:51	11/08/24 20:45	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	0.06054		mg/l	0.00100	0.00044	1	11/06/24 12:51	11/08/24 20:45	EPA 3005A	1,6020B	NTB

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-04 Date Collected: 11/04/24 16:11

Client ID: SMP-MW-17_110424 Date Received: 11/04/24

Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.00023	J	mg/l	0.00100	0.00016	1	11/08/24 12:58	11/09/24 15:50	EPA 3005A	1,6020B	MRC
Iron, Total	0.0238	J	mg/l	0.0500	0.0191	1	11/08/24 12:58	11/09/24 15:50	EPA 3005A	1,6020B	MRC
Manganese, Total	0.3870		mg/l	0.00100	0.00044	1	11/08/24 12:58	11/11/24 14:29	EPA 3005A	1,6020B	NTB
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	11/06/24 12:51	11/08/24 20:49	EPA 3005A	1,6020B	NTB
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	11/06/24 12:51	11/08/24 20:49	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	0.1955		mg/l	0.00100	0.00044	1	11/06/24 12:51	11/08/24 20:49	EPA 3005A	1,6020B	NTB

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-05 Date Collected: 11/04/24 11:10

Client ID: SMP-MW-10_110424 Date Received: 11/04/24

Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.00236		mg/l	0.00100	0.00016	1	11/08/24 12:58	11/09/24 16:04	EPA 3005A	1,6020B	MRC
Iron, Total	5.04		mg/l	0.0500	0.0191	1	11/08/24 12:58	11/09/24 16:04	EPA 3005A	1,6020B	MRC
Manganese, Total	1.124		mg/l	0.00100	0.00044	1	11/08/24 12:58	11/11/24 14:43	EPA 3005A	1,6020B	NTB
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	0.00108		mg/l	0.00050	0.00016	1	11/06/24 12:51	11/08/24 20:54	EPA 3005A	1,6020B	NTB
Iron, Dissolved	0.128		mg/l	0.0500	0.0191	1	11/06/24 12:51	11/08/24 20:54	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	0.9358		mg/l	0.00100	0.00044	1	11/06/24 12:51	11/08/24 20:54	EPA 3005A	1,6020B	NTB

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-06 Date Collected: 11/04/24 13:10

Client ID: SMP-MW-18_110424 Date Received: 11/04/24

Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.00100	0.00016	1	11/08/24 12:58	11/09/24 16:08	EPA 3005A	1,6020B	MRC
Iron, Total	0.0968		mg/l	0.0500	0.0191	1	11/08/24 12:58	11/09/24 16:08	EPA 3005A	1,6020B	MRC
Manganese, Total	0.1324		mg/l	0.00100	0.00044	1	11/08/24 12:58	11/11/24 14:47	EPA 3005A	1,6020B	NTB
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	11/06/24 12:51	11/08/24 21:08	EPA 3005A	1,6020B	NTB
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	11/06/24 12:51	11/08/24 21:08	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	0.08798		mg/l	0.00100	0.00044	1	11/06/24 12:51	11/08/24 21:08	EPA 3005A	1,6020B	NTB

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-07 Date Collected: 11/04/24 16:30

Client ID: SMP-MW-16_110424 Date Received: 11/04/24

Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.00698		mg/l	0.00100	0.00016	1	11/08/24 12:58	11/09/24 16:13	EPA 3005A	1,6020B	MRC
Iron, Total	3.88		mg/l	0.0500	0.0191	1	11/08/24 12:58	11/09/24 16:13	EPA 3005A	1,6020B	MRC
Manganese, Total	0.3932		mg/l	0.00100	0.00044	1	11/08/24 12:58	11/11/24 14:52	EPA 3005A	1,6020B	NTB
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	0.00271		mg/l	0.00050	0.00016	1	11/06/24 12:51	11/08/24 21:13	EPA 3005A	1,6020B	NTB
Iron, Dissolved	0.631		mg/l	0.0500	0.0191	1	11/06/24 12:51	11/08/24 21:13	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	0.3188		mg/l	0.00100	0.00044	1	11/06/24 12:51	11/08/24 21:13	EPA 3005A	1,6020B	NTB

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-08 Date Collected: 11/04/24 00:00

Client ID: DUP01_110424 Date Received: 11/04/24

Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.00100	0.00016	1	11/08/24 12:58	11/09/24 16:17	EPA 3005A	1,6020B	MRC
Iron, Total	0.0434	J	mg/l	0.0500	0.0191	1	11/08/24 12:58	11/09/24 16:17	EPA 3005A	1,6020B	MRC
Manganese, Total	0.1362		mg/l	0.00100	0.00044	1	11/08/24 12:58	11/11/24 14:56	EPA 3005A	1,6020B	NTB
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	11/06/24 12:51	11/08/24 21:18	EPA 3005A	1,6020B	NTB
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	11/06/24 12:51	11/08/24 21:18	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	0.08924		mg/l	0.00100	0.00044	1	11/06/24 12:51	11/08/24 21:18	EPA 3005A	1,6020B	NTB

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-09 Date Collected: 11/04/24 17:07

Client ID: GWFB01_110424 Date Received: 11/04/24

Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.00100	0.00016	1	11/08/24 12:58	11/09/24 16:21	EPA 3005A	1,6020B	MRC
Iron, Total	ND		mg/l	0.0500	0.0191	1	11/08/24 12:58	11/09/24 16:21	EPA 3005A	1,6020B	MRC
Manganese, Total	ND		mg/l	0.00100	0.00044	1	11/08/24 12:58	11/11/24 15:01	EPA 3005A	1,6020B	NTB
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	11/06/24 12:51	11/08/24 20:12	EPA 3005A	1,6020B	NTB
Iron, Dissolved	0.0203	J	mg/l	0.0500	0.0191	1	11/06/24 12:51	11/08/24 20:12	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	11/06/24 12:51	11/08/24 20:12	EPA 3005A	1,6020B	NTB

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-09 Batch: WG1993664-1										
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	11/06/24 12:55	11/07/24 09:46	1,6020B	NTB
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	11/06/24 12:55	11/07/24 09:46	1,6020B	NTB
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	11/06/24 12:55	11/07/24 09:46	1,6020B	NTB

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-09 Batch: WG1994641-1										
Arsenic, Total	ND		mg/l	0.00100	0.00016	1	11/08/24 12:58	11/09/24 14:16	1,6020B	MRC
Iron, Total	ND		mg/l	0.0500	0.0191	1	11/08/24 12:58	11/09/24 14:16	1,6020B	MRC
Manganese, Total	ND		mg/l	0.00100	0.00044	1	11/08/24 12:58	11/11/24 12:14	1,6020B	NTB

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: SMP-STANDARD MOTOR PRODUCTS

Project Number: 170861201

Lab Number: L2464256

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-09 Batch: WG1993664-2								
Arsenic, Dissolved	101		-		80-120	-		
Iron, Dissolved	103		-		80-120	-		
Manganese, Dissolved	97		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-09 Batch: WG1994641-2								
Arsenic, Total	96		-		80-120	-		
Iron, Total	109		-		80-120	-		
Manganese, Total	106		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201

Lab Number: L2464256
Report Date: 11/15/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG1993664-3 QC Sample: L2463522-01 Client ID: MS Sample												
Arsenic, Dissolved	ND	0.12	0.1126	94		-	-		75-125	-		20
Iron, Dissolved	ND	1	0.992	99		-	-		75-125	-		20
Manganese, Dissolved	0.0032	0.5	0.4859	96		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG1994641-3 QC Sample: L2464197-01 Client ID: MS Sample												
Arsenic, Total	0.01717	0.12	0.1397	102		-	-		75-125	-		20
Iron, Total	7.61	1	8.48	87		-	-		75-125	-		20
Manganese, Total	8.020	0.5	8.786	**153**	Q	-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: SMP-STANDARD MOTOR PRODUCTS

Project Number: 170861201

Lab Number: L2464256

Report Date: 11/15/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG1993664-4 QC Sample: L2463522-01 Client ID: DUP Sample						
Arsenic, Dissolved	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG1994641-4 QC Sample: L2464197-01 Client ID: DUP Sample						
Arsenic, Total	0.01717	0.01684	mg/l	2		20
Iron, Total	7.61	7.26	mg/l	5		20
Total Metals - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG1994641-4 QC Sample: L2464197-01 Client ID: DUP Sample						
Manganese, Total	8.020	7.940	mg/l	1		20

INORGANICS
&
MISCELLANEOUS

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464256
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-01
Client ID: SMP-MW-11S_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY
Date Collected: 11/04/24 14:39
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Sulfide	ND		mg/l	0.10	0.10	1	11/08/24 10:47	11/08/24 12:04	121,4500S2-D	LOF
Total Organic Carbon	1.4		mg/l	0.50	0.09	1	-	11/06/24 02:11	1,9060A	DEW
Anions by Ion Chromatography - Westborough Lab										
Chloride	71.4		mg/l	5.00	0.839	10	-	11/05/24 23:41	44,300.0	CVN
Nitrogen, Nitrate	ND		mg/l	0.050	0.012	1	-	11/05/24 23:29	44,300.0	CVN
Sulfate	16.9		mg/l	1.00	0.454	1	-	11/05/24 23:29	44,300.0	CVN

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464256
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-02
Client ID: SMP-MW-19_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY
Date Collected: 11/04/24 13:07
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Sulfide	ND		mg/l	0.10	0.10	1	11/08/24 10:47	11/08/24 12:06	121,4500S2-D	LOF
Total Organic Carbon	1.2		mg/l	0.50	0.09	1	-	11/06/24 02:11	1,9060A	DEW
Anions by Ion Chromatography - Westborough Lab										
Chloride	180.		mg/l	5.00	0.839	10	-	11/06/24 00:05	44,300.0	CVN
Nitrogen, Nitrate	ND		mg/l	0.050	0.012	1	-	11/05/24 23:53	44,300.0	CVN
Sulfate	62.9		mg/l	1.00	0.454	1	-	11/05/24 23:53	44,300.0	CVN

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464256
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-03
Client ID: SMP-MW-20_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY
Date Collected: 11/04/24 11:10
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Sulfide	ND		mg/l	0.10	0.10	1	11/08/24 10:47	11/08/24 12:08	121,4500S2-D	LOF
Total Organic Carbon	2.2		mg/l	0.50	0.09	1	-	11/06/24 02:11	1,9060A	DEW
Anions by Ion Chromatography - Westborough Lab										
Chloride	95.7		mg/l	5.00	0.839	10	-	11/06/24 00:29	44,300.0	CVN
Nitrogen, Nitrate	ND		mg/l	0.050	0.012	1	-	11/06/24 00:17	44,300.0	CVN
Sulfate	25.8		mg/l	1.00	0.454	1	-	11/06/24 00:17	44,300.0	CVN

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464256
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-04
Client ID: SMP-MW-17_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY
Sample Depth:
Matrix: Water
Date Collected: 11/04/24 16:11
Date Received: 11/04/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Sulfide	ND		mg/l	0.10	0.10	1	11/08/24 10:47	11/08/24 14:10	121,4500S2-D	LOF
Total Organic Carbon	1.4		mg/l	0.50	0.09	1	-	11/06/24 02:11	1,9060A	DEW
Anions by Ion Chromatography - Westborough Lab										
Chloride	123.		mg/l	5.00	0.839	10	-	11/06/24 00:53	44,300.0	CVN
Nitrogen, Nitrate	ND		mg/l	0.050	0.012	1	-	11/06/24 00:41	44,300.0	CVN
Sulfate	24.1		mg/l	1.00	0.454	1	-	11/06/24 00:41	44,300.0	CVN

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464256
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-05
Client ID: SMP-MW-10_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY
Sample Depth:
Matrix: Water
Date Collected: 11/04/24 11:10
Date Received: 11/04/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Sulfide	ND		mg/l	0.10	0.10	1	11/08/24 10:47	11/08/24 14:11	121,4500S2-D	LOF
Total Organic Carbon	16.		mg/l	2.0	0.39	4	-	11/06/24 02:11	1,9060A	DEW
Anions by Ion Chromatography - Westborough Lab										
Chloride	312.		mg/l	5.00	0.839	10	-	11/06/24 01:17	44,300.0	CVN
Nitrogen, Nitrate	0.046	J	mg/l	0.050	0.012	1	-	11/06/24 01:05	44,300.0	CVN
Sulfate	1.16		mg/l	1.00	0.454	1	-	11/06/24 01:05	44,300.0	CVN

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464256
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-06
Client ID: SMP-MW-18_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY
Date Collected: 11/04/24 13:10
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Sulfide	ND		mg/l	0.10	0.10	1	11/08/24 10:47	11/08/24 14:11	121,4500S2-D	LOF
Total Organic Carbon	1.2		mg/l	0.50	0.09	1	-	11/06/24 02:11	1,9060A	DEW
Anions by Ion Chromatography - Westborough Lab										
Chloride	119.		mg/l	5.00	0.839	10	-	11/06/24 02:30	44,300.0	CVN
Nitrogen, Nitrate	ND		mg/l	0.050	0.012	1	-	11/06/24 02:18	44,300.0	CVN
Sulfate	27.7		mg/l	1.00	0.454	1	-	11/06/24 02:18	44,300.0	CVN

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464256
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-07
Client ID: SMP-MW-16_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY
Date Collected: 11/04/24 16:30
Date Received: 11/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Sulfide	ND		mg/l	0.10	0.10	1	11/08/24 10:47	11/08/24 14:12	121,4500S2-D	LOF
Total Organic Carbon	0.80		mg/l	0.50	0.09	1	-	11/06/24 02:11	1,9060A	DEW
Anions by Ion Chromatography - Westborough Lab										
Chloride	295.		mg/l	5.00	0.839	10	-	11/06/24 02:54	44,300.0	CVN
Nitrogen, Nitrate	ND		mg/l	0.050	0.012	1	-	11/06/24 02:42	44,300.0	CVN
Sulfate	84.6		mg/l	1.00	0.454	1	-	11/06/24 02:42	44,300.0	CVN

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464256
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-08
Client ID: DUP01_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY
Sample Depth:
Matrix: Water
Date Collected: 11/04/24 00:00
Date Received: 11/04/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Sulfide	ND		mg/l	0.10	0.10	1	11/08/24 10:47	11/08/24 14:12	121,4500S2-D	LOF
Total Organic Carbon	1.2		mg/l	0.50	0.09	1	-	11/06/24 02:11	1,9060A	DEW
Anions by Ion Chromatography - Westborough Lab										
Chloride	117.		mg/l	5.00	0.839	10	-	11/06/24 03:18	44,300.0	CVN
Nitrogen, Nitrate	ND		mg/l	0.050	0.012	1	-	11/06/24 03:06	44,300.0	CVN
Sulfate	27.2		mg/l	1.00	0.454	1	-	11/06/24 03:06	44,300.0	CVN

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464256
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2464256-09
Client ID: GWFB01_110424
Sample Location: 37-18 NORTHERN BLVD-LONG ISLAND CITY
Sample Depth:
Matrix: Water
Date Collected: 11/04/24 17:07
Date Received: 11/04/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Sulfide	ND		mg/l	0.10	0.10	1	11/08/24 10:47	11/08/24 14:12	121,4500S2-D	LOF
Total Organic Carbon	ND		mg/l	0.50	0.09	1	-	11/06/24 02:11	1,9060A	DEW
Anions by Ion Chromatography - Westborough Lab										
Chloride	0.243	J	mg/l	0.500	0.083	1	-	11/06/24 03:30	44,300.0	CVN
Nitrogen, Nitrate	0.030	J	mg/l	0.050	0.012	1	-	11/06/24 03:30	44,300.0	CVN
Sulfate	ND		mg/l	1.00	0.454	1	-	11/06/24 03:30	44,300.0	CVN

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Anions by Ion Chromatography - Westborough Lab for sample(s): 01-09 Batch: WG1993459-1										
Chloride	0.236	J	mg/l	0.500	0.083	1	-	11/06/24 01:54	44,300.0	CVN
Nitrogen, Nitrate	0.025	J	mg/l	0.050	0.012	1	-	11/06/24 01:54	44,300.0	CVN
Sulfate	ND		mg/l	1.00	0.454	1	-	11/06/24 01:54	44,300.0	CVN
General Chemistry - Westborough Lab for sample(s): 01-09 Batch: WG1993730-1										
Total Organic Carbon	ND		mg/l	0.50	0.09	1	-	11/06/24 02:11	1,9060A	DEW
General Chemistry - Westborough Lab for sample(s): 01-09 Batch: WG1994804-1										
Sulfide	ND		mg/l	0.10	0.10	1	11/08/24 10:47	11/08/24 12:03	121,4500S2-D	LOF

Lab Control Sample Analysis

Batch Quality Control

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201

Lab Number: L2464256
Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-09 Batch: WG1993459-2								
Chloride	100		-		90-110	-		
Nitrogen, Nitrate	92		-		90-110	-		
Sulfate	98		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-09 Batch: WG1993730-2								
Total Organic Carbon	100		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-09 Batch: WG1994804-2								
Sulfide	100		-		75-125	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201

Lab Number: L2464256
Report Date: 11/15/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG1993459-3 QC Sample: L2464256-01 Client ID: SMP-MW-11S_110424												
Chloride	71.4	40	109	94		-	-		90-110	-		18
Nitrogen, Nitrate	ND	0.4	0.431	108		-	-		90-110	-		15
Sulfate	16.9	8	23.7	**85**	Q	-	-		90-110	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG1993730-4 QC Sample: L2464256-01 Client ID: SMP-MW-11S_110424												
Total Organic Carbon	1.4	16	17	97		-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG1994804-4 QC Sample: L2464256-02 Client ID: SMP-MW-19_110424												
Sulfide	ND	0.52	0.34	**65**	Q	-	-		70-130	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201

Lab Number: L2464256
Report Date: 11/15/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG1993459-4 QC Sample: L2464256-01 Client ID: SMP-MW-11S_110424						
Nitrogen, Nitrate	ND	ND	mg/l	NC		15
Sulfate	16.9	16.8	mg/l	9		20
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG1993459-4 QC Sample: L2464256-01 Client ID: SMP-MW-11S_110424						
Chloride	71.4	70.9	mg/l	1		18
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG1993730-3 QC Sample: L2464256-01 Client ID: SMP-MW-11S_110424						
Total Organic Carbon	1.4	1.4	mg/l	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG1994804-3 QC Sample: L2464256-01 Client ID: SMP-MW-11S_110424						
Sulfide	ND	ND	mg/l	NC		20

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201

Lab Number: L2464256
Report Date: 11/15/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2464256-01A	Vial HCl preserved	B	NA		2.6	Y	Absent		NYTCL-8260(14)
L2464256-01B	Vial HCl preserved	B	NA		2.6	Y	Absent		NYTCL-8260(14)
L2464256-01C	Vial HCl preserved	B	NA		2.6	Y	Absent		NYTCL-8260(14)
L2464256-01D	Vial H2SO4 preserved	B	NA		2.6	Y	Absent		TOC-9060(28)
L2464256-01E	Vial H2SO4 preserved	B	NA		2.6	Y	Absent		TOC-9060(28)
L2464256-01F	Vial H2SO4 preserved	B	NA		2.6	Y	Absent		TOC-9060(28)
L2464256-01G	Vial HCl preserved	B	NA		2.6	Y	Absent		SUB-DISSGAS(14)
L2464256-01H	Vial HCl preserved	B	NA		2.6	Y	Absent		SUB-DISSGAS(14)
L2464256-01I	Plastic 250ml HNO3 preserved	B	<2	<2	2.6	Y	Absent		FE-6020T(180),MN-6020T(180),AS-6020T(180)
L2464256-01J	Plastic 250ml unpreserved	B	7	7	2.6	Y	Absent		-
L2464256-01K	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	2.6	Y	Absent		SULFIDE-4500(7)
L2464256-01L	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	2.6	Y	Absent		SULFIDE-4500(7)
L2464256-01M	Plastic 250ml unpreserved	B	7	7	2.6	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2)
L2464256-01N	Amber 250ml unpreserved	B	7	7	2.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2464256-01O	Amber 250ml unpreserved	B	7	7	2.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2464256-01P	Plastic 500ml unpreserved	A	NA		3.5	Y	Absent		A2-NY-1633(28)
L2464256-01Q	Plastic 500ml unpreserved	A	NA		3.5	Y	Absent		A2-NY-1633(28)
L2464256-01X	Plastic 120ml HNO3 preserved Filtrates	B	NA		2.6	Y	Absent		MN-6020S(180),FE-6020S(180),AS-6020S(180)
L2464256-02A	Vial HCl preserved	B	NA		2.6	Y	Absent		NYTCL-8260(14)
L2464256-02B	Vial HCl preserved	B	NA		2.6	Y	Absent		NYTCL-8260(14)
L2464256-02C	Vial HCl preserved	B	NA		2.6	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201

Lab Number: L2464256
Report Date: 11/15/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2464256-02D	Vial H2SO4 preserved	B	NA		2.6	Y	Absent		TOC-9060(28)
L2464256-02E	Vial H2SO4 preserved	B	NA		2.6	Y	Absent		TOC-9060(28)
L2464256-02F	Vial H2SO4 preserved	B	NA		2.6	Y	Absent		TOC-9060(28)
L2464256-02G	Vial HCl preserved	B	NA		2.6	Y	Absent		SUB-DISSGAS(14)
L2464256-02H	Vial HCl preserved	B	NA		2.6	Y	Absent		SUB-DISSGAS(14)
L2464256-02I	Plastic 250ml HNO3 preserved	B	<2	<2	2.6	Y	Absent		FE-6020T(180),MN-6020T(180),AS-6020T(180)
L2464256-02J	Plastic 250ml unpreserved	B	7	7	2.6	Y	Absent		-
L2464256-02K	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	2.6	Y	Absent		SULFIDE-4500(7)
L2464256-02L	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	2.6	Y	Absent		SULFIDE-4500(7)
L2464256-02M	Plastic 250ml unpreserved	B	7	7	2.6	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2)
L2464256-02N	Amber 250ml unpreserved	B	7	7	2.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2464256-02O	Amber 250ml unpreserved	B	7	7	2.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2464256-02P	Plastic 500ml unpreserved	A	NA		3.5	Y	Absent		A2-NY-1633(28)
L2464256-02Q	Plastic 500ml unpreserved	A	NA		3.5	Y	Absent		A2-NY-1633(28)
L2464256-02X	Plastic 120ml HNO3 preserved Filtrates	B	NA		2.6	Y	Absent		MN-6020S(180),FE-6020S(180),AS-6020S(180)
L2464256-03A	Vial HCl preserved	B	NA		2.6	Y	Absent		NYTCL-8260(14)
L2464256-03B	Vial HCl preserved	B	NA		2.6	Y	Absent		NYTCL-8260(14)
L2464256-03C	Vial HCl preserved	B	NA		2.6	Y	Absent		NYTCL-8260(14)
L2464256-03D	Vial H2SO4 preserved	B	NA		2.6	Y	Absent		TOC-9060(28)
L2464256-03E	Vial H2SO4 preserved	B	NA		2.6	Y	Absent		TOC-9060(28)
L2464256-03F	Vial H2SO4 preserved	B	NA		2.6	Y	Absent		TOC-9060(28)
L2464256-03G	Vial HCl preserved	B	NA		2.6	Y	Absent		SUB-DISSGAS(14)
L2464256-03H	Vial HCl preserved	B	NA		2.6	Y	Absent		SUB-DISSGAS(14)
L2464256-03I	Plastic 250ml HNO3 preserved	B	<2	<2	2.6	Y	Absent		FE-6020T(180),MN-6020T(180),AS-6020T(180)
L2464256-03J	Plastic 250ml unpreserved	B	7	7	2.6	Y	Absent		-
L2464256-03K	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	2.6	Y	Absent		SULFIDE-4500(7)
L2464256-03L	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	2.6	Y	Absent		SULFIDE-4500(7)
L2464256-03M	Plastic 250ml unpreserved	B	7	7	2.6	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2464256-03N	Amber 250ml unpreserved	B	7	7	2.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2464256-03O	Amber 250ml unpreserved	B	7	7	2.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2464256-03P	Plastic 500ml unpreserved	A	NA		3.5	Y	Absent		A2-NY-1633(28)
L2464256-03Q	Plastic 500ml unpreserved	A	NA		3.5	Y	Absent		A2-NY-1633(28)
L2464256-03X	Plastic 120ml HNO3 preserved Filtrates	B	NA		2.6	Y	Absent		MN-6020S(180),FE-6020S(180),AS-6020S(180)
L2464256-04A	Vial HCl preserved	B	NA		2.6	Y	Absent		NYTCL-8260(14)
L2464256-04B	Vial HCl preserved	B	NA		2.6	Y	Absent		NYTCL-8260(14)
L2464256-04C	Vial HCl preserved	B	NA		2.6	Y	Absent		NYTCL-8260(14)
L2464256-04D	Vial H2SO4 preserved	B	NA		2.6	Y	Absent		TOC-9060(28)
L2464256-04E	Vial H2SO4 preserved	B	NA		2.6	Y	Absent		TOC-9060(28)
L2464256-04F	Vial H2SO4 preserved	B	NA		2.6	Y	Absent		TOC-9060(28)
L2464256-04G	Vial HCl preserved	B	NA		2.6	Y	Absent		SUB-DISSGAS(14)
L2464256-04H	Vial HCl preserved	B	NA		2.6	Y	Absent		SUB-DISSGAS(14)
L2464256-04I	Plastic 250ml HNO3 preserved	B	<2	<2	2.6	Y	Absent		FE-6020T(180),MN-6020T(180),AS-6020T(180)
L2464256-04J	Plastic 250ml unpreserved	B	7	7	2.6	Y	Absent		-
L2464256-04K	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	2.6	Y	Absent		SULFIDE-4500(7)
L2464256-04L	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	2.6	Y	Absent		SULFIDE-4500(7)
L2464256-04M	Plastic 250ml unpreserved	B	7	7	2.6	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2)
L2464256-04N	Amber 250ml unpreserved	B	7	7	2.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2464256-04O	Amber 250ml unpreserved	B	7	7	2.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2464256-04P	Plastic 500ml unpreserved	A	NA		3.5	Y	Absent		A2-NY-1633(28)
L2464256-04Q	Plastic 500ml unpreserved	A	NA		3.5	Y	Absent		A2-NY-1633(28)
L2464256-04X	Plastic 120ml HNO3 preserved Filtrates	B	NA		2.6	Y	Absent		MN-6020S(180),FE-6020S(180),AS-6020S(180)
L2464256-05A	Vial HCl preserved	C	NA		4.3	Y	Absent		NYTCL-8260(14)
L2464256-05B	Vial HCl preserved	C	NA		4.3	Y	Absent		NYTCL-8260(14)
L2464256-05C	Vial HCl preserved	C	NA		4.3	Y	Absent		NYTCL-8260(14)
L2464256-05D	Vial H2SO4 preserved	C	NA		4.3	Y	Absent		TOC-9060(28)
L2464256-05E	Vial H2SO4 preserved	C	NA		4.3	Y	Absent		TOC-9060(28)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2464256-05F	Vial H2SO4 preserved	C	NA		4.3	Y	Absent		TOC-9060(28)
L2464256-05G	Vial HCl preserved	C	NA		4.3	Y	Absent		SUB-DISSGAS(14)
L2464256-05H	Vial HCl preserved	C	NA		4.3	Y	Absent		SUB-DISSGAS(14)
L2464256-05I	Plastic 250ml HNO3 preserved	C	<2	<2	4.3	Y	Absent		FE-6020T(180),MN-6020T(180),AS-6020T(180)
L2464256-05J	Plastic 250ml unpreserved	C	7	7	4.3	Y	Absent		-
L2464256-05K	Plastic 250ml Zn Acetate/NaOH preserved	C	>9	>9	4.3	Y	Absent		SULFIDE-4500(7)
L2464256-05L	Plastic 250ml Zn Acetate/NaOH preserved	C	>9	>9	4.3	Y	Absent		SULFIDE-4500(7)
L2464256-05M	Plastic 250ml unpreserved	C	7	7	4.3	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2)
L2464256-05N	Amber 250ml unpreserved	C	7	7	4.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2464256-05O	Amber 250ml unpreserved	C	7	7	4.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2464256-05P	Plastic 500ml unpreserved	A	NA		3.5	Y	Absent		A2-NY-1633(28)
L2464256-05Q	Plastic 500ml unpreserved	A	NA		3.5	Y	Absent		A2-NY-1633(28)
L2464256-05X	Plastic 120ml HNO3 preserved Filtrates	C	NA		4.3	Y	Absent		MN-6020S(180),FE-6020S(180),AS-6020S(180)
L2464256-06A	Vial HCl preserved	C	NA		4.3	Y	Absent		NYTCL-8260(14)
L2464256-06B	Vial HCl preserved	C	NA		4.3	Y	Absent		NYTCL-8260(14)
L2464256-06C	Vial HCl preserved	C	NA		4.3	Y	Absent		NYTCL-8260(14)
L2464256-06D	Vial H2SO4 preserved	C	NA		4.3	Y	Absent		TOC-9060(28)
L2464256-06E	Vial H2SO4 preserved	C	NA		4.3	Y	Absent		TOC-9060(28)
L2464256-06F	Vial H2SO4 preserved	C	NA		4.3	Y	Absent		TOC-9060(28)
L2464256-06G	Vial HCl preserved	C	NA		4.3	Y	Absent		SUB-DISSGAS(14)
L2464256-06H	Vial HCl preserved	C	NA		4.3	Y	Absent		SUB-DISSGAS(14)
L2464256-06I	Plastic 250ml HNO3 preserved	C	<2	<2	4.3	Y	Absent		FE-6020T(180),MN-6020T(180),AS-6020T(180)
L2464256-06J	Plastic 250ml unpreserved	C	7	7	4.3	Y	Absent		-
L2464256-06K	Plastic 250ml Zn Acetate/NaOH preserved	C	>9	>9	4.3	Y	Absent		SULFIDE-4500(7)
L2464256-06L	Plastic 250ml Zn Acetate/NaOH preserved	C	>9	>9	4.3	Y	Absent		SULFIDE-4500(7)
L2464256-06M	Plastic 250ml unpreserved	C	7	7	4.3	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2)
L2464256-06N	Amber 250ml unpreserved	C	7	7	4.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2464256-06O	Amber 250ml unpreserved	C	7	7	4.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)

*Values in parentheses indicate holding time in days

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201

Lab Number: L2464256
Report Date: 11/15/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2464256-06P	Plastic 500ml unpreserved	A	NA		3.5	Y	Absent		A2-NY-1633(28)
L2464256-06Q	Plastic 500ml unpreserved	A	NA		3.5	Y	Absent		A2-NY-1633(28)
L2464256-06X	Plastic 120ml HNO3 preserved Filtrates	C	NA		4.3	Y	Absent		MN-6020S(180),FE-6020S(180),AS-6020S(180)
L2464256-07A	Vial HCl preserved	C	NA		4.3	Y	Absent		NYTCL-8260(14)
L2464256-07B	Vial HCl preserved	C	NA		4.3	Y	Absent		NYTCL-8260(14)
L2464256-07C	Vial HCl preserved	C	NA		4.3	Y	Absent		NYTCL-8260(14)
L2464256-07D	Vial H2SO4 preserved	C	NA		4.3	Y	Absent		TOC-9060(28)
L2464256-07E	Vial H2SO4 preserved	C	NA		4.3	Y	Absent		TOC-9060(28)
L2464256-07F	Vial H2SO4 preserved	C	NA		4.3	Y	Absent		TOC-9060(28)
L2464256-07G	Vial HCl preserved	C	NA		4.3	Y	Absent		SUB-DISSGAS(14)
L2464256-07H	Vial HCl preserved	C	NA		4.3	Y	Absent		SUB-DISSGAS(14)
L2464256-07I	Plastic 250ml HNO3 preserved	C	<2	<2	4.3	Y	Absent		FE-6020T(180),MN-6020T(180),AS-6020T(180)
L2464256-07J	Plastic 250ml unpreserved	C	7	7	4.3	Y	Absent		-
L2464256-07K	Plastic 250ml Zn Acetate/NaOH preserved	C	>9	>9	4.3	Y	Absent		SULFIDE-4500(7)
L2464256-07L	Plastic 250ml Zn Acetate/NaOH preserved	C	>9	>9	4.3	Y	Absent		SULFIDE-4500(7)
L2464256-07M	Plastic 250ml unpreserved	C	7	7	4.3	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2)
L2464256-07N	Amber 250ml unpreserved	C	7	7	4.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2464256-07O	Amber 250ml unpreserved	C	7	7	4.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2464256-07P	Plastic 250ml unpreserved	A	NA		3.5	Y	Absent		A2-NY-1633(28)
L2464256-07Q	Plastic 250ml unpreserved	A	NA		3.5	Y	Absent		A2-NY-1633(28)
L2464256-07R	Plastic 250ml unpreserved	A	NA		3.5	Y	Absent		A2-NY-1633(28)
L2464256-07S	Plastic 250ml unpreserved	A	NA		3.5	Y	Absent		A2-NY-1633(28)
L2464256-07X	Plastic 120ml HNO3 preserved Filtrates	C	NA		4.3	Y	Absent		MN-6020S(180),FE-6020S(180),AS-6020S(180)
L2464256-08A	Vial HCl preserved	C	NA		4.3	Y	Absent		NYTCL-8260(14)
L2464256-08B	Vial HCl preserved	C	NA		4.3	Y	Absent		NYTCL-8260(14)
L2464256-08C	Vial HCl preserved	C	NA		4.3	Y	Absent		NYTCL-8260(14)
L2464256-08D	Vial H2SO4 preserved	C	NA		4.3	Y	Absent		TOC-9060(28)
L2464256-08E	Vial H2SO4 preserved	C	NA		4.3	Y	Absent		TOC-9060(28)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2464256-08F	Vial H2SO4 preserved	C	NA		4.3	Y	Absent		TOC-9060(28)
L2464256-08G	Vial HCl preserved	C	NA		4.3	Y	Absent		SUB-DISSGAS(14)
L2464256-08H	Vial HCl preserved	C	NA		4.3	Y	Absent		SUB-DISSGAS(14)
L2464256-08I	Plastic 250ml HNO3 preserved	C	<2	<2	4.3	Y	Absent		FE-6020T(180),MN-6020T(180),AS-6020T(180)
L2464256-08J	Plastic 250ml unpreserved	C	7	7	4.3	Y	Absent		-
L2464256-08K	Plastic 250ml Zn Acetate/NaOH preserved	C	>9	>9	4.3	Y	Absent		SULFIDE-4500(7)
L2464256-08L	Plastic 250ml Zn Acetate/NaOH preserved	C	>9	>9	4.3	Y	Absent		SULFIDE-4500(7)
L2464256-08M	Plastic 250ml unpreserved	C	7	7	4.3	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2)
L2464256-08N	Amber 250ml unpreserved	C	7	7	4.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2464256-08O	Amber 250ml unpreserved	C	7	7	4.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2464256-08P	Plastic 500ml unpreserved	A	NA		3.5	Y	Absent		A2-NY-1633(28)
L2464256-08Q	Plastic 500ml unpreserved	A	NA		3.5	Y	Absent		A2-NY-1633(28)
L2464256-08X	Plastic 120ml HNO3 preserved Filtrates	C	NA		4.3	Y	Absent		MN-6020S(180),FE-6020S(180),AS-6020S(180)
L2464256-09A	Vial HCl preserved	B	NA		2.6	Y	Absent		NYTCL-8260(14)
L2464256-09B	Vial HCl preserved	B	NA		2.6	Y	Absent		NYTCL-8260(14)
L2464256-09C	Vial HCl preserved	B	NA		2.6	Y	Absent		NYTCL-8260(14)
L2464256-09D	Vial H2SO4 preserved	B	NA		2.6	Y	Absent		TOC-9060(28)
L2464256-09E	Vial H2SO4 preserved	B	NA		2.6	Y	Absent		TOC-9060(28)
L2464256-09F	Vial H2SO4 preserved	B	NA		2.6	Y	Absent		TOC-9060(28)
L2464256-09G	Vial HCl preserved	B	NA		2.6	Y	Absent		SUB-DISSGAS(14)
L2464256-09H	Vial HCl preserved	B	NA		2.6	Y	Absent		SUB-DISSGAS(14)
L2464256-09I	Plastic 250ml HNO3 preserved	B	<2	<2	2.6	Y	Absent		FE-6020T(180),MN-6020T(180),AS-6020T(180)
L2464256-09J	Plastic 250ml unpreserved	B	7	7	2.6	Y	Absent		-
L2464256-09K	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	2.6	Y	Absent		SULFIDE-4500(7)
L2464256-09L	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	2.6	Y	Absent		SULFIDE-4500(7)
L2464256-09M	Plastic 250ml unpreserved	B	7	7	2.6	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2)
L2464256-09N	Amber 250ml unpreserved	B	7	7	2.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2464256-09O	Amber 250ml unpreserved	B	7	7	2.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)

*Values in parentheses indicate holding time in days

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201

Lab Number: L2464256
Report Date: 11/15/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2464256-09P	Plastic 500ml unpreserved	A	NA		3.5	Y	Absent		A2-NY-1633(28)
L2464256-09X	Plastic 120ml HNO3 preserved Filtrates	B	NA		2.6	Y	Absent		MN-6020S(180),FE-6020S(180),AS-6020S(180)
L2464256-10A	Vial HCl preserved	B	NA		2.6	Y	Absent		NYTCL-8260(14)
L2464256-10B	Vial HCl preserved	B	NA		2.6	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464256
Report Date: 11/15/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201

Lab Number: L2464256
Report Date: 11/15/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	SMP-STANDARD MOTOR PRODUCTS	**Lab Number:**	L2464256
Project Number:	170861201	**Report Date:**	11/15/24

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: DU Report with 'J' Qualifiers

Project Name:	SMP-STANDARD MOTOR PRODUCTS	**Lab Number:**	L2464256
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Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	SMP-STANDARD MOTOR PRODUCTS	**Lab Number:**	L2464256
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Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464256

Project Number: 170861201 **Report Date:** 11/15/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

44 Methods for the Determination of Inorganic Substances in Environmental Samples, EPA/600/R-93/100, August 1993.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

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 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine, 2,6-Dichlorophenol.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
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.
Nonpotable Water: EPA RSK-175 Dissolved Gases
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 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).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, 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.

NEW YORK CHAIN OF CUSTODY

L2464256 11NOV24
LANGAN – NYC

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 11/5/24

Project Information
Project Name: SMP - Standard Monitoring Program
Project Location: 37-18 Northern Blvd - Long Island City
Project #: 170861201
(Use Project name as Project #): ☐
Project Manager: Matt Del Bianco
ALPHAQuote #:

Turn-Around Time
Standard: ☑ Due Date:
Rush (only if pre approved): ☐ # of Days:

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☐ Same as Client Info
PO #

Regulatory Requirement
☑ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

Client Information
Client: Langan
Address: 300 Kimball Drive, Parsippany - Troy Hills
Phone: 914-323-7428
Fax:
Email: mdelblanco@langan.com

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
For MW-16, PFAS is in 4 x 250mL rather than 2x500
Disregard proj number on bottleware, please confirm analytes with mdelblanco@langan.com

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	1,4-Dioxane	504 CL NO3	Total/Dissolved Metals	Sulfide-4500	NYTCL-8260	Sub-D5905	TOC	PFAS	Sample Specific Comments
64256-01	SMP-MW-13_110424	11-04-24	1439	GW	SM/AS	X	X	X	X	X	X	X	X	
-02	SMP-MW-19_110424	"	1307	"	"	X	X	X	X	X	X	X	X	
-03	SMP-MW-20_110424	"	1110	"	"	X	X	X	X	X	X	X	X	
-04	SMP-MW-17-110424	"	1611	"	"	X	X	X	X	X	X	X	X	
-05	SMP-MW-10_110424	"	1110	"	"	X	X	X	X	X	X	X	X	
-06	SMP-MW-18-110424	"	1310	"	"	X	X	X	X	X	X	X	X	
-07	SMP-MW-16_110424	"	1630	"	"	X	X	X	X	X	X	X	X	
-08	DUP01_110424	"		"	"	X	X	X	X	X	X	X	X	
-09	GWFB01_110424	"	1707	"	"	X	X	X	X	X	X	X	X	
-10	GWTB_110424	lab	lab	—	→					X				

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

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

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Shawn Meer	11-4-24 1250	MPZW (PACE)	11/4/24 19:50
MPZW	11/4 1930	PACE	11/4/24 1930
PACE	11/4/24		11/4/24 2300
	11/5/24 0225		11/5/24 02:25

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

November 13, 2024

Pace Analytical (Alpha) - Westborough,MA

Sample Delivery Group:	L1796488
Samples Received:	11/06/2024
Project Number:	L2464256
Description:	L2464256

Report To: Ben Rao
8 Walkup Drive
Westborough, MA 01581

Entire Report Reviewed By: Haley Torrence

Haley Torrence
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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SMP-MW-11S_110424 L1796488-01 GW

Collected by | Collected date/time 11/04/24 14:39 | Received date/time 11/06/24 14:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2398842	1	11/10/24 10:52	11/10/24 10:52	CCM	Mt. Juliet, TN

SMP-MW-19_110424 L1796488-02 GW

Collected by | Collected date/time 11/04/24 13:07 | Received date/time 11/06/24 14:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2398842	1	11/10/24 10:57	11/10/24 10:57	CCM	Mt. Juliet, TN

SMP-MW-20_110424 L1796488-03 GW

Collected by | Collected date/time 11/04/24 11:10 | Received date/time 11/06/24 14:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2398842	1	11/10/24 11:06	11/10/24 11:06	CCM	Mt. Juliet, TN

SMP-MW-17_110424 L1796488-04 GW

Collected by | Collected date/time 11/04/24 16:11 | Received date/time 11/06/24 14:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2398842	1	11/10/24 11:14	11/10/24 11:14	CCM	Mt. Juliet, TN

SMP-MW-10_110424 L1796488-05 GW

Collected by | Collected date/time 11/04/24 11:10 | Received date/time 11/06/24 14:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2398842	1	11/10/24 11:19	11/10/24 11:19	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2399172	10	11/10/24 17:26	11/10/24 17:26	CCM	Mt. Juliet, TN

SMP-MW-18_110424 L1796488-06 GW

Collected by | Collected date/time 11/04/24 13:10 | Received date/time 11/06/24 14:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2398842	1	11/10/24 11:24	11/10/24 11:24	CCM	Mt. Juliet, TN

SMP-MW-16_110424 L1796488-07 GW

Collected by | Collected date/time 11/04/24 16:30 | Received date/time 11/06/24 14:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2398842	1	11/10/24 11:53	11/10/24 11:53	CCM	Mt. Juliet, TN

DUP01_110424 L1796488-08 GW

Collected by | Collected date/time 11/04/24 00:00 | Received date/time 11/06/24 14:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2398842	1	11/10/24 13:54	11/10/24 13:54	CCM	Mt. Juliet, TN

GWFB01_110424 L1796488-09 GW

			Collected by	Collected date/time	Received date/time
				11/04/24 17:07	11/06/24 14:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2398842	1	11/10/24 13:58	11/10/24 13:58	CCM	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Haley Torrence

Haley Torrence
Project Manager

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	189		5.10	10.0	1	11/10/2024 10:52	WG2398842
Ethane	U		3.40	13.0	1	11/10/2024 10:52	WG2398842
Ethene	U		3.40	13.0	1	11/10/2024 10:52	WG2398842

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	15.7		5.10	10.0	1	11/10/2024 10:57	WG2398842
Ethane	U		3.40	13.0	1	11/10/2024 10:57	WG2398842
Ethene	U		3.40	13.0	1	11/10/2024 10:57	WG2398842

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	153		5.10	10.0	1	11/10/2024 11:06	WG2398842
Ethane	U		3.40	13.0	1	11/10/2024 11:06	WG2398842
Ethene	U		3.40	13.0	1	11/10/2024 11:06	WG2398842

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	195		5.10	10.0	1	11/10/2024 11:14	WG2398842
Ethane	U		3.40	13.0	1	11/10/2024 11:14	WG2398842
Ethene	U		3.40	13.0	1	11/10/2024 11:14	WG2398842

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	14400		51.0	100	10	11/10/2024 17:26	WG2399172
Ethane	15.9		3.40	13.0	1	11/10/2024 11:19	WG2398842
Ethene	U		3.40	13.0	1	11/10/2024 11:19	WG2398842

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	91.1		5.10	10.0	1	11/10/2024 11:24	WG2398842
Ethane	U		3.40	13.0	1	11/10/2024 11:24	WG2398842
Ethene	U		3.40	13.0	1	11/10/2024 11:24	WG2398842

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	U		5.10	10.0	1	11/10/2024 11:53	WG2398842
Ethane	U		3.40	13.0	1	11/10/2024 11:53	WG2398842
Ethene	U		3.40	13.0	1	11/10/2024 11:53	WG2398842

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	83.0		5.10	10.0	1	11/10/2024 13:54	WG2398842
Ethane	U		3.40	13.0	1	11/10/2024 13:54	WG2398842
Ethene	U		3.40	13.0	1	11/10/2024 13:54	WG2398842

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	U		5.10	10.0	1	11/10/2024 13:58	WG2398842
Ethane	U		3.40	13.0	1	11/10/2024 13:58	WG2398842
Ethene	U		3.40	13.0	1	11/10/2024 13:58	WG2398842

Method Blank (MB)

(MB) R4144236-2 11/10/24 10:26

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Methane	U		5.10	10.0
Ethane	U		3.40	13.0
Ethene	U		3.40	13.0

L1796488-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1796488-01 11/10/24 10:52 • (DUP) R4144236-3 11/10/24 12:54

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	189	190	1	0.528		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20

L1796488-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1796488-09 11/10/24 13:58 • (DUP) R4144236-4 11/10/24 15:58

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	U	U	1	0.000		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4144236-1 11/10/24 10:21 • (LCSD) R4144236-5 11/10/24 16:02

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Methane	67.8	67.1	63.6	99.0	93.8	85.0-115			5.36	20
Ethane	129	121	119	93.8	92.2	85.0-115			1.67	20
Ethene	127	120	118	94.5	92.9	85.0-115			1.68	20

Method Blank (MB)

(MB) R4144247-2 11/10/24 16:34

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Methane	U		5.10	10.0

L1796425-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1796425-03 11/10/24 16:43 • (DUP) R4144247-3 11/10/24 17:39

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	11000	10400	10	5.61		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4144247-1 11/10/24 16:28 • (LCSD) R4144247-4 11/10/24 18:05

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Methane	67.8	61.9	62.7	91.3	92.5	85.0-115			1.28	20

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

D086

ALPHA ANALYTICAL
World Class Chemistry

Subcontract Chain of Custody

Pace Analytical National
12065 Lebanon Road
Mt. Juliet, TN 37122

Alpha Job Number
L2464256

Page 1

Client Information

Client: Alpha Analytical Labs
Address: Eight Walkup Drive
Westborough, MA 01581-1019

Report To:west.subreports@pacelabs.com
Bill To:invoices@pacelabs.coupahost.com

Phone: 201.812.2633
Email: Benjamin.Rao@pacelabs.com

Project Information

Project Location: NY
Project Manager: Ben Rao

Turnaround & Deliverables Information

Due Date:
Deliverables: ASP Category B Deliverables

Regulatory Requirements/Report Limits

State/Federal Program:
Regulatory Criteria: NY-TOGS-GA

Report to MDL

Project Specific Requirements and/or Report Requirements

Reference following Alpha Job Number on final report/deliverables: L2464256 Report to include Method and/or Regulatory required batch QC

Additional Comments: L2464248

Lab ID	Alpha ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Sample Level Comments	Sample Specific QC	Container Count
	L2464256-01	SMP-MW-11S_110424	11-04-24 14:39	WATER	Dissolved Gasses			2
	L2464256-02	SMP-MW-19_110424	11-04-24 13:07	WATER	Dissolved Gasses			2
	L2464256-03	SMP-MW-20_110424	11-04-24 11:10	WATER	Dissolved Gasses			2
	L2464256-04	SMP-MW-17_110424	11-04-24 16:11	WATER	Dissolved Gasses			2
	L2464256-05	SMP-MW-10_110424	11-04-24 11:10	WATER	Dissolved Gasses			2
	L2464256-06	SMP-MW-18_110424	11-04-24 13:10	WATER	Dissolved Gasses			2
	L2464256-07	SMP-MW-16_110424	11-04-24 16:30	WATER	Dissolved Gasses			2
	L2464256-08	DUP01_110424	11-04-24 00:00	WATER	Dissolved Gasses			2
	L2464256-09	GWFB01_110424	11-04-24 17:07	WATER	Dissolved Gasses			2

total 16

Sample Receipt Checklist

COC Seal Present/Intact:	Y N	If Applicable	
COC Signed/Accurate:	Y N	VOA Zero Headspace:	Y N
Bottles arrive intact:	Y N	Pres. Correct/Check:	Y N
Correct bottles used:	Y N		
Sufficient volume sent:	Y N		
RA Screen <0.5 mR/hr:	Y N		

7797 5258 4771

Relinquished By:	Date/Time:	Received By:	Date/Time:
	11/6/24		11-06-24 1400

Form No: AL_subcoc

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

Technical Memorandum

1 University Square Drive Princeton, NJ 08540 T: 609.282.8000
Mailing Address: 1 University Square Drive Princeton, NJ 08540

To: BJ Parekh, Langan Associate

From: Krzysztof Trafalski, Langan Senior Staff Chemist

Date: February 18, 2026

Re: Data Usability Summary Report
For Standard Motor Products, Inc.
2024 Quarterly Soil Vapor Samples
Langan Project No.: 170861201

This memorandum presents the findings of an analytical data validation from the analysis of air samples collected in February, April, May, August, and November 2024 by Langan Engineering and Environmental Services at the Standard Motor Products, Inc. site. The samples were analyzed by Pace Analytical Services - Mansfield, MA (NYSDOH NELAP registration # 11627) for volatile organic compounds (VOCs) by the method specified below.

- VOCs by USEPA Method TO-15

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, level of data validation, and analytical parameters subject to review.

Validation Overview

This data validation was performed in accordance with the following guidelines, where applicable:

- USEPA Region II Standard Operating Procedure (SOP) #HW-31, "Analysis of Volatile Organic Compounds in Air Contained in Canisters by Method TO-15" (September 2016, Revision 6),
- USEPA Contract Laboratory Program "National Functional Guidelines for Organic Superfund Methods Data Review" (EPA 540- R-20-005, November 2020), and
- published analytical methodologies.

Validation includes review of the analytical data to verify that data are easily traceable and sufficiently complete to permit logical reconstruction by a qualified individual other than the originator.

The following acronyms may be used in the discussion of data-quality issues:

%D	Percent Difference	MB	Method Blank

CCV	Continuing Calibration Verification	MDL	Method Detection Limit
FB	Field Blank	MS	Matrix Spike
FD	Field Duplicate	MSD	Matrix Spike Duplicate
ICAL	Initial Calibration	RF	Response Factor
ICV	Initial Calibration Verification	RL	Reporting Limit
ISTD	Internal Standard	RPD	Relative Percent Difference
LCL	Lower Control Limit	RSD	Relative Standard Deviation
LCS	Laboratory Control Sample	TB	Trip Blank
LCSD	Laboratory Control Sample Duplicate	UCL	Upper Control Limit

Tier 1 data validation is based on completeness and compliance checks of sample-related QC results including: sample receipt documentation; analytical holding times; sample preservation; blank results (method, field, and trip); surrogate recoveries; MS/MSD recoveries and RPDs values; field duplicate RPDs, laboratory duplicate RPDs, and LCS/LCSD recoveries and RPDs. Five (5) Sample Delivery Groups (SDGs) underwent Tier 1 validation review.

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA guidelines and our best professional judgment:

- **R –** The sample results are unusable. The results are rejected because of serious deficiencies in meeting quality control criteria in accordance with the applicable validation guidelines. The analyte may or may not be present in the sample.
- **J –** The analyte was positively identified above the quantitation limit, and the associated numerical value is the approximate concentration of the analyte in the sample.
- **UJ –** The analyte was not detected at or above the quantitation limit. The reported quantitation limit may be imprecise because of potential low or indeterminate bias.
- **U –** The analyte was not detected at or above the quantitation limit, or the analyte detection is impacted by blank contamination and qualified as non-detect in accordance with the applicable validation guidelines.

If any validation qualifiers are assigned, these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified because of this data validation is considered acceptable based on the items specified for review. Data that is qualified as “R” are considered invalid and are not technically usable for data interpretation. Data that is otherwise qualified because of minor data-quality anomalies are usable, as qualified in Table 2 (attached).

MAJOR DEFICIENCIES:

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified.

MINOR DEFICIENCIES:

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. The section below describes the minor deficiencies that were identified.

VOCs by USEPA Method TO-15

L2408841

The sample SMP-SG-1 exhibited a laboratory-measured receipt pressure above -2 in. Hg (0 in. Hg). The associated results are qualified as J or UJ because of potential indeterminate bias.

The sample SMP-SG-3 exhibited a laboratory-measured receipt pressure above -2 in. Hg (0 in. Hg). The associated results are qualified as J or UJ because of potential indeterminate bias.

The sample SMP-SG-4 exhibited a laboratory-measured receipt pressure above -2 in. Hg (0 in. Hg). The associated results are qualified as J or UJ because of potential indeterminate bias.

L2418319

The sample SG-6 exhibited a laboratory-measured receipt pressure above -2 in. Hg (-1.1 in. Hg). The associated results are qualified as J or UJ because of potential indeterminate bias.

OTHER DEFICIENCIES:

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. The section below describes the other deficiencies that were identified.

VOCs by USEPA Method TO15

L2418319

The LCS for batch WG1909891 exhibited a percent recovery above the UCL for vinyl bromide (142%). The associated results are non-detect. No qualification is necessary.

FIELD DUPLICATES:

Four (4) field duplicate and parent sample pairs were collected and analyzed for all parameters. For results less than 5X the RL, analytes meet the precision criteria if the absolute difference is less than ±X the RL. For results greater than 5X the RL, analytes meet the precision criteria if the RPD is less than or equal to 25% for air. The following field duplicate and parent sample pairs were compared to the precision criteria:

- SMP-SG-DUP and SMP-SG-1
- DUP and SG-1
- SMP-SG-DUP and SMP-SG-1
- SVDUP01_110524 and SMP_SG-6_110524

The field duplicate and parent sample (SMP-SG-DUP and SMP-SG-1) exhibited absolute differences above the RL for acetone (6.63 ug/m3), tert-butyl alcohol (1.54 ug/m3), and trichloroethene (1.38 ug/m3). The associated results not previously qualified are qualified as J because of potential indeterminate bias.

The field duplicate and parent sample (DUP and SG-1) exhibited RPDs above the control limit for acetone (75%) and toluene (81.3%). The associated results are qualified as J because of potential indeterminate bias.

The field duplicate and parent sample (DUP and SG-1) exhibited absolute differences above the RL for 1,2,4-trimethylbenzene (1.657 ug/m3), 1,3-dichlorobenzene (1.55 ug/m3), 2-butanone (1.57 ug/m3), benzene (1.651 ug/m3), heptane (0.89 ug/m3), methylene chloride (7.29 ug/m3), o-xylene (1.221 ug/m3), and p/m-xylene (3.55 ug/m3). The associated results are qualified as J or UJ because of potential indeterminate bias.

The field duplicate and parent sample (SMP-SG-DUP and SMP-SG-1) exhibited an absolute difference above the RL for 1,1,1-trichloroethane (1.6 ug/m3). The associated results are qualified as J because of potential indeterminate bias.

The field duplicate and parent sample (SVDUP01_110524 and SMP_SG-6_110524) exhibited an absolute difference above the RL for 1,2,4-trimethylbenzene (1.057 ug/m3). The associated results are qualified as J or UJ because of potential indeterminate bias.

CONCLUSION:

Based on this evaluation, the laboratory appears to have followed the specified analytical methods except for errors discussed above. If a given fraction is not mentioned above, that means that all specified criteria were met for that parameter. All the data packages met ASP Category B requirements.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

Signed:

Krzysztof Trafalski
Senior Staff Chemist

ANALYTICAL REPORT

Lab Number:	L2408841
Client:	GZA GeoEnvironmental, Inc. 55 Lane Road Suite 407 Fairfield, NJ 07004
ATTN:	Bhuvnesh Parekh
Phone:	(973) 774-3300
Project Name:	STANDARD MOTOR PRODUCTS
Project Number:	12.0076761.20
Report Date:	03/06/24

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-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (99110) , NJ (MA015), NY (11627), NC (685), OH (CL106), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708), 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: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20

Lab Number: L2408841
Report Date: 03/06/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2408841-01	SMP-SG-1	SOIL_VAPOR	37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY	02/16/24 12:46	02/16/24
L2408841-02	SMP-SG-2	SOIL_VAPOR	37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY	02/16/24 13:13	02/16/24
L2408841-03	SMP-SG-3	SOIL_VAPOR	37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY	02/16/24 13:31	02/16/24
L2408841-04	SMP-SG-4	SOIL_VAPOR	37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY	02/16/24 13:45	02/16/24
L2408841-05	SMP-SG-5	SOIL_VAPOR	37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY	02/16/24 14:01	02/16/24
L2408841-06	SMP-SG-6	SOIL_VAPOR	37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY	02/16/24 14:50	02/16/24
L2408841-07	SMP-SG-7	SOIL_VAPOR	37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY	02/16/24 14:16	02/16/24
L2408841-08	SMP-SG-8	SOIL_VAPOR	37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY	02/16/24 14:35	02/16/24
L2408841-09	SMP-SG-DUP	SOIL_VAPOR	37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY	02/16/24 14:53	02/16/24

Project Name:	STANDARD MOTOR PRODUCTS	**Lab Number:**	L2408841
Project Number:	12.0076761.20	**Report Date:**	03/06/24

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:	STANDARD MOTOR PRODUCTS	**Lab Number:**	L2408841
Project Number:	12.0076761.20	**Report Date:**	03/06/24

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on February 15, 2024. The canister certification data is provided as an addendum.

L2408841-08D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

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: Christopher J. Anderson

Title: Technical Director/Representative Date: 03/06/24

AIR

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408841
Report Date: 03/06/24

SAMPLE RESULTS

Lab ID: L2408841-01
Client ID: SMP-SG-1
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY
Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 03/04/24 18:19
Analyst: JMB

Date Collected: 02/16/24 12:46
Date Received: 02/16/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.536	0.200	--	2.65	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	2.64	1.00	--	6.27	2.38	--		1
Trichlorofluoromethane	0.276	0.200	--	1.55	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

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408841
Report Date: 03/06/24

SAMPLE RESULTS

Lab ID: L2408841-01
Client ID: SMP-SG-1
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY
Sample Depth:

Date Collected: 02/16/24 12:46
Date Received: 02/16/24
Field Prep: Not Specified

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	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
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	0.302	0.200	--	1.62	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

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408841
Report Date: 03/06/24

SAMPLE RESULTS

Lab ID: L2408841-01
Client ID: SMP-SG-1
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY
Sample Depth:

Date Collected: 02/16/24 12:46
Date Received: 02/16/24
Field Prep: Not Specified

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	0.400	--	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
1,2,4-Trimethylbenzene	0.268	0.200	--	1.32	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
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	96		60-140

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408841
Report Date: 03/06/24

SAMPLE RESULTS

Lab ID: L2408841-02
Client ID: SMP-SG-2
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY
Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 03/04/24 19:03
Analyst: JMB

Date Collected: 02/16/24 13:13
Date Received: 02/16/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.517	0.200	--	2.56	0.989	--		1
Chloromethane	0.358	0.200	--	0.739	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	5.57	1.00	--	13.2	2.38	--		1
Trichlorofluoromethane	0.260	0.200	--	1.46	1.12	--		1
Isopropanol	0.897	0.500	--	2.20	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	1.79	0.500	--	5.43	1.52	--		1
Methylene chloride	0.600	0.500	--	2.08	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	0.984	0.500	--	2.90	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408841
Report Date: 03/06/24

SAMPLE RESULTS

Lab ID: L2408841-02
Client ID: SMP-SG-2
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY
Sample Depth:

Date Collected: 02/16/24 13:13
Date Received: 02/16/24
Field Prep: Not Specified

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	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.228	0.200	--	0.804	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.211	0.200	--	0.674	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	0.554	0.200	--	2.59	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	0.504	0.200	--	1.90	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

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408841
Report Date: 03/06/24

SAMPLE RESULTS

Lab ID: L2408841-02
Client ID: SMP-SG-2
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY
Sample Depth:

Date Collected: 02/16/24 13:13
Date Received: 02/16/24
Field Prep: Not Specified

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	0.400	--	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
1,2,4-Trimethylbenzene	0.365	0.200	--	1.79	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	0.246	0.200	--	1.48	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
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	96		60-140

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408841
Report Date: 03/06/24

SAMPLE RESULTS

Lab ID: L2408841-03
Client ID: SMP-SG-3
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY
Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 03/04/24 20:29
Analyst: JMB

Date Collected: 02/16/24 13:31
Date Received: 02/16/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.531	0.200	--	2.63	0.989	--		1
Chloromethane	0.352	0.200	--	0.727	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	5.82	1.00	--	13.8	2.38	--		1
Trichlorofluoromethane	0.256	0.200	--	1.44	1.12	--		1
Isopropanol	2.18	0.500	--	5.36	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	0.539	0.500	--	1.63	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	1.76	0.200	--	7.12	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	0.634	0.200	--	2.51	0.793	--		1

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408841
Report Date: 03/06/24

SAMPLE RESULTS

Lab ID: L2408841-03
Client ID: SMP-SG-3
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY
Sample Depth:

Date Collected: 02/16/24 13:31
Date Received: 02/16/24
Field Prep: Not Specified

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	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	0.622	0.500	--	1.83	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	1.25	0.200	--	6.82	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	7.44	0.200	--	40.0	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	0.688	0.200	--	2.59	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

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408841
Report Date: 03/06/24

SAMPLE RESULTS

Lab ID: L2408841-03
Client ID: SMP-SG-3
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY
Sample Depth:

Date Collected: 02/16/24 13:31
Date Received: 02/16/24
Field Prep: Not Specified

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	0.400	--	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
1,2,4-Trimethylbenzene	0.299	0.200	--	1.47	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
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	96		60-140

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408841
Report Date: 03/06/24

SAMPLE RESULTS

Lab ID: L2408841-04
Client ID: SMP-SG-4
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY
Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 03/04/24 21:10
Analyst: JMB

Date Collected: 02/16/24 13:45
Date Received: 02/16/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.509	0.200	--	2.52	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	0.310	0.200	--	0.792	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	5.45	0.200	--	14.4	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	3.91	1.00	--	9.29	2.38	--		1
Trichlorofluoromethane	1.18	0.200	--	6.63	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	1.16	0.200	--	8.89	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	35.8	0.200	--	145	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	9.70	0.200	--	38.5	0.793	--		1

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408841
Report Date: 03/06/24

SAMPLE RESULTS

Lab ID: L2408841-04
Client ID: SMP-SG-4
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY
Sample Depth:

Date Collected: 02/16/24 13:45
Date Received: 02/16/24
Field Prep: Not Specified

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	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
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	42.4	0.200	--	231	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	3.50	0.200	--	18.8	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	0.498	0.200	--	3.38	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408841
Report Date: 03/06/24

SAMPLE RESULTS

Lab ID: L2408841-04
Client ID: SMP-SG-4
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY
Sample Depth:

Date Collected: 02/16/24 13:45
Date Received: 02/16/24
Field Prep: Not Specified

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	0.400	--	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
1,2,4-Trimethylbenzene	0.221	0.200	--	1.09	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
Naphthalene	0.298	0.200	--	1.56	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	96		60-140

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408841
Report Date: 03/06/24

SAMPLE RESULTS

Lab ID: L2408841-07
Client ID: SMP-SG-7
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY
Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 03/05/24 04:18
Analyst: JMB

Date Collected: 02/16/24 14:16
Date Received: 02/16/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.443	0.200	--	2.19	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	4.06	1.00	--	9.64	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	0.911	0.500	--	2.76	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	0.232	0.200	--	0.939	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	0.557	0.500	--	1.64	1.47	--		1
cis-1,2-Dichloroethene	0.230	0.200	--	0.912	0.793	--		1

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408841
Report Date: 03/06/24

SAMPLE RESULTS

Lab ID: L2408841-07
Client ID: SMP-SG-7
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY
Sample Depth:

Date Collected: 02/16/24 14:16
Date Received: 02/16/24
Field Prep: Not Specified

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	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	1.02	0.500	--	3.01	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	0.246	0.200	--	1.34	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	1.47	0.200	--	7.90	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	0.367	0.200	--	1.38	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

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408841
Report Date: 03/06/24

SAMPLE RESULTS

Lab ID: L2408841-07
Client ID: SMP-SG-7
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY
Sample Depth:

Date Collected: 02/16/24 14:16
Date Received: 02/16/24
Field Prep: Not Specified

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	0.400	--	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
1,2,4-Trimethylbenzene	0.369	0.200	--	1.81	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
Naphthalene	0.388	0.200	--	2.03	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

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

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408841
Report Date: 03/06/24

SAMPLE RESULTS

Lab ID: L2408841-08 D
Client ID: SMP-SG-8
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY
Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 03/06/24 08:44
Analyst: BJB

Date Collected: 02/16/24 14:35
Date Received: 02/16/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	2.41	--	ND	11.9	--		12.07
Chloromethane	ND	2.41	--	ND	4.98	--		12.07
Freon-114	ND	2.41	--	ND	16.8	--		12.07
Vinyl chloride	ND	2.41	--	ND	6.16	--		12.07
1,3-Butadiene	ND	2.41	--	ND	5.33	--		12.07
Bromomethane	ND	2.41	--	ND	9.36	--		12.07
Chloroethane	ND	2.41	--	ND	6.36	--		12.07
Ethanol	ND	60.3	--	ND	114	--		12.07
Vinyl bromide	ND	2.41	--	ND	10.5	--		12.07
Acetone	ND	12.1	--	ND	28.7	--		12.07
Trichlorofluoromethane	ND	2.41	--	ND	13.5	--		12.07
Isopropanol	ND	6.03	--	ND	14.8	--		12.07
1,1-Dichloroethene	2.72	2.41	--	10.8	9.56	--		12.07
Tertiary butyl Alcohol	ND	6.03	--	ND	18.3	--		12.07
Methylene chloride	ND	6.03	--	ND	20.9	--		12.07
3-Chloropropene	ND	2.41	--	ND	7.54	--		12.07
Carbon disulfide	ND	2.41	--	ND	7.51	--		12.07
Freon-113	ND	2.41	--	ND	18.5	--		12.07
trans-1,2-Dichloroethene	ND	2.41	--	ND	9.56	--		12.07
1,1-Dichloroethane	29.6	2.41	--	120	9.75	--		12.07
Methyl tert butyl ether	ND	2.41	--	ND	8.69	--		12.07
2-Butanone	ND	6.03	--	ND	17.8	--		12.07
cis-1,2-Dichloroethene	20.6	2.41	--	81.7	9.56	--		12.07

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408841
Report Date: 03/06/24

SAMPLE RESULTS

Lab ID: L2408841-08 D
Client ID: SMP-SG-8
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY
Sample Depth:

Date Collected: 02/16/24 14:35
Date Received: 02/16/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	6.03	--	ND	21.7	--		12.07
Chloroform	ND	2.41	--	ND	11.8	--		12.07
Tetrahydrofuran	ND	6.03	--	ND	17.8	--		12.07
1,2-Dichloroethane	ND	2.41	--	ND	9.75	--		12.07
n-Hexane	ND	2.41	--	ND	8.49	--		12.07
1,1,1-Trichloroethane	74.2	2.41	--	405	13.1	--		12.07
Benzene	ND	2.41	--	ND	7.70	--		12.07
Carbon tetrachloride	ND	2.41	--	ND	15.2	--		12.07
Cyclohexane	ND	2.41	--	ND	8.30	--		12.07
1,2-Dichloropropane	ND	2.41	--	ND	11.1	--		12.07
Bromodichloromethane	ND	2.41	--	ND	16.1	--		12.07
1,4-Dioxane	ND	2.41	--	ND	8.68	--		12.07
Trichloroethene	580	2.41	--	3120	13.0	--		12.07
2,2,4-Trimethylpentane	ND	2.41	--	ND	11.3	--		12.07
Heptane	ND	2.41	--	ND	9.88	--		12.07
cis-1,3-Dichloropropene	ND	2.41	--	ND	10.9	--		12.07
4-Methyl-2-pentanone	ND	6.03	--	ND	24.7	--		12.07
trans-1,3-Dichloropropene	ND	2.41	--	ND	10.9	--		12.07
1,1,2-Trichloroethane	ND	2.41	--	ND	13.1	--		12.07
Toluene	ND	2.41	--	ND	9.08	--		12.07
2-Hexanone	ND	2.41	--	ND	9.88	--		12.07
Dibromochloromethane	ND	2.41	--	ND	20.5	--		12.07
1,2-Dibromoethane	ND	2.41	--	ND	18.5	--		12.07
Tetrachloroethene	ND	2.41	--	ND	16.3	--		12.07
Chlorobenzene	ND	2.41	--	ND	11.1	--		12.07
Ethylbenzene	ND	2.41	--	ND	10.5	--		12.07

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408841
Report Date: 03/06/24

SAMPLE RESULTS

Lab ID: L2408841-08 D
Client ID: SMP-SG-8
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY
Sample Depth:

Date Collected: 02/16/24 14:35
Date Received: 02/16/24
Field Prep: Not Specified

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	4.82	--	ND	20.9	--		12.07
Bromoform	ND	2.41	--	ND	24.9	--		12.07
Styrene	ND	2.41	--	ND	10.3	--		12.07
1,1,2,2-Tetrachloroethane	ND	2.41	--	ND	16.5	--		12.07
o-Xylene	ND	2.41	--	ND	10.5	--		12.07
4-Ethyltoluene	ND	2.41	--	ND	11.8	--		12.07
1,3,5-Trimethylbenzene	ND	2.41	--	ND	11.8	--		12.07
1,2,4-Trimethylbenzene	ND	2.41	--	ND	11.8	--		12.07
Benzyl chloride	ND	2.41	--	ND	12.5	--		12.07
1,3-Dichlorobenzene	ND	2.41	--	ND	14.5	--		12.07
1,4-Dichlorobenzene	ND	2.41	--	ND	14.5	--		12.07
1,2-Dichlorobenzene	ND	2.41	--	ND	14.5	--		12.07
1,2,4-Trichlorobenzene	ND	2.41	--	ND	17.9	--		12.07
Naphthalene	ND	2.41	--	ND	12.6	--		12.07
Hexachlorobutadiene	ND	2.41	--	ND	25.7	--		12.07

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	112		60-140
chlorobenzene-d5	114		60-140

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408841
Report Date: 03/06/24

SAMPLE RESULTS

Lab ID: L2408841-09
Client ID: SMP-SG-DUP
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY
Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 03/06/24 07:55
Analyst: BJB

Date Collected: 02/16/24 14:53
Date Received: 02/16/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.425	0.200	--	2.10	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	5.42	1.00	--	12.9	2.38	--		1
Trichlorofluoromethane	0.208	0.200	--	1.17	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	1.01	0.500	--	3.06	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

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408841
Report Date: 03/06/24

SAMPLE RESULTS

Lab ID: L2408841-09
Client ID: SMP-SG-DUP
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY
Sample Depth:

Date Collected: 02/16/24 14:53
Date Received: 02/16/24
Field Prep: Not Specified

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	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
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	0.559	0.200	--	3.00	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

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408841
Report Date: 03/06/24

SAMPLE RESULTS

Lab ID: L2408841-09
Client ID: SMP-SG-DUP
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY
Sample Depth:

Date Collected: 02/16/24 14:53
Date Received: 02/16/24
Field Prep: Not Specified

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	0.400	--	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
1,2,4-Trimethylbenzene	0.215	0.200	--	1.06	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	0.326	0.200	--	1.96	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
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	104		60-140
chlorobenzene-d5	105		60-140

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408841
Report Date: 03/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 03/04/24 14:26

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): 01-04 Batch: WG1892021-4								
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: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408841
Report Date: 03/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 03/04/24 14:26

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): 01-04 Batch: WG1892021-4								
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: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408841
Report Date: 03/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 03/04/24 14:26

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): 01-04 Batch: WG1892021-4								
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
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408841
Report Date: 03/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 03/04/24 14:53

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): 07 Batch: WG1892426-4								
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: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408841
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Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 03/04/24 14:53

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): 07 Batch: WG1892426-4								
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: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408841
Report Date: 03/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 03/04/24 14:53

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): 07 Batch: WG1892426-4								
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
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408841
Report Date: 03/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 03/05/24 18:32

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): 08-09 Batch: WG1892506-4								
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: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408841
Report Date: 03/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 03/05/24 18:32

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): 08-09 Batch: WG1892506-4								
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: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20
Lab Number: L2408841
Report Date: 03/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 03/05/24 18:32

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): 08-09 Batch: WG1892506-4								
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
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: STANDARD MOTOR PRODUCTS

Project Number: 12.0076761.20

Lab Number: L2408841

Report Date: 03/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG1892021-3								
Dichlorodifluoromethane	93		-		70-130	-		
Chloromethane	90		-		70-130	-		
Freon-114	100		-		70-130	-		
Vinyl chloride	92		-		70-130	-		
1,3-Butadiene	94		-		70-130	-		
Bromomethane	93		-		70-130	-		
Chloroethane	100		-		70-130	-		
Ethanol	87		-		40-160	-		
Vinyl bromide	112		-		70-130	-		
Acetone	122		-		40-160	-		
Trichlorofluoromethane	106		-		70-130	-		
Isopropanol	100		-		40-160	-		
1,1-Dichloroethene	116		-		70-130	-		
Tertiary butyl Alcohol	98		-		70-130	-		
Methylene chloride	95		-		70-130	-		
3-Chloropropene	122		-		70-130	-		
Carbon disulfide	100		-		70-130	-		
Freon-113	111		-		70-130	-		
trans-1,2-Dichloroethene	116		-		70-130	-		
1,1-Dichloroethane	112		-		70-130	-		
Methyl tert butyl ether	100		-		70-130	-		
2-Butanone	111		-		70-130	-		
cis-1,2-Dichloroethene	112		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: STANDARD MOTOR PRODUCTS

Project Number: 12.0076761.20

Lab Number: L2408841

Report Date: 03/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG1892021-3								
Ethyl Acetate	121		-		70-130	-		
Chloroform	95		-		70-130	-		
Tetrahydrofuran	108		-		70-130	-		
1,2-Dichloroethane	112		-		70-130	-		
n-Hexane	114		-		70-130	-		
1,1,1-Trichloroethane	108		-		70-130	-		
Benzene	90		-		70-130	-		
Carbon tetrachloride	97		-		70-130	-		
Cyclohexane	110		-		70-130	-		
1,2-Dichloropropane	108		-		70-130	-		
Bromodichloromethane	106		-		70-130	-		
1,4-Dioxane	103		-		70-130	-		
Trichloroethene	98		-		70-130	-		
2,2,4-Trimethylpentane	117		-		70-130	-		
Heptane	114		-		70-130	-		
cis-1,3-Dichloropropene	94		-		70-130	-		
4-Methyl-2-pentanone	112		-		70-130	-		
trans-1,3-Dichloropropene	90		-		70-130	-		
1,1,2-Trichloroethane	106		-		70-130	-		
Toluene	100		-		70-130	-		
2-Hexanone	107		-		70-130	-		
Dibromochloromethane	117		-		70-130	-		
1,2-Dibromoethane	95		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: STANDARD MOTOR PRODUCTS

Project Number: 12.0076761.20

Lab Number: L2408841

Report Date: 03/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG1892021-3								
Tetrachloroethene	89		-		70-130	-		
Chlorobenzene	90		-		70-130	-		
Ethylbenzene	99		-		70-130	-		
p/m-Xylene	104		-		70-130	-		
Bromoform	115		-		70-130	-		
Styrene	94		-		70-130	-		
1,1,2,2-Tetrachloroethane	94		-		70-130	-		
o-Xylene	107		-		70-130	-		
4-Ethyltoluene	107		-		70-130	-		
1,3,5-Trimethylbenzene	106		-		70-130	-		
1,2,4-Trimethylbenzene	105		-		70-130	-		
Benzyl chloride	104		-		70-130	-		
1,3-Dichlorobenzene	97		-		70-130	-		
1,4-Dichlorobenzene	99		-		70-130	-		
1,2-Dichlorobenzene	97		-		70-130	-		
1,2,4-Trichlorobenzene	86		-		70-130	-		
Naphthalene	104		-		70-130	-		
Hexachlorobutadiene	93		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: STANDARD MOTOR PRODUCTS

Project Number: 12.0076761.20

Lab Number: L2408841

Report Date: 03/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 07 Batch: WG1892426-3								
Dichlorodifluoromethane	94		-		70-130	-		
Chloromethane	91		-		70-130	-		
Freon-114	104		-		70-130	-		
Vinyl chloride	96		-		70-130	-		
1,3-Butadiene	96		-		70-130	-		
Bromomethane	100		-		70-130	-		
Chloroethane	100		-		70-130	-		
Ethanol	106		-		40-160	-		
Vinyl bromide	93		-		70-130	-		
Acetone	95		-		40-160	-		
Trichlorofluoromethane	99		-		70-130	-		
Isopropanol	85		-		40-160	-		
1,1-Dichloroethene	102		-		70-130	-		
Tertiary butyl Alcohol	103		-		70-130	-		
Methylene chloride	100		-		70-130	-		
3-Chloropropene	103		-		70-130	-		
Carbon disulfide	92		-		70-130	-		
Freon-113	100		-		70-130	-		
trans-1,2-Dichloroethene	95		-		70-130	-		
1,1-Dichloroethane	99		-		70-130	-		
Methyl tert butyl ether	93		-		70-130	-		
2-Butanone	99		-		70-130	-		
cis-1,2-Dichloroethene	101		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: STANDARD MOTOR PRODUCTS

Project Number: 12.0076761.20

Lab Number: L2408841

Report Date: 03/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 07 Batch: WG1892426-3								
Ethyl Acetate	100		-		70-130	-		
Chloroform	97		-		70-130	-		
Tetrahydrofuran	96		-		70-130	-		
1,2-Dichloroethane	94		-		70-130	-		
n-Hexane	96		-		70-130	-		
1,1,1-Trichloroethane	97		-		70-130	-		
Benzene	94		-		70-130	-		
Carbon tetrachloride	96		-		70-130	-		
Cyclohexane	97		-		70-130	-		
1,2-Dichloropropane	100		-		70-130	-		
Bromodichloromethane	100		-		70-130	-		
1,4-Dioxane	95		-		70-130	-		
Trichloroethene	99		-		70-130	-		
2,2,4-Trimethylpentane	97		-		70-130	-		
Heptane	99		-		70-130	-		
cis-1,3-Dichloropropene	101		-		70-130	-		
4-Methyl-2-pentanone	106		-		70-130	-		
trans-1,3-Dichloropropene	101		-		70-130	-		
1,1,2-Trichloroethane	101		-		70-130	-		
Toluene	97		-		70-130	-		
2-Hexanone	108		-		70-130	-		
Dibromochloromethane	106		-		70-130	-		
1,2-Dibromoethane	99		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: STANDARD MOTOR PRODUCTS

Project Number: 12.0076761.20

Lab Number: L2408841

Report Date: 03/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 07 Batch: WG1892426-3								
Tetrachloroethene	95		-		70-130	-		
Chlorobenzene	97		-		70-130	-		
Ethylbenzene	98		-		70-130	-		
p/m-Xylene	100		-		70-130	-		
Bromoform	106		-		70-130	-		
Styrene	98		-		70-130	-		
1,1,2,2-Tetrachloroethane	100		-		70-130	-		
o-Xylene	100		-		70-130	-		
4-Ethyltoluene	96		-		70-130	-		
1,3,5-Trimethylbenzene	96		-		70-130	-		
1,2,4-Trimethylbenzene	97		-		70-130	-		
Benzyl chloride	90		-		70-130	-		
1,3-Dichlorobenzene	98		-		70-130	-		
1,4-Dichlorobenzene	98		-		70-130	-		
1,2-Dichlorobenzene	94		-		70-130	-		
1,2,4-Trichlorobenzene	80		-		70-130	-		
Naphthalene	75		-		70-130	-		
Hexachlorobutadiene	70		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: STANDARD MOTOR PRODUCTS

Project Number: 12.0076761.20

Lab Number: L2408841

Report Date: 03/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 08-09 Batch: WG1892506-3								
Dichlorodifluoromethane	90		-		70-130	-		
Chloromethane	89		-		70-130	-		
Freon-114	101		-		70-130	-		
Vinyl chloride	86		-		70-130	-		
1,3-Butadiene	91		-		70-130	-		
Bromomethane	100		-		70-130	-		
Chloroethane	113		-		70-130	-		
Ethanol	95		-		40-160	-		
Vinyl bromide	107		-		70-130	-		
Acetone	106		-		40-160	-		
Trichlorofluoromethane	98		-		70-130	-		
Isopropanol	101		-		40-160	-		
1,1-Dichloroethene	104		-		70-130	-		
Tertiary butyl Alcohol	98		-		70-130	-		
Methylene chloride	95		-		70-130	-		
3-Chloropropene	117		-		70-130	-		
Carbon disulfide	98		-		70-130	-		
Freon-113	109		-		70-130	-		
trans-1,2-Dichloroethene	99		-		70-130	-		
1,1-Dichloroethane	109		-		70-130	-		
Methyl tert butyl ether	109		-		70-130	-		
2-Butanone	104		-		70-130	-		
cis-1,2-Dichloroethene	104		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: STANDARD MOTOR PRODUCTS

Project Number: 12.0076761.20

Lab Number: L2408841

Report Date: 03/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 08-09 Batch: WG1892506-3								
Ethyl Acetate	110		-		70-130	-		
Chloroform	94		-		70-130	-		
Tetrahydrofuran	106		-		70-130	-		
1,2-Dichloroethane	91		-		70-130	-		
n-Hexane	83		-		70-130	-		
1,1,1-Trichloroethane	73		-		70-130	-		
Benzene	84		-		70-130	-		
Carbon tetrachloride	84		-		70-130	-		
Cyclohexane	82		-		70-130	-		
1,2-Dichloropropane	94		-		70-130	-		
Bromodichloromethane	80		-		70-130	-		
1,4-Dioxane	84		-		70-130	-		
Trichloroethene	83		-		70-130	-		
2,2,4-Trimethylpentane	82		-		70-130	-		
Heptane	91		-		70-130	-		
cis-1,3-Dichloropropene	93		-		70-130	-		
4-Methyl-2-pentanone	90		-		70-130	-		
trans-1,3-Dichloropropene	93		-		70-130	-		
1,1,2-Trichloroethane	89		-		70-130	-		
Toluene	100		-		70-130	-		
2-Hexanone	113		-		70-130	-		
Dibromochloromethane	106		-		70-130	-		
1,2-Dibromoethane	115		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: STANDARD MOTOR PRODUCTS

Project Number: 12.0076761.20

Lab Number: L2408841

Report Date: 03/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 08-09 Batch: WG1892506-3								
Tetrachloroethene	109		-		70-130	-		
Chlorobenzene	114		-		70-130	-		
Ethylbenzene	105		-		70-130	-		
p/m-Xylene	106		-		70-130	-		
Bromoform	115		-		70-130	-		
Styrene	125		-		70-130	-		
1,1,2,2-Tetrachloroethane	104		-		70-130	-		
o-Xylene	107		-		70-130	-		
4-Ethyltoluene	120		-		70-130	-		
1,3,5-Trimethylbenzene	128		-		70-130	-		
1,2,4-Trimethylbenzene	126		-		70-130	-		
Benzyl chloride	113		-		70-130	-		
1,3-Dichlorobenzene	124		-		70-130	-		
1,4-Dichlorobenzene	125		-		70-130	-		
1,2-Dichlorobenzene	117		-		70-130	-		
1,2,4-Trichlorobenzene	129		-		70-130	-		
Naphthalene	117		-		70-130	-		
Hexachlorobutadiene	126		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20

Lab Number: L2408841
Report Date: 03/06/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1892021-5 QC Sample: L2408841-02 Client ID: SMP-SG-2						
Dichlorodifluoromethane	0.517	0.510	ppbV	1		25
Chloromethane	0.358	0.345	ppbV	4		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	ND	ND	ppbV	NC		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	5.57	5.60	ppbV	1		25
Trichlorofluoromethane	0.260	0.257	ppbV	1		25
Isopropanol	0.897	0.915	ppbV	2		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Tertiary butyl Alcohol	1.79	1.82	ppbV	2		25
Methylene chloride	0.600	0.601	ppbV	0		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

Lab Duplicate Analysis
Batch Quality Control

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20

Lab Number: L2408841
Report Date: 03/06/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1892021-5 QC Sample: L2408841-02 Client ID: SMP-SG-2						
2-Butanone	0.984	1.00	ppbV	2		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
Ethyl Acetate	ND	ND	ppbV	NC		25
Chloroform	ND	ND	ppbV	NC		25
Tetrahydrofuran	ND	ND	ppbV	NC		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	0.228	0.225	ppbV	1		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Benzene	0.211	0.211	ppbV	0		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	0.554	0.555	ppbV	0		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: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20

Lab Number: L2408841
Report Date: 03/06/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1892021-5 QC Sample: L2408841-02 Client ID: SMP-SG-2						
Toluene	0.504	0.507	ppbV	1		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	ND	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	0.365	0.369	ppbV	1		25
Benzyl chloride	ND	ND	ppbV	NC		25
1,3-Dichlorobenzene	0.246	0.249	ppbV	1		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
Naphthalene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20

Lab Number: L2408841
Report Date: 03/06/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1892021-5 QC Sample: L2408841-02 Client ID: SMP-SG-2						
Hexachlorobutadiene	ND	ND	ppbV	NC		25

Project Name: STANDARD MOTOR PRODUCTS **Lab Number:** L2408841

Project Number: 12.0076761.20 **Report Date:** 03/06/24

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
L2408841-01	SMP-SG-1	0320	Flow 1	02/15/24	454513		-	-	-	Pass	40.0	72	57
L2408841-01	SMP-SG-1	2648	6.0L Can	02/15/24	454513	L2407653-04	Pass	-29.7	0.0	-	-	-	-
L2408841-02	SMP-SG-2	01161	Flow 2	02/15/24	454513		-	-	-	Pass	40.2	46	13
L2408841-02	SMP-SG-2	970	6.0L Can	02/15/24	454513	L2407653-04	Pass	-29.7	-3.2	-	-	-	-
L2408841-03	SMP-SG-3	0257	Flow 2	02/15/24	454513		-	-	-	Pass	40.0	47	16
L2408841-03	SMP-SG-3	2845	6.0L Can	02/15/24	454513	L2407653-03	Pass	-29.7	0.0	-	-	-	-
L2408841-04	SMP-SG-4	01544	Flow 2	02/15/24	454513		-	-	-	Pass	40.9	55	29
L2408841-04	SMP-SG-4	2976	6.0L Can	02/15/24	454513	L2407653-04	Pass	-29.7	0.0	-	-	-	-
L2408841-05	SMP-SG-5	01136	Flow 2	02/15/24	454513		-	-	-	Pass	40.0	45	12
L2408841-05	SMP-SG-5	3339	6.0L Can	02/15/24	454513	L2407653-04	Pass	-29.7	-28.5	-	-	-	-
L2408841-06	SMP-SG-6	01032	Flow 2	02/15/24	454513		-	-	-	Pass	40.2	45	11
L2408841-06	SMP-SG-6	3572	6.0L Can	02/15/24	454513	L2407653-04	Pass	-29.7	-17.7	-	-	-	-
L2408841-07	SMP-SG-7	01112	Flow 2	02/15/24	454513		-	-	-	Pass	40.0	43	7
L2408841-07	SMP-SG-7	622	6.0L Can	02/15/24	454513	L2407653-04	Pass	-29.7	-4.5	-	-	-	-
L2408841-08	SMP-SG-8	01132	Flow 2	02/15/24	454513		-	-	-	Pass	39.9	44	10

Project Name: STANDARD MOTOR PRODUCTS

Lab Number: L2408841

Project Number: 12.0076761.20

Report Date: 03/06/24

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
L2408841-08	SMP-SG-8	2925	6.0L Can	02/15/24	454513	L2407653-04	Pass	-29.7	-4.2	-	-	-	-
L2408841-09	SMP-SG-DUP	02128	Flow 2	02/15/24	454513		-	-	-	Pass	40.4	46	13
L2408841-09	SMP-SG-DUP	3609	6.0L Can	02/15/24	454513	L2407653-04	Pass	-29.7	-3.2	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2407653
Report Date: 03/06/24

Air Canister Certification Results

Lab ID: L2407653-03
Client ID: CAN 1777 SHELF 52
Sample Location:

Date Collected: 02/09/24 11:00
Date Received: 02/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/10/24 05:12
Analyst: KJD

	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: L2407653
Report Date: 03/06/24

Air Canister Certification Results

Lab ID: L2407653-03
Client ID: CAN 1777 SHELF 52
Sample Location:

Date Collected: 02/09/24 11:00
Date Received: 02/09/24
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: L2407653
Report Date: 03/06/24

Air Canister Certification Results

Lab ID: L2407653-03
Client ID: CAN 1777 SHELF 52
Sample Location:

Date Collected: 02/09/24 11:00
Date Received: 02/09/24
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: L2407653
Report Date: 03/06/24

Air Canister Certification Results

Lab ID: L2407653-03
Client ID: CAN 1777 SHELF 52
Sample Location:

Date Collected: 02/09/24 11:00
Date Received: 02/09/24
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: L2407653
Report Date: 03/06/24

Air Canister Certification Results

Lab ID: L2407653-03
Client ID: CAN 1777 SHELF 52
Sample Location:

Date Collected: 02/09/24 11:00
Date Received: 02/09/24
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								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	86		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	88		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2407653
Report Date: 03/06/24

Air Canister Certification Results

Lab ID: L2407653-03
Client ID: CAN 1777 SHELF 52
Sample Location:

Date Collected: 02/09/24 11:00
Date Received: 02/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/10/24 05:12
Analyst: KJD

	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: L2407653
Report Date: 03/06/24

Air Canister Certification Results

Lab ID: L2407653-03
Client ID: CAN 1777 SHELF 52
Sample Location:

Date Collected: 02/09/24 11:00
Date Received: 02/09/24
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 **Lab Number:** L2407653

Project Number: CANISTER QC BAT **Report Date:** 03/06/24

Air Canister Certification Results

Lab ID: L2407653-03
Client ID: CAN 1777 SHELF 52
Sample Location:

Date Collected: 02/09/24 11:00
Date Received: 02/09/24
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	92		60-140
chlorobenzene-d5	89		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2407653
Report Date: 03/06/24

Air Canister Certification Results

Lab ID: L2407653-04
Client ID: CAN 788 SHELF 53
Sample Location:

Date Collected: 02/09/24 11:00
Date Received: 02/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/10/24 05:51
Analyst: KJD

	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: L2407653
Report Date: 03/06/24

Air Canister Certification Results

Lab ID: L2407653-04
Client ID: CAN 788 SHELF 53
Sample Location:

Date Collected: 02/09/24 11:00
Date Received: 02/09/24
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: L2407653
Report Date: 03/06/24

Air Canister Certification Results

Lab ID: L2407653-04
Client ID: CAN 788 SHELF 53
Sample Location:

Date Collected: 02/09/24 11:00
Date Received: 02/09/24
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: L2407653
Report Date: 03/06/24

Air Canister Certification Results

Lab ID: L2407653-04
Client ID: CAN 788 SHELF 53
Sample Location:

Date Collected: 02/09/24 11:00
Date Received: 02/09/24
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: L2407653
Report Date: 03/06/24

Air Canister Certification Results

Lab ID: L2407653-04
Client ID: CAN 788 SHELF 53
Sample Location:

Date Collected: 02/09/24 11:00
Date Received: 02/09/24
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								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	85		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	88		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2407653
Report Date: 03/06/24

Air Canister Certification Results

Lab ID: L2407653-04
Client ID: CAN 788 SHELF 53
Sample Location:

Date Collected: 02/09/24 11:00
Date Received: 02/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/10/24 05:51
Analyst: KJD

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								
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: L2407653
Report Date: 03/06/24

Air Canister Certification Results

Lab ID: L2407653-04
Client ID: CAN 788 SHELF 53
Sample Location:

Date Collected: 02/09/24 11:00
Date Received: 02/09/24
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 **Lab Number:** L2407653

Project Number: CANISTER QC BAT **Report Date:** 03/06/24

Air Canister Certification Results

Lab ID: L2407653-04
Client ID: CAN 788 SHELF 53
Sample Location:

Date Collected: 02/09/24 11:00
Date Received: 02/09/24
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	92		60-140
chlorobenzene-d5	89		60-140

Project Name: STANDARD MOTOR PRODUCTS
Project Number: 12.0076761.20

Lab Number: L2408841
Report Date: 03/06/24

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(*)
L2408841-01A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2408841-02A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2408841-03A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2408841-04A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2408841-05A	Canister - 6 Liter	NA	NA			Y	Absent		CANCELLED()
L2408841-06A	Canister - 6 Liter	NA	NA			Y	Absent		CANCELLED()
L2408841-07A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2408841-08A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2408841-09A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	STANDARD MOTOR PRODUCTS	**Lab Number:**	L2408841
Project Number:	12.0076761.20	**Report Date:**	03/06/24

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:	STANDARD MOTOR PRODUCTS	**Lab Number:**	L2408841
Project Number:	12.0076761.20	**Report Date:**	03/06/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report

Project Name:	STANDARD MOTOR PRODUCTS	**Lab Number:**	L2408841
Project Number:	12.0076761.20	**Report Date:**	03/06/24

Data Qualifiers

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

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.

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 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 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 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 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).
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 1

CHAIN OF CUSTODY

ALPHA ANALYTICAL
320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 2/17/24

ALPHA Job #: L2408841

Client Information

Client: G-2A GeoEnvironmental
Address: 55 Lane Rd, ste 407
Fairfield, NJ 07004
Phone: 973-774-3975
Fax:
Email: BhuwneshParekh@g2a.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Standard Motor Products
Project Location: 37-18 Northern Blvd Long Island City, Queens, NY
Project #: 12.0076.20
Project Manager: Bhuwnesh Parekh
ALPHA Quote #: 7507

Turn-Around Time

X Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX
X EDEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
X EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments: Issues please email morgan.mcbride@g2a.com

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 LL	TO-15 SIM	APH Subset Non-petroleum HCs	Fixed Gases ☐	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
08841-01	SMP-SG-1	2/16/24	10:46	12:46	-29.93	-0.16	SV	PM	6L	2648	0320	X					
-02	SMP-SG-2		11:13	13:13	-30.14	-3.35		MN		970	01161	X					
-03	SMP-SG-3		11:31	13:31	-30.55	-0.21		MN		2845	02571	X					
-04	SMP-SG-4		11:45	13:45	-30.71	-0.63		PM		2976	01544	X					
-05	SMP-SG-5		12:01	14:01	-30.22	-29.59		MN		3939	01136	X					
-06	SMP-SG-6		12:50	14:50	-30.20	-29.55		MN		3572	01032	X					
-07	SMP-SG-7		12:16	14:16	-30.20	-5.28		MN		6220	112	X					
-08	SMP-SG-8		12:35	14:35	-30.12	-5.26		PM		2995	01132	X					
-09	SMP-SG-DUP		12:53	14:53	-29.92	-3.29		PM		3609	02128	X					

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: 6S

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:
Peter McDonald	2/16/24 1632	MSMA(NY)	2/16 1632
MSMA(NY)	2/16 2240	Anthony Green	FEB 16 2024 2249
Anthony Green	2/17 0110		2/17/24 0110
	2/17/24 0530		2/17/24 05:30

FORM NO. 101-02 Rev. (25-Sep-15)

ANALYTICAL REPORT

Lab Number:	L2418319
Client:	GZA GeoEnvironmental, Inc. 55 Lane Road Suite 407 Fairfield, NJ 07004
ATTN:	Morgan McBride
Phone:	(973) 774-3300
Project Name:	SMP
Project Number:	12.0076761.20
Report Date:	04/18/24

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-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (99110) , NJ (MA015), NY (11627), NC (685), OH (CL106), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708), USFWS (Permit #A24920).

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

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2418319
Report Date: 04/18/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2418319-01	SG-6	SOIL_VAPOR	37-18 NORTHERN BLVD, LIC, QNS, NY	04/03/24 12:56	04/04/24
L2418319-02	SG-5	SOIL_VAPOR	37-18 NORTHERN BLVD, LIC, QNS, NY	04/03/24 15:27	04/04/24

Project Name:	SMP	**Lab Number:**	L2418319
Project Number:	12.0076761.20	**Report Date:**	04/18/24

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:	SMP	**Lab Number:**	L2418319
Project Number:	12.0076761.20	**Report Date:**	04/18/24

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on April 1, 2024. The canister certification data is provided as an addendum.

L2418319-02D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

The WG1909891-3 LCS recovery for vinyl bromide (142%), associated with [TO15-LL], is above the upper 130% acceptance limit. All samples associated with this LCS do not have reportable amounts of this analyte.

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: Christopher J. Anderson

Title: Technical Director/Representative Date: 04/18/24

AIR

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2418319
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2418319-01
Client ID: SG-6
Sample Location: 37-18 NORTHERN BLVD, LIC, QNS, NY

Date Collected: 04/03/24 12:56
Date Received: 04/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/17/24 22:37
Analyst: JMB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.527	0.200	--	2.61	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	3.62	0.200	--	8.01	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	0.271	0.200	--	0.715	0.528	--		1
Ethanol	444	5.00	--	837	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	43.0	1.00	--	102	2.38	--		1
Trichlorofluoromethane	0.311	0.200	--	1.75	1.12	--		1
Isopropanol	2.08	0.500	--	5.11	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	1.00	0.200	--	3.11	0.623	--		1
Freon-113	0.362	0.200	--	2.77	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	5.14	0.200	--	20.8	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.62	0.500	--	4.78	1.47	--		1
cis-1,2-Dichloroethene	1.82	0.200	--	7.22	0.793	--		1

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2418319
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2418319-01
Client ID: SG-6
Sample Location: 37-18 NORTHERN BLVD, LIC, QNS, NY

Date Collected: 04/03/24 12:56
Date Received: 04/04/24
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	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	4.33	0.200	--	15.3	0.705	--		1
1,1,1-Trichloroethane	4.88	0.200	--	26.6	1.09	--		1
Benzene	16.6	0.200	--	53.0	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	2.31	0.200	--	7.95	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	13.1	0.200	--	70.4	1.07	--		1
2,2,4-Trimethylpentane	3.33	0.200	--	15.6	0.934	--		1
Heptane	2.14	0.200	--	8.77	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	23.6	0.200	--	88.9	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	5.05	0.200	--	21.9	0.869	--		1

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2418319
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2418319-01
Client ID: SG-6
Sample Location: 37-18 NORTHERN BLVD, LIC, QNS, NY

Date Collected: 04/03/24 12:56
Date Received: 04/04/24
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	18.6	0.400	--	80.8	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	1.42	0.200	--	6.05	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	7.50	0.200	--	32.6	0.869	--		1
4-Ethyltoluene	1.45	0.200	--	7.13	0.983	--		1
1,3,5-Trimethylbenzene	1.75	0.200	--	8.60	0.983	--		1
1,2,4-Trimethylbenzene	6.54	0.200	--	32.2	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
Naphthalene	1.35	0.200	--	7.08	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	103		60-140

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2418319
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2418319-02 D
Client ID: SG-5
Sample Location: 37-18 NORTHERN BLVD, LIC, QNS, NY

Date Collected: 04/03/24 15:27
Date Received: 04/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/18/24 05:17
Analyst: JMB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	14.4	--	ND	71.2	--		72.25
Chloromethane	ND	14.4	--	ND	29.7	--		72.25
Freon-114	ND	14.4	--	ND	101	--		72.25
Vinyl chloride	32.7	14.4	--	83.6	36.8	--		72.25
1,3-Butadiene	ND	14.4	--	ND	31.9	--		72.25
Bromomethane	ND	14.4	--	ND	55.9	--		72.25
Chloroethane	193	14.4	--	509	38.0	--		72.25
Ethanol	ND	361	--	ND	680	--		72.25
Vinyl bromide	ND	14.4	--	ND	63.0	--		72.25
Acetone	81.4	72.2	--	193	172	--		72.25
Trichlorofluoromethane	ND	14.4	--	ND	80.9	--		72.25
Isopropanol	ND	36.1	--	ND	88.7	--		72.25
1,1-Dichloroethene	ND	14.4	--	ND	57.1	--		72.25
Tertiary butyl Alcohol	ND	36.1	--	ND	109	--		72.25
Methylene chloride	ND	36.1	--	ND	125	--		72.25
3-Chloropropene	ND	14.4	--	ND	45.1	--		72.25
Carbon disulfide	ND	14.4	--	ND	44.8	--		72.25
Freon-113	ND	14.4	--	ND	110	--		72.25
trans-1,2-Dichloroethene	ND	14.4	--	ND	57.1	--		72.25
1,1-Dichloroethane	5490	14.4	--	22200	58.3	--		72.25
Methyl tert butyl ether	ND	14.4	--	ND	51.9	--		72.25
2-Butanone	ND	36.1	--	ND	106	--		72.25
cis-1,2-Dichloroethene	1410	14.4	--	5590	57.1	--		72.25

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2418319
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2418319-02 D
Client ID: SG-5
Sample Location: 37-18 NORTHERN BLVD, LIC, QNS, NY

Date Collected: 04/03/24 15:27
Date Received: 04/04/24
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								
Ethyl Acetate	ND	36.1	--	ND	130	--		72.25
Chloroform	ND	14.4	--	ND	70.3	--		72.25
Tetrahydrofuran	ND	36.1	--	ND	106	--		72.25
1,2-Dichloroethane	ND	14.4	--	ND	58.3	--		72.25
n-Hexane	ND	14.4	--	ND	50.8	--		72.25
1,1,1-Trichloroethane	3190	14.4	--	17400	78.6	--		72.25
Benzene	ND	14.4	--	ND	46.0	--		72.25
Carbon tetrachloride	ND	14.4	--	ND	90.6	--		72.25
Cyclohexane	ND	14.4	--	ND	49.6	--		72.25
1,2-Dichloropropane	ND	14.4	--	ND	66.6	--		72.25
Bromodichloromethane	ND	14.4	--	ND	96.5	--		72.25
1,4-Dioxane	ND	14.4	--	ND	51.9	--		72.25
Trichloroethene	95.7	14.4	--	514	77.4	--		72.25
2,2,4-Trimethylpentane	ND	14.4	--	ND	67.3	--		72.25
Heptane	ND	14.4	--	ND	59.0	--		72.25
cis-1,3-Dichloropropene	ND	14.4	--	ND	65.4	--		72.25
4-Methyl-2-pentanone	ND	36.1	--	ND	148	--		72.25
trans-1,3-Dichloropropene	ND	14.4	--	ND	65.4	--		72.25
1,1,2-Trichloroethane	ND	14.4	--	ND	78.6	--		72.25
Toluene	17.1	14.4	--	64.4	54.3	--		72.25
2-Hexanone	ND	14.4	--	ND	59.0	--		72.25
Dibromochloromethane	ND	14.4	--	ND	123	--		72.25
1,2-Dibromoethane	ND	14.4	--	ND	111	--		72.25
Tetrachloroethene	23.3	14.4	--	158	97.6	--		72.25
Chlorobenzene	ND	14.4	--	ND	66.3	--		72.25
Ethylbenzene	ND	14.4	--	ND	62.5	--		72.25

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2418319
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2418319-02 D
Client ID: SG-5
Sample Location: 37-18 NORTHERN BLVD, LIC, QNS, NY

Date Collected: 04/03/24 15:27
Date Received: 04/04/24
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	28.9	--	ND	126	--		72.25
Bromoform	ND	14.4	--	ND	149	--		72.25
Styrene	ND	14.4	--	ND	61.3	--		72.25
1,1,2,2-Tetrachloroethane	ND	14.4	--	ND	98.9	--		72.25
o-Xylene	ND	14.4	--	ND	62.5	--		72.25
4-Ethyltoluene	ND	14.4	--	ND	70.8	--		72.25
1,3,5-Trimethylbenzene	ND	14.4	--	ND	70.8	--		72.25
1,2,4-Trimethylbenzene	ND	14.4	--	ND	70.8	--		72.25
Benzyl chloride	ND	14.4	--	ND	74.6	--		72.25
1,3-Dichlorobenzene	ND	14.4	--	ND	86.6	--		72.25
1,4-Dichlorobenzene	ND	14.4	--	ND	86.6	--		72.25
1,2-Dichlorobenzene	ND	14.4	--	ND	86.6	--		72.25
1,2,4-Trichlorobenzene	ND	14.4	--	ND	107	--		72.25
Naphthalene	ND	14.4	--	ND	75.5	--		72.25
Hexachlorobutadiene	ND	14.4	--	ND	154	--		72.25

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	97		60-140

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2418319
Report Date: 04/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/17/24 15:41

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): 01-02 Batch: WG1909891-4								
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: SMP
Project Number: 12.0076761.20
Lab Number: L2418319
Report Date: 04/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/17/24 15:41

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): 01-02 Batch: WG1909891-4								
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: SMP
Project Number: 12.0076761.20
Lab Number: L2418319
Report Date: 04/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/17/24 15:41

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): 01-02 Batch: WG1909891-4								
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
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: SMP

Project Number: 12.0076761.20

Lab Number: L2418319

Report Date: 04/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1909891-3								
Dichlorodifluoromethane	110		-		70-130	-		
Chloromethane	96		-		70-130	-		
Freon-114	118		-		70-130	-		
Vinyl chloride	124		-		70-130	-		
1,3-Butadiene	116		-		70-130	-		
Bromomethane	122		-		70-130	-		
Chloroethane	126		-		70-130	-		
Ethanol	128		-		40-160	-		
Vinyl bromide	**142**	Q	-		70-130	-		
Acetone	99		-		40-160	-		
Trichlorofluoromethane	121		-		70-130	-		
Isopropanol	81		-		40-160	-		
1,1-Dichloroethene	98		-		70-130	-		
Tertiary butyl Alcohol	110		-		70-130	-		
Methylene chloride	97		-		70-130	-		
3-Chloropropene	96		-		70-130	-		
Carbon disulfide	86		-		70-130	-		
Freon-113	105		-		70-130	-		
trans-1,2-Dichloroethene	106		-		70-130	-		
1,1-Dichloroethane	106		-		70-130	-		
Methyl tert butyl ether	95		-		70-130	-		
2-Butanone	88		-		70-130	-		
cis-1,2-Dichloroethene	111		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2418319
Report Date: 04/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1909891-3								
Ethyl Acetate	110		-		70-130	-		
Chloroform	101		-		70-130	-		
Tetrahydrofuran	85		-		70-130	-		
1,2-Dichloroethane	117		-		70-130	-		
n-Hexane	117		-		70-130	-		
1,1,1-Trichloroethane	123		-		70-130	-		
Benzene	88		-		70-130	-		
Carbon tetrachloride	112		-		70-130	-		
Cyclohexane	114		-		70-130	-		
1,2-Dichloropropane	107		-		70-130	-		
Bromodichloromethane	111		-		70-130	-		
1,4-Dioxane	108		-		70-130	-		
Trichloroethene	108		-		70-130	-		
2,2,4-Trimethylpentane	118		-		70-130	-		
Heptane	97		-		70-130	-		
cis-1,3-Dichloropropene	99		-		70-130	-		
4-Methyl-2-pentanone	97		-		70-130	-		
trans-1,3-Dichloropropene	104		-		70-130	-		
1,1,2-Trichloroethane	110		-		70-130	-		
Toluene	86		-		70-130	-		
2-Hexanone	78		-		70-130	-		
Dibromochloromethane	95		-		70-130	-		
1,2-Dibromoethane	83		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2418319
Report Date: 04/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1909891-3								
Tetrachloroethene	82		-		70-130	-		
Chlorobenzene	79		-		70-130	-		
Ethylbenzene	86		-		70-130	-		
p/m-Xylene	89		-		70-130	-		
Bromoform	94		-		70-130	-		
Styrene	83		-		70-130	-		
1,1,2,2-Tetrachloroethane	86		-		70-130	-		
o-Xylene	92		-		70-130	-		
4-Ethyltoluene	84		-		70-130	-		
1,3,5-Trimethylbenzene	86		-		70-130	-		
1,2,4-Trimethylbenzene	90		-		70-130	-		
Benzyl chloride	86		-		70-130	-		
1,3-Dichlorobenzene	92		-		70-130	-		
1,4-Dichlorobenzene	90		-		70-130	-		
1,2-Dichlorobenzene	90		-		70-130	-		
1,2,4-Trichlorobenzene	99		-		70-130	-		
Naphthalene	86		-		70-130	-		
Hexachlorobutadiene	98		-		70-130	-		

Project Name: SMP

Project Number: 12.0076761.20

Lab Number: L2418319

Report Date: 04/18/24

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
L2418319-01	SG-6	01037	Flow 1	04/01/24	459608		-	-	-	Pass	40.0	46	14
L2418319-01	SG-6	3065	6.0L Can	04/01/24	459608	L2416209-05	Pass	-29.2	-1.1	-	-	-	-
L2418319-02	SG-5	01814	Flow 1	04/01/24	459608		-	-	-	Pass	40.0	51	24
L2418319-02	SG-5	2922	6.0L Can	04/01/24	459608	L2416209-05	Pass	-29.2	-6.3	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2416209
Report Date: 04/18/24

Air Canister Certification Results

Lab ID: L2416209-05
Client ID: CAN 953 SHELF 41
Sample Location:

Date Collected: 03/26/24 11:00
Date Received: 03/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/26/24 19:42
Analyst: KJD

	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: L2416209
Report Date: 04/18/24

Air Canister Certification Results

Lab ID: L2416209-05
Client ID: CAN 953 SHELF 41
Sample Location:

Date Collected: 03/26/24 11:00
Date Received: 03/26/24
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: L2416209
Report Date: 04/18/24

Air Canister Certification Results

Lab ID: L2416209-05
Client ID: CAN 953 SHELF 41
Sample Location:

Date Collected: 03/26/24 11:00
Date Received: 03/26/24
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: L2416209
Report Date: 04/18/24

Air Canister Certification Results

Lab ID: L2416209-05
Client ID: CAN 953 SHELF 41
Sample Location:

Date Collected: 03/26/24 11:00
Date Received: 03/26/24
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: L2416209
Report Date: 04/18/24

Air Canister Certification Results

Lab ID: L2416209-05
Client ID: CAN 953 SHELF 41
Sample Location:

Date Collected: 03/26/24 11:00
Date Received: 03/26/24
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	98		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	93		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2416209
Report Date: 04/18/24

Air Canister Certification Results

Lab ID: L2416209-05
Client ID: CAN 953 SHELF 41
Sample Location:

Date Collected: 03/26/24 11:00
Date Received: 03/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/26/24 19:42
Analyst: KJD

	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: L2416209
Report Date: 04/18/24

Air Canister Certification Results

Lab ID: L2416209-05
Client ID: CAN 953 SHELF 41
Sample Location:

Date Collected: 03/26/24 11:00
Date Received: 03/26/24
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: L2416209
Report Date: 04/18/24

Air Canister Certification Results

Lab ID: L2416209-05
Client ID: CAN 953 SHELF 41
Sample Location:

Date Collected: 03/26/24 11:00
Date Received: 03/26/24
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	95		60-140
chlorobenzene-d5	94		60-140

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2418319
Report Date: 04/18/24

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(*)*
L2418319-01A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2418319-02A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	SMP	**Lab Number:**	L2418319
Project Number:	12.0076761.20	**Report Date:**	04/18/24

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:	SMP	**Lab Number:**	L2418319
Project Number:	12.0076761.20	**Report Date:**	04/18/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report

Project Name:	SMP	**Lab Number:**	L2418319
Project Number:	12.0076761.20	**Report Date:**	04/18/24

Data Qualifiers

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

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.

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 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
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.
Nonpotable Water: EPA RSK-175 Dissolved Gases
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 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).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, 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 1

ALPHA ANALYTICAL — CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 4/5/24

ALPHA Job #: L2418319

Client Information

Client: GZA
Address: 55 Lyell Rd Rochester NY
Phone: 862-354-2066
Fax:
Email: morgan.mcbride@gza.com

❑ These samples have been previously analyzed by Alpha

Project Information

Project Name: SMP
Project Location: 3715 Culver Rd, Irondequoit, NY
Project #: 12007676.20
Project Manager: Morgan McBride
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:
Report to: (if different than Project Manager)

PM & bhuvnesh.pareek@gza.com

Billing Information

❑ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm
NY		

Other Project Specific Requirements/Comments:

4 issues - please email aden.spevak@gza.com

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	TO-15	TO-15 SIM	APH (Subtract Non-petroleum HCs ❑)	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
18319.01	SG-6	4-3-24	11:06	12:56	-29.97	-30.15	V	DM	6L	3065	1037	X					
.02	SG-5	"	12:21	15:27	-30.17	-5.20	"	"	"	2922	18A	X					

ANALYSIS

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type SUMA

Relinquished By:	Date/Time	Received By:	Date/Time:
OMAN	4-4-24 01:30	OMAN	4-4-24 12:25
	4-4-24 14:30		4/4/24 1740
	4/4/24		4/4/24 2120

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.

ANALYTICAL REPORT

Lab Number:	L2425675
Client:	GZA GeoEnvironmental, Inc. 55 Lane Road Suite 407 Fairfield, NJ 07004
ATTN:	Bhuvnesh Parekh
Phone:	(973) 774-3300
Project Name:	SMP
Project Number:	12.0076761.20
Report Date:	05/30/24

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-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2425675-01	SG-1	SOIL_VAPOR	LIC QNS, NYC	05/08/24 14:59	05/09/24
L2425675-02	SG-2	SOIL_VAPOR	LIC QNS, NYC	05/08/24 15:15	05/09/24
L2425675-03	SG-3	SOIL_VAPOR	LIC QNS, NYC	05/08/24 15:20	05/09/24
L2425675-04	SG-4	SOIL_VAPOR	LIC QNS, NYC	05/08/24 16:04	05/09/24
L2425675-05	SG-5	SOIL_VAPOR	LIC QNS, NYC	05/08/24 16:33	05/09/24
L2425675-06	SG-6	SOIL_VAPOR	LIC QNS, NYC	05/08/24 16:47	05/09/24
L2425675-07	SG-7	SOIL_VAPOR	LIC QNS, NYC	05/08/24 16:50	05/09/24
L2425675-08	SG-8	SOIL_VAPOR	LIC QNS, NYC	05/08/24 17:07	05/09/24
L2425675-09	DUP	SOIL_VAPOR	LIC QNS, NYC	05/08/24 17:17	05/09/24

Project Name:	SMP	**Lab Number:**	L2425675
Project Number:	12.0076761.20	**Report Date:**	05/30/24

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:	SMP	**Lab Number:**	L2425675
Project Number:	12.0076761.20	**Report Date:**	05/30/24

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on May 6, 2024. The canister certification data is provided as an addendum.

L2425675-03D,-04D,-05D2,-08D2: The samples have elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the samples.

L2425675-03D,-04D,-05D,-08D: The samples were 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.

The WG1926697-3 LCS recovery for acrylonitrile (157%) and ethyl ether (167%), associated with L2425675-09, is above the upper 130% acceptance limit. All samples associated with this LCS do not have reportable amounts of this analyte.

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: Jennifer Jerome

Title: Technical Director/Representative Date: 05/30/24

AIR

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

SAMPLE RESULTS

Lab ID: L2425675-01
Client ID: SG-1
Sample Location: LIC QNS, NYC

Date Collected: 05/08/24 14:59
Date Received: 05/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 05/27/24 00:13
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.470	0.200	--	2.32	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	0.703	0.200	--	1.86	0.528	--		1
Ethanol	9.19	5.00	--	17.3	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	17.2	1.00	--	40.9	2.38	--		1
Trichlorofluoromethane	0.277	0.200	--	1.56	1.12	--		1
Isopropanol	0.772	0.500	--	1.90	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	1.75	0.500	--	5.31	1.52	--		1
Methylene chloride	1.01	0.500	--	3.51	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.290	0.200	--	0.903	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	0.645	0.200	--	2.61	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.27	0.500	--	3.75	1.47	--		1
cis-1,2-Dichloroethene	0.427	0.200	--	1.69	0.793	--		1

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

SAMPLE RESULTS

Lab ID: L2425675-01
Client ID: SG-1
Sample Location: LIC QNS, NYC

Date Collected: 05/08/24 14:59
Date Received: 05/09/24
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	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.366	0.200	--	1.29	0.705	--		1
1,1,1-Trichloroethane	1.38	0.200	--	7.53	1.09	--		1
Benzene	0.718	0.200	--	2.29	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.347	0.200	--	1.19	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	5.98	0.200	--	32.1	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.418	0.200	--	1.71	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	2.37	0.200	--	8.93	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	0.312	0.200	--	1.36	0.869	--		1

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

SAMPLE RESULTS

Lab ID: L2425675-01
Client ID: SG-1
Sample Location: LIC QNS, NYC

Date Collected: 05/08/24 14:59
Date Received: 05/09/24
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	1.27	0.400	--	5.52	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	0.481	0.200	--	2.09	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	0.537	0.200	--	2.64	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	0.461	0.200	--	2.77	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
Naphthalene	0.324	0.200	--	1.70	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	96		60-140

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

SAMPLE RESULTS

Lab ID: L2425675-02
Client ID: SG-2
Sample Location: LIC QNS, NYC

Date Collected: 05/08/24 15:15
Date Received: 05/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 05/27/24 00:50
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.470	0.200	--	2.32	0.989	--		1
Chloromethane	0.645	0.200	--	1.33	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	0.676	0.200	--	1.78	0.528	--		1
Ethanol	9.15	5.00	--	17.2	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	13.2	1.00	--	31.4	2.38	--		1
Trichlorofluoromethane	0.236	0.200	--	1.33	1.12	--		1
Isopropanol	0.618	0.500	--	1.52	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	1.26	0.500	--	3.82	1.52	--		1
Methylene chloride	2.42	0.500	--	8.41	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	1.20	0.200	--	3.74	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	1.55	0.500	--	4.57	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

SAMPLE RESULTS

Lab ID: L2425675-02
Client ID: SG-2
Sample Location: LIC QNS, NYC

Date Collected: 05/08/24 15:15
Date Received: 05/09/24
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	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
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	1.12	0.200	--	3.58	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	0.246	0.200	--	1.32	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	0.586	0.200	--	2.21	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

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

SAMPLE RESULTS

Lab ID: L2425675-02
Client ID: SG-2
Sample Location: LIC QNS, NYC

Date Collected: 05/08/24 15:15
Date Received: 05/09/24
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	0.400	--	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
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	0.289	0.200	--	1.74	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
Naphthalene	0.535	0.200	--	2.81	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

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

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

SAMPLE RESULTS

Lab ID: L2425675-03
Client ID: SG-3
Sample Location: LIC QNS, NYC

Date Collected: 05/08/24 15:20
Date Received: 05/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 05/27/24 01:28
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.467	0.200	--	2.31	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	0.258	0.200	--	0.660	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	1.44	0.200	--	3.80	0.528	--		1
Ethanol	10.2	5.00	--	19.2	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	12.0	1.00	--	28.5	2.38	--		1
Trichlorofluoromethane	0.394	0.200	--	2.21	1.12	--		1
Isopropanol	0.641	0.500	--	1.58	1.23	--		1
1,1-Dichloroethene	0.321	0.200	--	1.27	0.793	--		1
Tertiary butyl Alcohol	2.07	0.500	--	6.28	1.52	--		1
Methylene chloride	1.66	0.500	--	5.77	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.382	0.200	--	1.19	0.623	--		1
Freon-113	1.05	0.200	--	8.05	1.53	--		1
trans-1,2-Dichloroethene	0.546	0.200	--	2.16	0.793	--		1
1,1-Dichloroethane	33.7	0.200	--	136	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	0.927	0.500	--	2.73	1.47	--		1
cis-1,2-Dichloroethene	10.3	0.200	--	40.8	0.793	--		1

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

SAMPLE RESULTS

Lab ID: L2425675-03
Client ID: SG-3
Sample Location: LIC QNS, NYC

Date Collected: 05/08/24 15:20
Date Received: 05/09/24
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	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	2.49	0.500	--	7.34	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	29.9	0.200	--	163	1.09	--		1
Benzene	0.350	0.200	--	1.12	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	118	0.200	--	634	1.07	--	E	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	0.346	0.200	--	1.30	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	2.66	0.200	--	18.0	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

SAMPLE RESULTS

Lab ID: L2425675-03
Client ID: SG-3
Sample Location: LIC QNS, NYC

Date Collected: 05/08/24 15:20
Date Received: 05/09/24
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	0.400	--	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
1,2,4-Trimethylbenzene	0.215	0.200	--	1.06	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	0.650	0.200	--	3.91	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
Naphthalene	0.346	0.200	--	1.81	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

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

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

SAMPLE RESULTS

Lab ID: L2425675-03 D
Client ID: SG-3
Sample Location: LIC QNS, NYC

Date Collected: 05/08/24 15:20
Date Received: 05/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 05/27/24 07:47
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	128	1.00	--	688	5.37	--		5

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	92		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	99		60-140

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

SAMPLE RESULTS

Lab ID: L2425675-04
Client ID: SG-4
Sample Location: LIC QNS, NYC

Date Collected: 05/08/24 16:04
Date Received: 05/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 05/27/24 02:05
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.478	0.200	--	2.36	0.989	--		1
Chloromethane	0.361	0.200	--	0.745	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	3.04	0.200	--	8.02	0.528	--		1
Ethanol	13.9	5.00	--	26.2	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	15.4	1.00	--	36.6	2.38	--		1
Trichlorofluoromethane	3.58	0.200	--	20.1	1.12	--		1
Isopropanol	1.29	0.500	--	3.17	1.23	--		1
1,1-Dichloroethene	0.259	0.200	--	1.03	0.793	--		1
Tertiary butyl Alcohol	2.22	0.500	--	6.73	1.52	--		1
Methylene chloride	1.08	0.500	--	3.75	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.389	0.200	--	1.21	0.623	--		1
Freon-113	4.63	0.200	--	35.5	1.53	--		1
trans-1,2-Dichloroethene	0.868	0.200	--	3.44	0.793	--		1
1,1-Dichloroethane	146	0.200	--	591	0.809	--	E	1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.10	0.500	--	3.24	1.47	--		1
cis-1,2-Dichloroethene	55.1	0.200	--	218	0.793	--		1

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

SAMPLE RESULTS

Lab ID: L2425675-04
Client ID: SG-4
Sample Location: LIC QNS, NYC

Date Collected: 05/08/24 16:04
Date Received: 05/09/24
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	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
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	197	0.200	--	1070	1.09	--	E	1
Benzene	0.330	0.200	--	1.05	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	23.1	0.200	--	124	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	0.953	0.200	--	3.59	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	3.04	0.200	--	20.6	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

SAMPLE RESULTS

Lab ID: L2425675-04
Client ID: SG-4
Sample Location: LIC QNS, NYC

Date Collected: 05/08/24 16:04
Date Received: 05/09/24
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	0.666	0.400	--	2.89	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
1,2,4-Trimethylbenzene	0.465	0.200	--	2.29	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	0.478	0.200	--	2.87	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
Naphthalene	0.328	0.200	--	1.72	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	101		60-140

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

SAMPLE RESULTS

Lab ID: L2425675-04 D
Client ID: SG-4
Sample Location: LIC QNS, NYC

Date Collected: 05/08/24 16:04
Date Received: 05/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 05/27/24 08:22
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
1,1-Dichloroethane	139	2.00	--	563	8.09	--		10
1,1,1-Trichloroethane	193	2.00	--	1050	10.9	--		10

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	92		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	97		60-140

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

SAMPLE RESULTS

Lab ID: L2425675-05 D
Client ID: SG-5
Sample Location: LIC QNS, NYC

Date Collected: 05/08/24 16:33
Date Received: 05/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 05/27/24 02:40
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	5.16	--	ND	25.5	--		25.8
Chloromethane	ND	5.16	--	ND	10.7	--		25.8
Freon-114	ND	5.16	--	ND	36.1	--		25.8
Vinyl chloride	19.0	5.16	--	48.6	13.2	--		25.8
1,3-Butadiene	ND	5.16	--	ND	11.4	--		25.8
Bromomethane	ND	5.16	--	ND	20.0	--		25.8
Chloroethane	335	5.16	--	884	13.6	--		25.8
Ethanol	ND	129	--	ND	243	--		25.8
Vinyl bromide	ND	5.16	--	ND	22.6	--		25.8
Acetone	ND	25.8	--	ND	61.3	--		25.8
Trichlorofluoromethane	ND	5.16	--	ND	29.0	--		25.8
Isopropanol	ND	12.9	--	ND	31.7	--		25.8
1,1-Dichloroethene	9.08	5.16	--	36.0	20.5	--		25.8
Tertiary butyl Alcohol	ND	12.9	--	ND	39.1	--		25.8
Methylene chloride	16.4	12.9	--	57.0	44.8	--		25.8
3-Chloropropene	ND	5.16	--	ND	16.2	--		25.8
Carbon disulfide	ND	5.16	--	ND	16.1	--		25.8
Freon-113	34.0	5.16	--	261	39.5	--		25.8
trans-1,2-Dichloroethene	15.6	5.16	--	61.9	20.5	--		25.8
1,1-Dichloroethane	6020	5.16	--	24400	20.9	--	E	25.8
Methyl tert butyl ether	ND	5.16	--	ND	18.6	--		25.8
2-Butanone	ND	12.9	--	ND	38.0	--		25.8
cis-1,2-Dichloroethene	2030	5.16	--	8050	20.5	--		25.8

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

SAMPLE RESULTS

Lab ID: L2425675-05 D
Client ID: SG-5
Sample Location: LIC QNS, NYC

Date Collected: 05/08/24 16:33
Date Received: 05/09/24
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	12.9	--	ND	46.5	--		25.8
Chloroform	ND	5.16	--	ND	25.2	--		25.8
Tetrahydrofuran	ND	12.9	--	ND	38.0	--		25.8
1,2-Dichloroethane	ND	5.16	--	ND	20.9	--		25.8
n-Hexane	ND	5.16	--	ND	18.2	--		25.8
1,1,1-Trichloroethane	4340	5.16	--	23700	28.2	--	E	25.8
Benzene	ND	5.16	--	ND	16.5	--		25.8
Carbon tetrachloride	ND	5.16	--	ND	32.5	--		25.8
Cyclohexane	ND	5.16	--	ND	17.8	--		25.8
1,2-Dichloropropane	ND	5.16	--	ND	23.8	--		25.8
Bromodichloromethane	ND	5.16	--	ND	34.6	--		25.8
1,4-Dioxane	ND	5.16	--	ND	18.6	--		25.8
Trichloroethene	463	5.16	--	2490	27.7	--		25.8
2,2,4-Trimethylpentane	ND	5.16	--	ND	24.1	--		25.8
Heptane	ND	5.16	--	ND	21.1	--		25.8
cis-1,3-Dichloropropene	ND	5.16	--	ND	23.4	--		25.8
4-Methyl-2-pentanone	ND	12.9	--	ND	52.9	--		25.8
trans-1,3-Dichloropropene	ND	5.16	--	ND	23.4	--		25.8
1,1,2-Trichloroethane	ND	5.16	--	ND	28.2	--		25.8
Toluene	ND	5.16	--	ND	19.4	--		25.8
2-Hexanone	ND	5.16	--	ND	21.1	--		25.8
Dibromochloromethane	ND	5.16	--	ND	44.0	--		25.8
1,2-Dibromoethane	ND	5.16	--	ND	39.7	--		25.8
Tetrachloroethene	53.8	5.16	--	365	35.0	--		25.8
Chlorobenzene	ND	5.16	--	ND	23.8	--		25.8
Ethylbenzene	ND	5.16	--	ND	22.4	--		25.8

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

SAMPLE RESULTS

Lab ID: L2425675-05 D
Client ID: SG-5
Sample Location: LIC QNS, NYC

Date Collected: 05/08/24 16:33
Date Received: 05/09/24
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	10.3	--	ND	44.7	--		25.8
Bromoform	ND	5.16	--	ND	53.4	--		25.8
Styrene	ND	5.16	--	ND	22.0	--		25.8
1,1,2,2-Tetrachloroethane	ND	5.16	--	ND	35.4	--		25.8
o-Xylene	ND	5.16	--	ND	22.4	--		25.8
4-Ethyltoluene	ND	5.16	--	ND	25.4	--		25.8
1,3,5-Trimethylbenzene	ND	5.16	--	ND	25.4	--		25.8
1,2,4-Trimethylbenzene	ND	5.16	--	ND	25.4	--		25.8
Benzyl chloride	ND	5.16	--	ND	26.7	--		25.8
1,3-Dichlorobenzene	ND	5.16	--	ND	31.0	--		25.8
1,4-Dichlorobenzene	ND	5.16	--	ND	31.0	--		25.8
1,2-Dichlorobenzene	ND	5.16	--	ND	31.0	--		25.8
1,2,4-Trichlorobenzene	ND	5.16	--	ND	38.3	--		25.8
Naphthalene	ND	5.16	--	ND	27.1	--		25.8
Hexachlorobutadiene	ND	5.16	--	ND	55.0	--		25.8

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	100		60-140
Bromochloromethane	104		60-140
chlorobenzene-d5	104		60-140

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

SAMPLE RESULTS

Lab ID: L2425675-05 D2
Client ID: SG-5
Sample Location: LIC QNS, NYC

Date Collected: 05/08/24 16:33
Date Received: 05/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 05/27/24 10:15
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
1,1-Dichloroethane	5820	25.9	--	23600	105	--		129.5
1,1,1-Trichloroethane	3920	25.9	--	21400	141	--		129.5

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	98		60-140
Bromochloromethane	103		60-140
chlorobenzene-d5	104		60-140

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

SAMPLE RESULTS

Lab ID: L2425675-06
Client ID: SG-6
Sample Location: LIC QNS, NYC

Date Collected: 05/08/24 16:47
Date Received: 05/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 05/27/24 03:53
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.480	0.200	--	2.37	0.989	--		1
Chloromethane	0.272	0.200	--	0.562	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	0.657	0.200	--	1.73	0.528	--		1
Ethanol	15.0	5.00	--	28.3	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	25.7	1.00	--	61.0	2.38	--		1
Trichlorofluoromethane	0.378	0.200	--	2.12	1.12	--		1
Isopropanol	1.67	0.500	--	4.10	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	3.77	0.500	--	11.4	1.52	--		1
Methylene chloride	1.55	0.500	--	5.38	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.512	0.200	--	1.59	0.623	--		1
Freon-113	0.446	0.200	--	3.42	1.53	--		1
trans-1,2-Dichloroethene	0.433	0.200	--	1.72	0.793	--		1
1,1-Dichloroethane	22.0	0.200	--	89.0	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	3.06	0.500	--	9.02	1.47	--		1
cis-1,2-Dichloroethene	8.00	0.200	--	31.7	0.793	--		1

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

SAMPLE RESULTS

Lab ID: L2425675-06
Client ID: SG-6
Sample Location: LIC QNS, NYC

Date Collected: 05/08/24 16:47
Date Received: 05/09/24
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	0.500	--	ND	1.80	--		1
Chloroform	0.217	0.200	--	1.06	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	10.1	0.200	--	35.6	0.705	--		1
1,1,1-Trichloroethane	11.5	0.200	--	62.7	1.09	--		1
Benzene	4.08	0.200	--	13.0	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	9.12	0.200	--	31.4	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	58.2	0.200	--	313	1.07	--		1
2,2,4-Trimethylpentane	5.94	0.200	--	27.7	0.934	--		1
Heptane	6.24	0.200	--	25.6	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	9.30	0.200	--	35.0	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	0.456	0.200	--	3.09	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.830	0.200	--	3.61	0.869	--		1

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

SAMPLE RESULTS

Lab ID: L2425675-06
Client ID: SG-6
Sample Location: LIC QNS, NYC

Date Collected: 05/08/24 16:47
Date Received: 05/09/24
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	3.43	0.400	--	14.9	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	1.23	0.200	--	5.34	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	0.286	0.200	--	1.41	0.983	--		1
1,2,4-Trimethylbenzene	0.894	0.200	--	4.40	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	0.880	0.200	--	5.29	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
Naphthalene	0.349	0.200	--	1.83	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	99		60-140

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

SAMPLE RESULTS

Lab ID: L2425675-07
Client ID: SG-7
Sample Location: LIC QNS, NYC

Date Collected: 05/08/24 16:50
Date Received: 05/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 05/27/24 04:30
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.451	0.200	--	2.23	0.989	--		1
Chloromethane	0.432	0.200	--	0.892	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	7.90	5.00	--	14.9	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	8.10	1.00	--	19.2	2.38	--		1
Trichlorofluoromethane	0.237	0.200	--	1.33	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	0.755	0.500	--	2.29	1.52	--		1
Methylene chloride	3.81	0.500	--	13.2	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.238	0.200	--	0.741	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	0.518	0.200	--	2.10	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	0.694	0.500	--	2.05	1.47	--		1
cis-1,2-Dichloroethene	0.459	0.200	--	1.82	0.793	--		1

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

SAMPLE RESULTS

Lab ID: L2425675-07
Client ID: SG-7
Sample Location: LIC QNS, NYC

Date Collected: 05/08/24 16:50
Date Received: 05/09/24
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	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
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	0.783	0.200	--	4.27	1.09	--		1
Benzene	0.210	0.200	--	0.671	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	4.28	0.200	--	23.0	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	0.594	0.200	--	2.24	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

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

SAMPLE RESULTS

Lab ID: L2425675-07
Client ID: SG-7
Sample Location: LIC QNS, NYC

Date Collected: 05/08/24 16:50
Date Received: 05/09/24
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	0.400	--	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
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	0.208	0.200	--	1.25	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
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	99		60-140
Bromochloromethane	101		60-140
chlorobenzene-d5	103		60-140

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

SAMPLE RESULTS

Lab ID: L2425675-08 D
Client ID: SG-8
Sample Location: LIC QNS, NYC

Date Collected: 05/08/24 17:07
Date Received: 05/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 05/27/24 05:05
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	4.57	--	ND	22.6	--		22.87
Chloromethane	ND	4.57	--	ND	9.44	--		22.87
Freon-114	ND	4.57	--	ND	31.9	--		22.87
Vinyl chloride	ND	4.57	--	ND	11.7	--		22.87
1,3-Butadiene	ND	4.57	--	ND	10.1	--		22.87
Bromomethane	ND	4.57	--	ND	17.7	--		22.87
Chloroethane	ND	4.57	--	ND	12.1	--		22.87
Ethanol	ND	114	--	ND	215	--		22.87
Vinyl bromide	ND	4.57	--	ND	20.0	--		22.87
Acetone	ND	22.9	--	ND	54.4	--		22.87
Trichlorofluoromethane	ND	4.57	--	ND	25.7	--		22.87
Isopropanol	ND	11.4	--	ND	28.0	--		22.87
1,1-Dichloroethene	10.3	4.57	--	40.8	18.1	--		22.87
Tertiary butyl Alcohol	ND	11.4	--	ND	34.6	--		22.87
Methylene chloride	ND	11.4	--	ND	39.6	--		22.87
3-Chloropropene	ND	4.57	--	ND	14.3	--		22.87
Carbon disulfide	ND	4.57	--	ND	14.2	--		22.87
Freon-113	ND	4.57	--	ND	35.0	--		22.87
trans-1,2-Dichloroethene	5.79	4.57	--	23.0	18.1	--		22.87
1,1-Dichloroethane	186	4.57	--	753	18.5	--		22.87
Methyl tert butyl ether	ND	4.57	--	ND	16.5	--		22.87
2-Butanone	ND	11.4	--	ND	33.6	--		22.87
cis-1,2-Dichloroethene	158	4.57	--	626	18.1	--		22.87

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

SAMPLE RESULTS

Lab ID: L2425675-08 D
Client ID: SG-8
Sample Location: LIC QNS, NYC

Date Collected: 05/08/24 17:07
Date Received: 05/09/24
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	11.4	--	ND	41.1	--		22.87
Chloroform	ND	4.57	--	ND	22.3	--		22.87
Tetrahydrofuran	ND	11.4	--	ND	33.6	--		22.87
1,2-Dichloroethane	ND	4.57	--	ND	18.5	--		22.87
n-Hexane	ND	4.57	--	ND	16.1	--		22.87
1,1,1-Trichloroethane	567	4.57	--	3090	24.9	--		22.87
Benzene	ND	4.57	--	ND	14.6	--		22.87
Carbon tetrachloride	ND	4.57	--	ND	28.7	--		22.87
Cyclohexane	ND	4.57	--	ND	15.7	--		22.87
1,2-Dichloropropane	ND	4.57	--	ND	21.1	--		22.87
Bromodichloromethane	ND	4.57	--	ND	30.6	--		22.87
1,4-Dioxane	ND	4.57	--	ND	16.5	--		22.87
Trichloroethene	4060	4.57	--	21800	24.6	--	E	22.87
2,2,4-Trimethylpentane	ND	4.57	--	ND	21.3	--		22.87
Heptane	ND	4.57	--	ND	18.7	--		22.87
cis-1,3-Dichloropropene	ND	4.57	--	ND	20.7	--		22.87
4-Methyl-2-pentanone	ND	11.4	--	ND	46.7	--		22.87
trans-1,3-Dichloropropene	ND	4.57	--	ND	20.7	--		22.87
1,1,2-Trichloroethane	ND	4.57	--	ND	24.9	--		22.87
Toluene	ND	4.57	--	ND	17.2	--		22.87
2-Hexanone	ND	4.57	--	ND	18.7	--		22.87
Dibromochloromethane	ND	4.57	--	ND	38.9	--		22.87
1,2-Dibromoethane	ND	4.57	--	ND	35.1	--		22.87
Tetrachloroethene	9.40	4.57	--	63.7	31.0	--		22.87
Chlorobenzene	ND	4.57	--	ND	21.0	--		22.87
Ethylbenzene	ND	4.57	--	ND	19.9	--		22.87

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

SAMPLE RESULTS

Lab ID: L2425675-08 D
Client ID: SG-8
Sample Location: LIC QNS, NYC

Date Collected: 05/08/24 17:07
Date Received: 05/09/24
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	9.15	--	ND	39.7	--		22.87
Bromoform	ND	4.57	--	ND	47.3	--		22.87
Styrene	ND	4.57	--	ND	19.5	--		22.87
1,1,2,2-Tetrachloroethane	ND	4.57	--	ND	31.4	--		22.87
o-Xylene	ND	4.57	--	ND	19.9	--		22.87
4-Ethyltoluene	ND	4.57	--	ND	22.5	--		22.87
1,3,5-Trimethylbenzene	ND	4.57	--	ND	22.5	--		22.87
1,2,4-Trimethylbenzene	ND	4.57	--	ND	22.5	--		22.87
Benzyl chloride	ND	4.57	--	ND	23.7	--		22.87
1,3-Dichlorobenzene	ND	4.57	--	ND	27.5	--		22.87
1,4-Dichlorobenzene	ND	4.57	--	ND	27.5	--		22.87
1,2-Dichlorobenzene	ND	4.57	--	ND	27.5	--		22.87
1,2,4-Trichlorobenzene	ND	4.57	--	ND	33.9	--		22.87
Naphthalene	ND	4.57	--	ND	24.0	--		22.87
Hexachlorobutadiene	ND	4.57	--	ND	48.7	--		22.87

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	101		60-140
Bromochloromethane	104		60-140
chlorobenzene-d5	105		60-140

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

SAMPLE RESULTS

Lab ID: L2425675-08 D2
Client ID: SG-8
Sample Location: LIC QNS, NYC

Date Collected: 05/08/24 17:07
Date Received: 05/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 05/27/24 08:56
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	5430	11.4	--	29200	61.3	--		57.21

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	99		60-140
Bromochloromethane	103		60-140
chlorobenzene-d5	105		60-140

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

SAMPLE RESULTS

Lab ID: L2425675-09
Client ID: DUP
Sample Location: LIC QNS, NYC

Date Collected: 05/08/24 17:17
Date Received: 05/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 05/28/24 22:32
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.441	0.200	--	2.18	0.989	--		1
Chloromethane	0.243	0.200	--	0.502	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	0.677	0.200	--	1.79	0.528	--		1
Ethanol	8.25	5.00	--	15.5	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	7.82	1.00	--	18.6	2.38	--		1
Trichlorofluoromethane	0.246	0.200	--	1.38	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	1.33	0.500	--	4.03	1.52	--		1
Methylene chloride	3.10	0.500	--	10.8	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.240	0.200	--	0.747	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	0.642	0.200	--	2.60	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	0.740	0.500	--	2.18	1.47	--		1
cis-1,2-Dichloroethene	0.450	0.200	--	1.78	0.793	--		1

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

SAMPLE RESULTS

Lab ID: L2425675-09
Client ID: DUP
Sample Location: LIC QNS, NYC

Date Collected: 05/08/24 17:17
Date Received: 05/09/24
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	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
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	1.42	0.200	--	7.75	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	6.46	0.200	--	34.7	1.07	--		1
2,2,4-Trimethylpentane	0.269	0.200	--	1.26	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	1.00	0.200	--	3.77	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

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

SAMPLE RESULTS

Lab ID: L2425675-09
Client ID: DUP
Sample Location: LIC QNS, NYC

Date Collected: 05/08/24 17:17
Date Received: 05/09/24
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	0.454	0.400	--	1.97	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
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	0.203	0.200	--	1.22	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
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	103		60-140

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 05/26/24 21:44

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): 01-08 Batch: WG1926079-4								
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: SMP
Project Number: 12.0076761.20
Lab Number: L2425675
Report Date: 05/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 05/26/24 21:44

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): 01-08 Batch: WG1926079-4								
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: SMP
Project Number: 12.0076761.20
Lab Number: L2425675
Report Date: 05/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 05/26/24 21:44

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): 01-08 Batch: WG1926079-4								
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
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2425675
Report Date: 05/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 05/28/24 15:16

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): 09 Batch: WG1926697-4								
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: SMP
Project Number: 12.0076761.20
Lab Number: L2425675
Report Date: 05/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 05/28/24 15:16

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): 09 Batch: WG1926697-4								
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: SMP
Project Number: 12.0076761.20
Lab Number: L2425675
Report Date: 05/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 05/28/24 15:16

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): 09 Batch: WG1926697-4								
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
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: SMP

Project Number: 12.0076761.20

Lab Number: L2425675

Report Date: 05/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-08 Batch: WG1926079-3								
Dichlorodifluoromethane	89		-		70-130	-		
Chloromethane	93		-		70-130	-		
Freon-114	107		-		70-130	-		
Vinyl chloride	95		-		70-130	-		
1,3-Butadiene	108		-		70-130	-		
Bromomethane	98		-		70-130	-		
Chloroethane	97		-		70-130	-		
Ethanol	91		-		40-160	-		
Vinyl bromide	98		-		70-130	-		
Acetone	108		-		40-160	-		
Trichlorofluoromethane	104		-		70-130	-		
Isopropanol	94		-		40-160	-		
1,1-Dichloroethene	74		-		70-130	-		
Tertiary butyl Alcohol	80		-		70-130	-		
Methylene chloride	102		-		70-130	-		
3-Chloropropene	111		-		70-130	-		
Carbon disulfide	97		-		70-130	-		
Freon-113	99		-		70-130	-		
trans-1,2-Dichloroethene	104		-		70-130	-		
1,1-Dichloroethane	102		-		70-130	-		
Methyl tert butyl ether	104		-		70-130	-		
2-Butanone	104		-		70-130	-		
cis-1,2-Dichloroethene	104		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-08 Batch: WG1926079-3								
Ethyl Acetate	107		-		70-130	-		
Chloroform	101		-		70-130	-		
Tetrahydrofuran	103		-		70-130	-		
1,2-Dichloroethane	101		-		70-130	-		
n-Hexane	111		-		70-130	-		
1,1,1-Trichloroethane	107		-		70-130	-		
Benzene	100		-		70-130	-		
Carbon tetrachloride	106		-		70-130	-		
Cyclohexane	110		-		70-130	-		
1,2-Dichloropropane	105		-		70-130	-		
Bromodichloromethane	112		-		70-130	-		
1,4-Dioxane	113		-		70-130	-		
Trichloroethene	102		-		70-130	-		
2,2,4-Trimethylpentane	112		-		70-130	-		
Heptane	114		-		70-130	-		
cis-1,3-Dichloropropene	108		-		70-130	-		
4-Methyl-2-pentanone	114		-		70-130	-		
trans-1,3-Dichloropropene	109		-		70-130	-		
1,1,2-Trichloroethane	105		-		70-130	-		
Toluene	98		-		70-130	-		
2-Hexanone	116		-		70-130	-		
Dibromochloromethane	109		-		70-130	-		
1,2-Dibromoethane	98		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-08 Batch: WG1926079-3								
Tetrachloroethene	91		-		70-130	-		
Chlorobenzene	97		-		70-130	-		
Ethylbenzene	99		-		70-130	-		
p/m-Xylene	100		-		70-130	-		
Bromoform	103		-		70-130	-		
Styrene	100		-		70-130	-		
1,1,2,2-Tetrachloroethane	101		-		70-130	-		
o-Xylene	104		-		70-130	-		
4-Ethyltoluene	102		-		70-130	-		
1,3,5-Trimethylbenzene	99		-		70-130	-		
1,2,4-Trimethylbenzene	103		-		70-130	-		
Benzyl chloride	96		-		70-130	-		
1,3-Dichlorobenzene	95		-		70-130	-		
1,4-Dichlorobenzene	94		-		70-130	-		
1,2-Dichlorobenzene	91		-		70-130	-		
1,2,4-Trichlorobenzene	91		-		70-130	-		
Naphthalene	92		-		70-130	-		
Hexachlorobutadiene	89		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 09 Batch: WG1926697-3								
Dichlorodifluoromethane	94		-		70-130	-		
Chloromethane	96		-		70-130	-		
Freon-114	108		-		70-130	-		
Vinyl chloride	99		-		70-130	-		
1,3-Butadiene	109		-		70-130	-		
Bromomethane	102		-		70-130	-		
Chloroethane	100		-		70-130	-		
Ethanol	90		-		40-160	-		
Vinyl bromide	99		-		70-130	-		
Acetone	107		-		40-160	-		
Trichlorofluoromethane	102		-		70-130	-		
Isopropanol	94		-		40-160	-		
1,1-Dichloroethene	106		-		70-130	-		
Tertiary butyl Alcohol	99		-		70-130	-		
Methylene chloride	103		-		70-130	-		
3-Chloropropene	113		-		70-130	-		
Carbon disulfide	97		-		70-130	-		
Freon-113	100		-		70-130	-		
trans-1,2-Dichloroethene	104		-		70-130	-		
1,1-Dichloroethane	102		-		70-130	-		
Methyl tert butyl ether	105		-		70-130	-		
2-Butanone	105		-		70-130	-		
cis-1,2-Dichloroethene	104		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 09 Batch: WG1926697-3								
Ethyl Acetate	108		-		70-130	-		
Chloroform	100		-		70-130	-		
Tetrahydrofuran	104		-		70-130	-		
1,2-Dichloroethane	98		-		70-130	-		
n-Hexane	110		-		70-130	-		
1,1,1-Trichloroethane	103		-		70-130	-		
Benzene	100		-		70-130	-		
Carbon tetrachloride	103		-		70-130	-		
Cyclohexane	109		-		70-130	-		
1,2-Dichloropropane	105		-		70-130	-		
Bromodichloromethane	110		-		70-130	-		
1,4-Dioxane	112		-		70-130	-		
Trichloroethene	103		-		70-130	-		
2,2,4-Trimethylpentane	112		-		70-130	-		
Heptane	113		-		70-130	-		
cis-1,3-Dichloropropene	108		-		70-130	-		
4-Methyl-2-pentanone	112		-		70-130	-		
trans-1,3-Dichloropropene	106		-		70-130	-		
1,1,2-Trichloroethane	105		-		70-130	-		
Toluene	99		-		70-130	-		
2-Hexanone	118		-		70-130	-		
Dibromochloromethane	110		-		70-130	-		
1,2-Dibromoethane	100		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 09 Batch: WG1926697-3								
Tetrachloroethene	95		-		70-130	-		
Chlorobenzene	99		-		70-130	-		
Ethylbenzene	101		-		70-130	-		
p/m-Xylene	104		-		70-130	-		
Bromoform	107		-		70-130	-		
Styrene	102		-		70-130	-		
1,1,2,2-Tetrachloroethane	103		-		70-130	-		
o-Xylene	105		-		70-130	-		
4-Ethyltoluene	103		-		70-130	-		
1,3,5-Trimethylbenzene	102		-		70-130	-		
1,2,4-Trimethylbenzene	105		-		70-130	-		
Benzyl chloride	103		-		70-130	-		
1,3-Dichlorobenzene	99		-		70-130	-		
1,4-Dichlorobenzene	96		-		70-130	-		
1,2-Dichlorobenzene	94		-		70-130	-		
1,2,4-Trichlorobenzene	101		-		70-130	-		
Naphthalene	101		-		70-130	-		
Hexachlorobutadiene	100		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1926079-5 QC Sample: L2425675-05 Client ID: SG-5						
Dichlorodifluoromethane	ND	ND	ppbV	NC		25
Chloromethane	ND	ND	ppbV	NC		25
Freon-114	ND	ND	ppbV	NC		25
Vinyl chloride	19.0	19.0	ppbV	0		25
1,3-Butadiene	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	335	336	ppbV	0		25
Ethanol	ND	ND	ppbV	NC		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	ND	ND	ppbV	NC		25
Trichlorofluoromethane	ND	ND	ppbV	NC		25
Isopropanol	ND	ND	ppbV	NC		25
1,1-Dichloroethene	9.08	9.03	ppbV	1		25
Tertiary butyl Alcohol	ND	ND	ppbV	NC		25
Methylene chloride	16.4	15.9	ppbV	3		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	ND	ND	ppbV	NC		25
Freon-113	34.0	32.7	ppbV	4		25
trans-1,2-Dichloroethene	15.6	15.8	ppbV	1		25
1,1-Dichloroethane	6020E	5960E	ppbV	1		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1926079-5 QC Sample: L2425675-05 Client ID: SG-5						
2-Butanone	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	2030	2030	ppbV	0		25
Ethyl Acetate	ND	ND	ppbV	NC		25
Chloroform	ND	ND	ppbV	NC		25
Tetrahydrofuran	ND	ND	ppbV	NC		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	4340E	4310E	ppbV	1		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	463	474	ppbV	2		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: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1926079-5 QC Sample: L2425675-05 Client ID: SG-5						
Toluene	ND	ND	ppbV	NC		25
2-Hexanone	ND	ND	ppbV	NC		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Tetrachloroethene	53.8	53.6	ppbV	0		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	ND	ND	ppbV	NC		25
p/m-Xylene	ND	ND	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
Naphthalene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1926079-5 QC Sample: L2425675-05 Client ID: SG-5						
Hexachlorobutadiene	ND	ND	ppbV	NC		25
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1926079-5 QC Sample: L2425675-05 Client ID: SG-5						
1,1-Dichloroethane	5820	5730	ppbV	2		25
1,1,1-Trichloroethane	3920	3830	ppbV	2		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG1926697-5 QC Sample: L2425675-09 Client ID: DUP						
Dichlorodifluoromethane	0.441	0.477	ppbV	8		25
Chloromethane	0.243	0.241	ppbV	1		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	0.677	0.680	ppbV	0		25
Ethanol	8.25	7.23	ppbV	13		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	7.82	8.15	ppbV	4		25
Trichlorofluoromethane	0.246	0.254	ppbV	3		25
Isopropanol	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Tertiary butyl Alcohol	1.33	1.36	ppbV	2		25
Methylene chloride	3.10	3.20	ppbV	3		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	0.240	0.243	ppbV	1		25
Freon-113	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	0.642	0.660	ppbV	3		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG1926697-5 QC Sample: L2425675-09 Client ID: DUP						
2-Butanone	0.740	0.748	ppbV	1		25
cis-1,2-Dichloroethene	0.450	0.458	ppbV	2		25
Ethyl Acetate	ND	ND	ppbV	NC		25
Chloroform	ND	ND	ppbV	NC		25
Tetrahydrofuran	ND	ND	ppbV	NC		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	1.42	1.46	ppbV	3		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	6.46	6.61	ppbV	2		25
2,2,4-Trimethylpentane	0.269	0.271	ppbV	1		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: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG1926697-5 QC Sample: L2425675-09 Client ID: DUP						
Toluene	1.00	1.02	ppbV	2		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	0.454	0.451	ppbV	1		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	0.203	0.202	ppbV	0		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
Naphthalene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG1926697-5 QC Sample: L2425675-09 Client ID: DUP						
Hexachlorobutadiene	ND	ND	ppbV	NC		25

Project Name: SMP

Project Number: 12.0076761.20

Lab Number: L2425675

Report Date: 05/30/24

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
L2425675-01	SG-1	02262	Flow 1	05/06/24	465139		-	-	-	Pass	39.9	51	24
L2425675-01	SG-1	2945	6.0L Can	05/06/24	465139	L2422929-02	Pass	-29.0	-5.0	-	-	-	-
L2425675-02	SG-2	01557	Flow 3	05/06/24	465139		-	-	-	Pass	40.3	49	19
L2425675-02	SG-2	1827	6.0L Can	05/06/24	465139	L2422929-02	Pass	-29.0	-7.0	-	-	-	-
L2425675-03	SG-3	0753	Flow 2	05/06/24	465139		-	-	-	Pass	40.5	51	23
L2425675-03	SG-3	2671	6.0L Can	05/06/24	465139	L2422929-02	Pass	-29.0	-6.3	-	-	-	-
L2425675-04	SG-4	0324	Flow 1	05/06/24	465139		-	-	-	Pass	39.8	46	14
L2425675-04	SG-4	3292	6.0L Can	05/06/24	465139	L2422929-02	Pass	-29.0	-5.7	-	-	-	-
L2425675-05	SG-5	02161	Flow 1	05/06/24	465139		-	-	-	Pass	40.0	52	26
L2425675-05	SG-5	2843	6.0L Can	05/06/24	465139	L2422929-02	Pass	-29.0	-8.0	-	-	-	-
L2425675-06	SG-6	02338	Flow 1	05/06/24	465139		-	-	-	Pass	39.7	50	23
L2425675-06	SG-6	2781	6.0L Can	05/06/24	465139	L2422929-02	Pass	-29.0	-8.5	-	-	-	-
L2425675-07	SG-7	01523	Flow 2	05/06/24	465139		-	-	-	Pass	40.0	49	20
L2425675-07	SG-7	936	6.0L Can	05/06/24	465139	L2422929-02	Pass	-29.0	-5.7	-	-	-	-
L2425675-08	SG-8	01798	Flow 2	05/06/24	465139		-	-	-	Pass	40.0	47	16

Project Name: SMP

Project Number: 12.0076761.20

Lab Number: L2425675

Report Date: 05/30/24

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
L2425675-08	SG-8	787	6.0L Can	05/06/24	465139	L2422929-02	Pass	-29.0	-5.7	-	-	-	-
L2425675-09	DUP	02138	Flow 2	05/06/24	465139		-	-	-	Pass	40.1	49	20
L2425675-09	DUP	2449	6.0L Can	05/06/24	465139	L2422929-02	Pass	-28.9	-7.2	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2422929
Report Date: 05/30/24

Air Canister Certification Results

Lab ID: L2422929-02
Client ID: CAN 2125 SHELF 36
Sample Location:

Date Collected: 04/25/24 18:00
Date Received: 04/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 04/27/24 20:01
Analyst: TJS

	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: L2422929
Report Date: 05/30/24

Air Canister Certification Results

Lab ID: L2422929-02
Client ID: CAN 2125 SHELF 36
Sample Location:

Date Collected: 04/25/24 18:00
Date Received: 04/26/24
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: L2422929
Report Date: 05/30/24

Air Canister Certification Results

Lab ID: L2422929-02
Client ID: CAN 2125 SHELF 36
Sample Location:

Date Collected: 04/25/24 18:00
Date Received: 04/26/24
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: L2422929
Report Date: 05/30/24

Air Canister Certification Results

Lab ID: L2422929-02
Client ID: CAN 2125 SHELF 36
Sample Location:

Date Collected: 04/25/24 18:00
Date Received: 04/26/24
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: L2422929
Report Date: 05/30/24

Air Canister Certification Results

Lab ID: L2422929-02
Client ID: CAN 2125 SHELF 36
Sample Location:

Date Collected: 04/25/24 18:00
Date Received: 04/26/24
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	94		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2422929
Report Date: 05/30/24

Air Canister Certification Results

Lab ID: L2422929-02
Client ID: CAN 2125 SHELF 36
Sample Location:

Date Collected: 04/25/24 18:00
Date Received: 04/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 04/27/24 20:01
Analyst: TJS

	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: L2422929
Report Date: 05/30/24

Air Canister Certification Results

Lab ID: L2422929-02
Client ID: CAN 2125 SHELF 36
Sample Location:

Date Collected: 04/25/24 18:00
Date Received: 04/26/24
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: L2422929
Report Date: 05/30/24

Air Canister Certification Results

Lab ID: L2422929-02
Client ID: CAN 2125 SHELF 36
Sample Location:

Date Collected: 04/25/24 18:00
Date Received: 04/26/24
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	95		60-140
chlorobenzene-d5	93		60-140

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2425675
Report Date: 05/30/24

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(*)
L2425675-01A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2425675-02A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2425675-03A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2425675-04A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2425675-05A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2425675-06A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2425675-07A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2425675-08A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2425675-09A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	SMP	**Lab Number:**	L2425675
Project Number:	12.0076761.20	**Report Date:**	05/30/24

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:	SMP	**Lab Number:**	L2425675
Project Number:	12.0076761.20	**Report Date:**	05/30/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report

Project Name:	SMP	**Lab Number:**	L2425675
Project Number:	12.0076761.20	**Report Date:**	05/30/24

Data Qualifiers

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: Data Usability Report

Project Name:	SMP	**Lab Number:**	L2425675
Project Number:	12.0076761.20	**Report Date:**	05/30/24

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

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 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
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.
Nonpotable Water: EPA RSK-175 Dissolved Gases
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 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).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, 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 1

CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 5/10/24

ALPHA Job #: L2425675

Client Information

Client: GZA
Address: 55 Lane Rd., Ste. 407
Fairfield, NJ, 07004
Phone:
Fax:
Email: morgan.mcbride@gza.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: SMP
Project Location: LIC QNS, NYC
Project #: 12.0076761.20
Project Manager: Bhavnesh Parekh
ALPHA Quote #: 7507

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:
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

ANALYSIS

TO-15 | TO-15 SIM | APH (Subject Non-petroleum HCs) ☐ | Fixed Gases | Sulfides & Mercaptans by TO-15

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	TO-15 SIM	APH	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
25675-01	SG-1	5/8/24	12:39	14:59	-29.87	-3.59	SV	DV	6L	2945	02262	X					
-02	SG-2		12:58	15:15	-30.75	-5.80				1827	01857	X					
-03	SG-3		13:20	15:20	-30.29	-4.51				2671	0753	X					
-04	SG-4		13:38	16:04	-30.12	-4.06				3292	0324	X					
-05	SG-5		14:01	16:33	-29.85	-6.64				2843	02161	X					
-06	SG-6		14:24	16:47	-29.92	-6.99				2781	02238	X					
-07	SG-7		14:42	16:50	-30.10	-4.19				936	01523	X					
-08	SG-8		14:57	17:07	-29.07	-4.42				787	01798	X					
-09	DUP		15:02	17:17	-30.60	-5.66				2449	02138	X					

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

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:
Dayann Vinda	5/9/24	Don DAL	5/9/24 1400
Don DAL	5/9/24 1535	Paul Marcella	5/9/24 1645
Paul Marcella	5/9/24		5/9/24 2100
	5/10/24 0155		5/10/24 0155

Form No: 101-02 Rev: (25-Sep-15)

ANALYTICAL REPORT

Lab Number:	L2449467
Client:	GZA GeoEnvironmental, Inc. 55 Lane Road Suite 407 Fairfield, NJ 07004
ATTN:	Morgan McBride
Phone:	(973) 774-3300
Project Name:	SMP
Project Number:	12.0076761.20
Report Date:	09/17/24

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-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449467
Report Date: 09/17/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2449467-01	SMP-SG-1	SOIL_VAPOR	37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY	08/28/24 10:42	08/29/24
L2449467-02	SMP-SG-2	SOIL_VAPOR	37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY	08/28/24 11:11	08/29/24
L2449467-03	SMP-SG-3	SOIL_VAPOR	37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY	08/28/24 11:27	08/29/24
L2449467-04	SMP-SG-4	SOIL_VAPOR	37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY	08/28/24 11:42	08/29/24
L2449467-05	SMP-SG-5	SOIL_VAPOR	37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY	08/28/24 12:19	08/29/24
L2449467-06	SMP-SG-6	SOIL_VAPOR	37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY	08/28/24 13:08	08/29/24
L2449467-07	SMP-SG-7	SOIL_VAPOR	37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY	08/28/24 12:55	08/29/24
L2449467-08	SMP-SG-8	SOIL_VAPOR	37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY	08/28/24 12:48	08/29/24
L2449467-09	SMP-SG-DUP	SOIL_VAPOR	37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY	08/28/24 12:51	08/29/24

Project Name:	SMP	**Lab Number:**	L2449467
Project Number:	12.0076761.20	**Report Date:**	09/17/24

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 and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet 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: SMP **Lab Number:** L2449467
Project Number: 12.0076761.20 **Report Date:** 09/17/24

Case Narrative (continued)

Volatile Organics in Air
Canisters were released from the laboratory on August 23, 2024. The canister certification data is provided as an addendum.

L2449467-03D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2449467-03: 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.

L2449467-04D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2449467-05D2: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2449467-05D: 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.

L2449467-06: 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)

Project Name:	SMP	**Lab Number:**	L2449467
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Case Narrative (continued)

that exceeded the calibration range.

L2449467-06D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2449467-08D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

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: Christopher J. Anderson

Title: Technical Director/Representative Date: 09/17/24

AIR

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449467
Report Date: 09/17/24

SAMPLE RESULTS

Lab ID: L2449467-01
Client ID: SMP-SG-1
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY
Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/14/24 19:00
Analyst: KJD

Date Collected: 08/28/24 10:42
Date Received: 08/29/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.455	0.200	--	2.25	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	3.12	1.00	--	7.41	2.38	--		1
Trichlorofluoromethane	0.240	0.200	--	1.35	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	0.740	0.500	--	2.57	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	0.391	0.200	--	1.58	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	0.482	0.200	--	1.91	0.793	--		1

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449467
Report Date: 09/17/24

SAMPLE RESULTS

Lab ID: L2449467-01
Client ID: SMP-SG-1
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY

Date Collected: 08/28/24 10:42
Date Received: 08/29/24
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	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
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	0.787	0.200	--	4.29	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	5.56	0.200	--	29.9	1.07	--		1
2,2,4-Trimethylpentane	0.248	0.200	--	1.16	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

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449467
Report Date: 09/17/24

SAMPLE RESULTS

Lab ID: L2449467-01
Client ID: SMP-SG-1
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY

Date Collected: 08/28/24 10:42
Date Received: 08/29/24
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	0.400	--	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
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
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	103		60-140
Bromochloromethane	102		60-140
chlorobenzene-d5	102		60-140

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449467
Report Date: 09/17/24

SAMPLE RESULTS

Lab ID: L2449467-02
Client ID: SMP-SG-2
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY
Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/14/24 19:57
Analyst: KJD

Date Collected: 08/28/24 11:11
Date Received: 08/29/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.503	0.200	--	2.49	0.989	--		1
Chloromethane	0.594	0.200	--	1.23	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	0.264	0.200	--	0.697	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	4.81	1.00	--	11.4	2.38	--		1
Trichlorofluoromethane	0.237	0.200	--	1.33	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	0.735	0.500	--	2.17	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2449467
Report Date: 09/17/24

SAMPLE RESULTS

Lab ID: L2449467-02
Client ID: SMP-SG-2
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY
Sample Depth:

Date Collected: 08/28/24 11:11
Date Received: 08/29/24
Field Prep: Not Specified

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	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.606	0.200	--	2.14	0.705	--		1
1,1,1-Trichloroethane	0.219	0.200	--	1.19	1.09	--		1
Benzene	0.262	0.200	--	0.837	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	0.290	0.200	--	1.56	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	1.25	0.200	--	4.71	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

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449467
Report Date: 09/17/24

SAMPLE RESULTS

Lab ID: L2449467-02
Client ID: SMP-SG-2
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY

Date Collected: 08/28/24 11:11
Date Received: 08/29/24
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	0.400	--	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
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
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	101		60-140
Bromochloromethane	102		60-140
chlorobenzene-d5	99		60-140

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449467
Report Date: 09/17/24

SAMPLE RESULTS

Lab ID: L2449467-03
Client ID: SMP-SG-3
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY
Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/14/24 20:54
Analyst: KJD

Date Collected: 08/28/24 11:27
Date Received: 08/29/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.486	0.200	--	2.40	0.989	--		1
Chloromethane	0.271	0.200	--	0.560	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	0.415	0.200	--	1.06	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	1.16	0.200	--	3.06	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	7.03	1.00	--	16.7	2.38	--		1
Trichlorofluoromethane	0.432	0.200	--	2.43	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	0.690	0.200	--	2.74	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	1.64	0.500	--	5.70	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.412	0.200	--	1.28	0.623	--		1
Freon-113	3.04	0.200	--	23.3	1.53	--		1
trans-1,2-Dichloroethene	0.658	0.200	--	2.61	0.793	--		1
1,1-Dichloroethane	28.6	0.200	--	116	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	2.08	0.500	--	6.13	1.47	--		1
cis-1,2-Dichloroethene	15.8	0.200	--	62.6	0.793	--		1

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449467
Report Date: 09/17/24

SAMPLE RESULTS

Lab ID: L2449467-03
Client ID: SMP-SG-3
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY

Date Collected: 08/28/24 11:27
Date Received: 08/29/24
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	0.500	--	ND	1.80	--		1
Chloroform	0.228	0.200	--	1.11	0.977	--		1
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	45.7	0.200	--	249	1.09	--		1
Benzene	0.408	0.200	--	1.30	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	227	0.200	--	1220	1.07	--	E	1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.425	0.200	--	1.74	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	0.288	0.200	--	1.57	1.09	--		1
Toluene	0.230	0.200	--	0.867	0.754	--		1
2-Hexanone	0.210	0.200	--	0.861	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	7.49	0.200	--	50.8	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449467
Report Date: 09/17/24

SAMPLE RESULTS

Lab ID: L2449467-03
Client ID: SMP-SG-3
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY

Date Collected: 08/28/24 11:27
Date Received: 08/29/24
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	0.400	--	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
1,2,4-Trimethylbenzene	0.547	0.200	--	2.69	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	0.285	0.200	--	1.71	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	105		60-140
Bromochloromethane	106		60-140
chlorobenzene-d5	103		60-140

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449467
Report Date: 09/17/24

SAMPLE RESULTS

Lab ID: L2449467-03 D
Client ID: SMP-SG-3
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY
Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/15/24 09:18
Analyst: KJD

Date Collected: 08/28/24 11:27
Date Received: 08/29/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	197	2.00	--	1060	10.7	--		10

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	107		60-140
Bromochloromethane	112		60-140
chlorobenzene-d5	100		60-140

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449467
Report Date: 09/17/24

SAMPLE RESULTS

Lab ID: L2449467-04 D
Client ID: SMP-SG-4
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY
Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/14/24 22:48
Analyst: KJD

Date Collected: 08/28/24 11:42
Date Received: 08/29/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	0.833	--	ND	4.12	--		4.167
Chloromethane	ND	0.833	--	ND	1.72	--		4.167
Freon-114	ND	0.833	--	ND	5.82	--		4.167
Vinyl chloride	5.89	0.833	--	15.1	2.13	--		4.167
1,3-Butadiene	ND	0.833	--	ND	1.84	--		4.167
Bromomethane	ND	0.833	--	ND	3.23	--		4.167
Chloroethane	36.7	0.833	--	96.8	2.20	--		4.167
Ethanol	ND	20.8	--	ND	39.2	--		4.167
Vinyl bromide	ND	0.833	--	ND	3.64	--		4.167
Acetone	4.42	4.17	--	10.5	9.91	--		4.167
Trichlorofluoromethane	15.8	0.833	--	88.8	4.68	--		4.167
Isopropanol	ND	2.08	--	ND	5.11	--		4.167
1,1-Dichloroethene	ND	0.833	--	ND	3.30	--		4.167
Tertiary butyl Alcohol	ND	2.08	--	ND	6.31	--		4.167
Methylene chloride	ND	2.08	--	ND	7.23	--		4.167
3-Chloropropene	ND	0.833	--	ND	2.61	--		4.167
Carbon disulfide	ND	0.833	--	ND	2.59	--		4.167
Freon-113	26.6	0.833	--	204	6.38	--		4.167
trans-1,2-Dichloroethene	1.18	0.833	--	4.68	3.30	--		4.167
1,1-Dichloroethane	306	0.833	--	1240	3.37	--		4.167
Methyl tert butyl ether	ND	0.833	--	ND	3.00	--		4.167
2-Butanone	ND	2.08	--	ND	6.13	--		4.167
cis-1,2-Dichloroethene	59.9	0.833	--	237	3.30	--		4.167

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449467
Report Date: 09/17/24

SAMPLE RESULTS

Lab ID: L2449467-04 D
Client ID: SMP-SG-4
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY

Date Collected: 08/28/24 11:42
Date Received: 08/29/24
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	2.08	--	ND	7.50	--		4.167
Chloroform	ND	0.833	--	ND	4.07	--		4.167
Tetrahydrofuran	ND	2.08	--	ND	6.13	--		4.167
1,2-Dichloroethane	ND	0.833	--	ND	3.37	--		4.167
n-Hexane	0.979	0.833	--	3.45	2.94	--		4.167
1,1,1-Trichloroethane	319	0.833	--	1740	4.54	--		4.167
Benzene	ND	0.833	--	ND	2.66	--		4.167
Carbon tetrachloride	ND	0.833	--	ND	5.24	--		4.167
Cyclohexane	ND	0.833	--	ND	2.87	--		4.167
1,2-Dichloropropane	ND	0.833	--	ND	3.85	--		4.167
Bromodichloromethane	ND	0.833	--	ND	5.58	--		4.167
1,4-Dioxane	ND	0.833	--	ND	3.00	--		4.167
Trichloroethene	33.9	0.833	--	182	4.48	--		4.167
2,2,4-Trimethylpentane	ND	0.833	--	ND	3.89	--		4.167
Heptane	ND	0.833	--	ND	3.41	--		4.167
cis-1,3-Dichloropropene	ND	0.833	--	ND	3.78	--		4.167
4-Methyl-2-pentanone	ND	2.08	--	ND	8.52	--		4.167
trans-1,3-Dichloropropene	ND	0.833	--	ND	3.78	--		4.167
1,1,2-Trichloroethane	ND	0.833	--	ND	4.54	--		4.167
Toluene	ND	0.833	--	ND	3.14	--		4.167
2-Hexanone	ND	0.833	--	ND	3.41	--		4.167
Dibromochloromethane	ND	0.833	--	ND	7.10	--		4.167
1,2-Dibromoethane	ND	0.833	--	ND	6.40	--		4.167
Tetrachloroethene	6.10	0.833	--	41.4	5.65	--		4.167
Chlorobenzene	ND	0.833	--	ND	3.84	--		4.167
Ethylbenzene	ND	0.833	--	ND	3.62	--		4.167

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2449467
Report Date: 09/17/24

SAMPLE RESULTS

Lab ID: L2449467-04 D
Client ID: SMP-SG-4
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY
Sample Depth:

Date Collected: 08/28/24 11:42
Date Received: 08/29/24
Field Prep: Not Specified

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	1.67	--	ND	7.25	--		4.167
Bromoform	ND	0.833	--	ND	8.61	--		4.167
Styrene	ND	0.833	--	ND	3.55	--		4.167
1,1,2,2-Tetrachloroethane	ND	0.833	--	ND	5.72	--		4.167
o-Xylene	ND	0.833	--	ND	3.62	--		4.167
4-Ethyltoluene	ND	0.833	--	ND	4.10	--		4.167
1,3,5-Trimethylbenzene	ND	0.833	--	ND	4.10	--		4.167
1,2,4-Trimethylbenzene	ND	0.833	--	ND	4.10	--		4.167
Benzyl chloride	ND	0.833	--	ND	4.31	--		4.167
1,3-Dichlorobenzene	ND	0.833	--	ND	5.01	--		4.167
1,4-Dichlorobenzene	ND	0.833	--	ND	5.01	--		4.167
1,2-Dichlorobenzene	ND	0.833	--	ND	5.01	--		4.167
1,2,4-Trichlorobenzene	ND	0.833	--	ND	6.18	--		4.167
Naphthalene	ND	0.833	--	ND	4.37	--		4.167
Hexachlorobutadiene	ND	0.833	--	ND	8.89	--		4.167

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	109		60-140
Bromochloromethane	111		60-140
chlorobenzene-d5	102		60-140

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449467
Report Date: 09/17/24

SAMPLE RESULTS

Lab ID: L2449467-05 D
Client ID: SMP-SG-5
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY
Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/14/24 23:45
Analyst: KJD

Date Collected: 08/28/24 12:19
Date Received: 08/29/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	4.54	--	ND	22.4	--		22.69
Chloromethane	ND	4.54	--	ND	9.38	--		22.69
Freon-114	ND	4.54	--	ND	31.7	--		22.69
Vinyl chloride	ND	4.54	--	ND	11.6	--		22.69
1,3-Butadiene	ND	4.54	--	ND	10.0	--		22.69
Bromomethane	ND	4.54	--	ND	17.6	--		22.69
Chloroethane	163	4.54	--	430	12.0	--		22.69
Ethanol	ND	113	--	ND	213	--		22.69
Vinyl bromide	ND	4.54	--	ND	19.8	--		22.69
Acetone	ND	22.7	--	ND	53.9	--		22.69
Trichlorofluoromethane	ND	4.54	--	ND	25.5	--		22.69
Isopropanol	ND	11.3	--	ND	27.8	--		22.69
1,1-Dichloroethene	ND	4.54	--	ND	18.0	--		22.69
Tertiary butyl Alcohol	ND	11.3	--	ND	34.3	--		22.69
Methylene chloride	ND	11.3	--	ND	39.3	--		22.69
3-Chloropropene	ND	4.54	--	ND	14.2	--		22.69
Carbon disulfide	ND	4.54	--	ND	14.1	--		22.69
Freon-113	40.8	4.54	--	313	34.8	--		22.69
trans-1,2-Dichloroethene	8.12	4.54	--	32.2	18.0	--		22.69
1,1-Dichloroethane	2760	4.54	--	11200	18.4	--	E	22.69
Methyl tert butyl ether	ND	4.54	--	ND	16.4	--		22.69
2-Butanone	ND	11.3	--	ND	33.3	--		22.69
cis-1,2-Dichloroethene	756	4.54	--	3000	18.0	--		22.69

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2449467
Report Date: 09/17/24

SAMPLE RESULTS

Lab ID: L2449467-05 D
Client ID: SMP-SG-5
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY
Sample Depth:

Date Collected: 08/28/24 12:19
Date Received: 08/29/24
Field Prep: Not Specified

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	11.3	--	ND	40.7	--		22.69
Chloroform	ND	4.54	--	ND	22.2	--		22.69
Tetrahydrofuran	ND	11.3	--	ND	33.3	--		22.69
1,2-Dichloroethane	ND	4.54	--	ND	18.4	--		22.69
n-Hexane	ND	4.54	--	ND	16.0	--		22.69
1,1,1-Trichloroethane	1800	4.54	--	9820	24.8	--		22.69
Benzene	ND	4.54	--	ND	14.5	--		22.69
Carbon tetrachloride	ND	4.54	--	ND	28.6	--		22.69
Cyclohexane	ND	4.54	--	ND	15.6	--		22.69
1,2-Dichloropropane	ND	4.54	--	ND	21.0	--		22.69
Bromodichloromethane	ND	4.54	--	ND	30.4	--		22.69
1,4-Dioxane	ND	4.54	--	ND	16.4	--		22.69
Trichloroethene	218	4.54	--	1170	24.4	--		22.69
2,2,4-Trimethylpentane	ND	4.54	--	ND	21.2	--		22.69
Heptane	ND	4.54	--	ND	18.6	--		22.69
cis-1,3-Dichloropropene	ND	4.54	--	ND	20.6	--		22.69
4-Methyl-2-pentanone	ND	11.3	--	ND	46.3	--		22.69
trans-1,3-Dichloropropene	ND	4.54	--	ND	20.6	--		22.69
1,1,2-Trichloroethane	ND	4.54	--	ND	24.8	--		22.69
Toluene	4.74	4.54	--	17.9	17.1	--		22.69
2-Hexanone	ND	4.54	--	ND	18.6	--		22.69
Dibromochloromethane	ND	4.54	--	ND	38.7	--		22.69
1,2-Dibromoethane	ND	4.54	--	ND	34.9	--		22.69
Tetrachloroethene	18.8	4.54	--	127	30.8	--		22.69
Chlorobenzene	ND	4.54	--	ND	20.9	--		22.69
Ethylbenzene	ND	4.54	--	ND	19.7	--		22.69

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2449467
Report Date: 09/17/24

SAMPLE RESULTS

Lab ID: L2449467-05 D
Client ID: SMP-SG-5
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY
Sample Depth:

Date Collected: 08/28/24 12:19
Date Received: 08/29/24
Field Prep: Not Specified

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	9.08	--	ND	39.4	--		22.69
Bromoform	ND	4.54	--	ND	46.9	--		22.69
Styrene	ND	4.54	--	ND	19.3	--		22.69
1,1,2,2-Tetrachloroethane	ND	4.54	--	ND	31.2	--		22.69
o-Xylene	ND	4.54	--	ND	19.7	--		22.69
4-Ethyltoluene	ND	4.54	--	ND	22.3	--		22.69
1,3,5-Trimethylbenzene	ND	4.54	--	ND	22.3	--		22.69
1,2,4-Trimethylbenzene	ND	4.54	--	ND	22.3	--		22.69
Benzyl chloride	ND	4.54	--	ND	23.5	--		22.69
1,3-Dichlorobenzene	ND	4.54	--	ND	27.3	--		22.69
1,4-Dichlorobenzene	ND	4.54	--	ND	27.3	--		22.69
1,2-Dichlorobenzene	ND	4.54	--	ND	27.3	--		22.69
1,2,4-Trichlorobenzene	ND	4.54	--	ND	33.7	--		22.69
Naphthalene	ND	4.54	--	ND	23.8	--		22.69
Hexachlorobutadiene	ND	4.54	--	ND	48.4	--		22.69

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	117		60-140
Bromochloromethane	118		60-140
chlorobenzene-d5	109		60-140

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2449467
Report Date: 09/17/24

SAMPLE RESULTS

Lab ID: L2449467-05 D2
Client ID: SMP-SG-5
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY
Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/16/24 19:40
Analyst: JMB

Date Collected: 08/28/24 12:19
Date Received: 08/29/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
1,1-Dichloroethane	1710	7.56	--	6920	30.6	--		37.82

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

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2449467
Report Date: 09/17/24

SAMPLE RESULTS

Lab ID: L2449467-06
Client ID: SMP-SG-6
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY
Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/15/24 00:42
Analyst: KJD

Date Collected: 08/28/24 13:08
Date Received: 08/29/24
Field Prep: Not Specified

	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	0.253	0.200	--	0.522	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	0.921	0.200	--	2.43	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	15.2	1.00	--	36.1	2.38	--		1
Trichlorofluoromethane	0.452	0.200	--	2.54	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	0.701	0.500	--	2.44	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.709	0.200	--	2.21	0.623	--		1
Freon-113	0.813	0.200	--	6.23	1.53	--		1
trans-1,2-Dichloroethene	0.856	0.200	--	3.39	0.793	--		1
1,1-Dichloroethane	26.9	0.200	--	109	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	2.50	0.500	--	7.37	1.47	--		1
cis-1,2-Dichloroethene	11.8	0.200	--	46.8	0.793	--		1

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449467
Report Date: 09/17/24

SAMPLE RESULTS

Lab ID: L2449467-06
Client ID: SMP-SG-6
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY

Date Collected: 08/28/24 13:08
Date Received: 08/29/24
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	0.500	--	ND	1.80	--		1
Chloroform	1.06	0.200	--	5.18	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	5.61	0.200	--	19.8	0.705	--		1
1,1,1-Trichloroethane	18.1	0.200	--	98.8	1.09	--		1
Benzene	0.213	0.200	--	0.680	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	1.78	0.200	--	6.13	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	108	0.200	--	580	1.07	--	E	1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.379	0.200	--	1.55	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	9.21	0.200	--	34.7	0.754	--		1
2-Hexanone	0.417	0.200	--	1.71	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	1.03	0.200	--	6.98	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449467
Report Date: 09/17/24

SAMPLE RESULTS

Lab ID: L2449467-06
Client ID: SMP-SG-6
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY

Date Collected: 08/28/24 13:08
Date Received: 08/29/24
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	0.400	--	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
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
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	110		60-140
Bromochloromethane	112		60-140
chlorobenzene-d5	104		60-140

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449467
Report Date: 09/17/24

SAMPLE RESULTS

Lab ID: L2449467-06 D
Client ID: SMP-SG-6
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY
Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/16/24 20:21
Analyst: JMB

Date Collected: 08/28/24 13:08
Date Received: 08/29/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	134	1.00	--	720	5.37	--		5

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	93		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	94		60-140

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449467
Report Date: 09/17/24

SAMPLE RESULTS

Lab ID: L2449467-07
Client ID: SMP-SG-7
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY
Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/15/24 01:38
Analyst: KJD

Date Collected: 08/28/24 12:55
Date Received: 08/29/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.497	0.200	--	2.46	0.989	--		1
Chloromethane	0.509	0.200	--	1.05	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	0.228	0.200	--	0.602	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	4.36	1.00	--	10.4	2.38	--		1
Trichlorofluoromethane	0.234	0.200	--	1.31	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	0.241	0.200	--	0.751	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	1.20	0.200	--	4.86	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.40	0.500	--	4.13	1.47	--		1
cis-1,2-Dichloroethene	0.842	0.200	--	3.34	0.793	--		1

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449467
Report Date: 09/17/24

SAMPLE RESULTS

Lab ID: L2449467-07
Client ID: SMP-SG-7
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY

Date Collected: 08/28/24 12:55
Date Received: 08/29/24
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	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.377	0.200	--	1.33	0.705	--		1
1,1,1-Trichloroethane	2.21	0.200	--	12.1	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.289	0.200	--	0.995	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	10.1	0.200	--	54.3	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.334	0.200	--	1.37	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	0.421	0.200	--	2.85	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449467
Report Date: 09/17/24

SAMPLE RESULTS

Lab ID: L2449467-07
Client ID: SMP-SG-7
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY

Date Collected: 08/28/24 12:55
Date Received: 08/29/24
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	0.400	--	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
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
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	108		60-140
Bromochloromethane	111		60-140
chlorobenzene-d5	102		60-140

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449467
Report Date: 09/17/24

SAMPLE RESULTS

Lab ID: L2449467-08 D
Client ID: SMP-SG-8
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY
Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/15/24 02:36
Analyst: KJD

Date Collected: 08/28/24 12:48
Date Received: 08/29/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	27.8	--	ND	137	--		138.9
Chloromethane	ND	27.8	--	ND	57.4	--		138.9
Freon-114	ND	27.8	--	ND	194	--		138.9
Vinyl chloride	ND	27.8	--	ND	71.1	--		138.9
1,3-Butadiene	ND	27.8	--	ND	61.5	--		138.9
Bromomethane	ND	27.8	--	ND	108	--		138.9
Chloroethane	ND	27.8	--	ND	73.4	--		138.9
Ethanol	ND	694	--	ND	1310	--		138.9
Vinyl bromide	ND	27.8	--	ND	122	--		138.9
Acetone	ND	139	--	ND	330	--		138.9
Trichlorofluoromethane	ND	27.8	--	ND	156	--		138.9
Isopropanol	241	69.4	--	592	171	--		138.9
1,1-Dichloroethene	ND	27.8	--	ND	110	--		138.9
Tertiary butyl Alcohol	202	69.4	--	612	210	--		138.9
Methylene chloride	ND	69.4	--	ND	241	--		138.9
3-Chloropropene	ND	27.8	--	ND	87.0	--		138.9
Carbon disulfide	ND	27.8	--	ND	86.6	--		138.9
Freon-113	ND	27.8	--	ND	213	--		138.9
trans-1,2-Dichloroethene	ND	27.8	--	ND	110	--		138.9
1,1-Dichloroethane	244	27.8	--	988	113	--		138.9
Methyl tert butyl ether	ND	27.8	--	ND	100	--		138.9
2-Butanone	ND	69.4	--	ND	205	--		138.9
cis-1,2-Dichloroethene	242	27.8	--	959	110	--		138.9

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449467
Report Date: 09/17/24

SAMPLE RESULTS

Lab ID: L2449467-08 D
Client ID: SMP-SG-8
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY

Date Collected: 08/28/24 12:48
Date Received: 08/29/24
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	69.4	--	ND	250	--		138.9
Chloroform	ND	27.8	--	ND	136	--		138.9
Tetrahydrofuran	ND	69.4	--	ND	205	--		138.9
1,2-Dichloroethane	ND	27.8	--	ND	113	--		138.9
n-Hexane	ND	27.8	--	ND	98.0	--		138.9
1,1,1-Trichloroethane	965	27.8	--	5270	152	--		138.9
Benzene	ND	27.8	--	ND	88.8	--		138.9
Carbon tetrachloride	ND	27.8	--	ND	175	--		138.9
Cyclohexane	ND	27.8	--	ND	95.7	--		138.9
1,2-Dichloropropane	ND	27.8	--	ND	128	--		138.9
Bromodichloromethane	ND	27.8	--	ND	186	--		138.9
1,4-Dioxane	ND	27.8	--	ND	100	--		138.9
Trichloroethene	8680	27.8	--	46600	149	--		138.9
2,2,4-Trimethylpentane	ND	27.8	--	ND	130	--		138.9
Heptane	ND	27.8	--	ND	114	--		138.9
cis-1,3-Dichloropropene	ND	27.8	--	ND	126	--		138.9
4-Methyl-2-pentanone	ND	69.4	--	ND	284	--		138.9
trans-1,3-Dichloropropene	ND	27.8	--	ND	126	--		138.9
1,1,2-Trichloroethane	ND	27.8	--	ND	152	--		138.9
Toluene	ND	27.8	--	ND	105	--		138.9
2-Hexanone	ND	27.8	--	ND	114	--		138.9
Dibromochloromethane	ND	27.8	--	ND	237	--		138.9
1,2-Dibromoethane	ND	27.8	--	ND	214	--		138.9
Tetrachloroethene	96.1	27.8	--	652	189	--		138.9
Chlorobenzene	ND	27.8	--	ND	128	--		138.9
Ethylbenzene	ND	27.8	--	ND	121	--		138.9

Project Name: SMP
Project Number: 12.0076761.20
Lab Number: L2449467
Report Date: 09/17/24

SAMPLE RESULTS

Lab ID: L2449467-08 D
Client ID: SMP-SG-8
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY
Sample Depth:

Date Collected: 08/28/24 12:48
Date Received: 08/29/24
Field Prep: Not Specified

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	55.6	--	ND	242	--		138.9
Bromoform	ND	27.8	--	ND	287	--		138.9
Styrene	ND	27.8	--	ND	118	--		138.9
1,1,2,2-Tetrachloroethane	ND	27.8	--	ND	191	--		138.9
o-Xylene	ND	27.8	--	ND	121	--		138.9
4-Ethyltoluene	ND	27.8	--	ND	137	--		138.9
1,3,5-Trimethylbenzene	ND	27.8	--	ND	137	--		138.9
1,2,4-Trimethylbenzene	ND	27.8	--	ND	137	--		138.9
Benzyl chloride	ND	27.8	--	ND	144	--		138.9
1,3-Dichlorobenzene	ND	27.8	--	ND	167	--		138.9
1,4-Dichlorobenzene	ND	27.8	--	ND	167	--		138.9
1,2-Dichlorobenzene	ND	27.8	--	ND	167	--		138.9
1,2,4-Trichlorobenzene	ND	27.8	--	ND	206	--		138.9
Naphthalene	ND	27.8	--	ND	146	--		138.9
Hexachlorobutadiene	ND	27.8	--	ND	297	--		138.9

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	116		60-140
Bromochloromethane	121		60-140
chlorobenzene-d5	110		60-140

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449467
Report Date: 09/17/24

SAMPLE RESULTS

Lab ID: L2449467-09
Client ID: SMP-SG-DUP
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY
Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/15/24 03:33
Analyst: KJD

Date Collected: 08/28/24 12:51
Date Received: 08/29/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.488	0.200	--	2.41	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	0.259	0.200	--	0.683	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	3.07	1.00	--	7.29	2.38	--		1
Trichlorofluoromethane	0.225	0.200	--	1.26	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	0.291	0.200	--	0.906	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	0.489	0.200	--	1.98	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	0.514	0.200	--	2.04	0.793	--		1

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449467
Report Date: 09/17/24

SAMPLE RESULTS

Lab ID: L2449467-09
Client ID: SMP-SG-DUP
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY

Date Collected: 08/28/24 12:51
Date Received: 08/29/24
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	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
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	1.08	0.200	--	5.89	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	6.99	0.200	--	37.6	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	0.314	0.200	--	1.18	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	0.221	0.200	--	1.50	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449467
Report Date: 09/17/24

SAMPLE RESULTS

Lab ID: L2449467-09
Client ID: SMP-SG-DUP
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY QUEENS, NY

Date Collected: 08/28/24 12:51
Date Received: 08/29/24
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	0.400	--	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
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
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	109		60-140
Bromochloromethane	114		60-140
chlorobenzene-d5	103		60-140

Project Name: SMP
Project Number: 12.0076761.20
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Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 09/14/24 14:48

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): 01-09 Batch: WG1971709-4								
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: SMP
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Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 09/14/24 14:48

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): 01-09 Batch: WG1971709-4								
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: SMP
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Analytical Method: 48,TO-15
Analytical Date: 09/14/24 14:48

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): 01-09 Batch: WG1971709-4								
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
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

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Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 09/16/24 13:13

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): 05-06 Batch: WG1972248-4								
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

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Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 09/16/24 13:13

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): 05-06 Batch: WG1972248-4								
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: SMP
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Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 09/16/24 13:13

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): 05-06 Batch: WG1972248-4								
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
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449467
Report Date: 09/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-09 Batch: WG1971709-3								
Dichlorodifluoromethane	96		-		70-130	-		
Chloromethane	95		-		70-130	-		
Freon-114	97		-		70-130	-		
Vinyl chloride	99		-		70-130	-		
1,3-Butadiene	99		-		70-130	-		
Bromomethane	96		-		70-130	-		
Chloroethane	96		-		70-130	-		
Ethanol	105		-		40-160	-		
Vinyl bromide	98		-		70-130	-		
Acetone	94		-		40-160	-		
Trichlorofluoromethane	96		-		70-130	-		
Isopropanol	96		-		40-160	-		
1,1-Dichloroethene	99		-		70-130	-		
Tertiary butyl Alcohol	99		-		70-130	-		
Methylene chloride	99		-		70-130	-		
3-Chloropropene	97		-		70-130	-		
Carbon disulfide	105		-		70-130	-		
Freon-113	97		-		70-130	-		
trans-1,2-Dichloroethene	100		-		70-130	-		
1,1-Dichloroethane	97		-		70-130	-		
Methyl tert butyl ether	100		-		70-130	-		
2-Butanone	99		-		70-130	-		
cis-1,2-Dichloroethene	100		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449467
Report Date: 09/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-09 Batch: WG1971709-3								
Ethyl Acetate	101		-		70-130	-		
Chloroform	99		-		70-130	-		
Tetrahydrofuran	101		-		70-130	-		
1,2-Dichloroethane	95		-		70-130	-		
n-Hexane	101		-		70-130	-		
1,1,1-Trichloroethane	99		-		70-130	-		
Benzene	98		-		70-130	-		
Carbon tetrachloride	100		-		70-130	-		
Cyclohexane	100		-		70-130	-		
1,2-Dichloropropane	100		-		70-130	-		
Bromodichloromethane	104		-		70-130	-		
1,4-Dioxane	103		-		70-130	-		
Trichloroethene	98		-		70-130	-		
2,2,4-Trimethylpentane	100		-		70-130	-		
Heptane	98		-		70-130	-		
cis-1,3-Dichloropropene	100		-		70-130	-		
4-Methyl-2-pentanone	100		-		70-130	-		
trans-1,3-Dichloropropene	101		-		70-130	-		
1,1,2-Trichloroethane	99		-		70-130	-		
Toluene	100		-		70-130	-		
2-Hexanone	103		-		70-130	-		
Dibromochloromethane	110		-		70-130	-		
1,2-Dibromoethane	100		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449467
Report Date: 09/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-09 Batch: WG1971709-3								
Tetrachloroethene	98		-		70-130	-		
Chlorobenzene	98		-		70-130	-		
Ethylbenzene	100		-		70-130	-		
p/m-Xylene	100		-		70-130	-		
Bromoform	112		-		70-130	-		
Styrene	101		-		70-130	-		
1,1,2,2-Tetrachloroethane	101		-		70-130	-		
o-Xylene	100		-		70-130	-		
4-Ethyltoluene	103		-		70-130	-		
1,3,5-Trimethylbenzene	101		-		70-130	-		
1,2,4-Trimethylbenzene	107		-		70-130	-		
Benzyl chloride	118		-		70-130	-		
1,3-Dichlorobenzene	99		-		70-130	-		
1,4-Dichlorobenzene	102		-		70-130	-		
1,2-Dichlorobenzene	100		-		70-130	-		
1,2,4-Trichlorobenzene	116		-		70-130	-		
Naphthalene	108		-		70-130	-		
Hexachlorobutadiene	106		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: SMP
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Lab Number: L2449467
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 05-06 Batch: WG1972248-3								
Dichlorodifluoromethane	111		-		70-130	-		
Chloromethane	105		-		70-130	-		
Freon-114	115		-		70-130	-		
Vinyl chloride	126		-		70-130	-		
1,3-Butadiene	**136**	Q	-		70-130	-		
Bromomethane	114		-		70-130	-		
Chloroethane	81		-		70-130	-		
Ethanol	94		-		40-160	-		
Vinyl bromide	78		-		70-130	-		
Acetone	109		-		40-160	-		
Trichlorofluoromethane	92		-		70-130	-		
Isopropanol	100		-		40-160	-		
1,1-Dichloroethene	96		-		70-130	-		
Tertiary butyl Alcohol	86		-		70-130	-		
Methylene chloride	111		-		70-130	-		
3-Chloropropene	88		-		70-130	-		
Carbon disulfide	84		-		70-130	-		
Freon-113	87		-		70-130	-		
trans-1,2-Dichloroethene	91		-		70-130	-		
1,1-Dichloroethane	83		-		70-130	-		
Methyl tert butyl ether	85		-		70-130	-		
2-Butanone	87		-		70-130	-		
cis-1,2-Dichloroethene	91		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449467
Report Date: 09/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 05-06 Batch: WG1972248-3								
Ethyl Acetate	97		-		70-130	-		
Chloroform	105		-		70-130	-		
Tetrahydrofuran	86		-		70-130	-		
1,2-Dichloroethane	89		-		70-130	-		
n-Hexane	**145**	Q	-		70-130	-		
1,1,1-Trichloroethane	**143**	Q	-		70-130	-		
Benzene	117		-		70-130	-		
Carbon tetrachloride	118		-		70-130	-		
Cyclohexane	**148**	Q	-		70-130	-		
1,2-Dichloropropane	108		-		70-130	-		
Bromodichloromethane	**146**	Q	-		70-130	-		
1,4-Dioxane	**146**	Q	-		70-130	-		
Trichloroethene	128		-		70-130	-		
2,2,4-Trimethylpentane	**143**	Q	-		70-130	-		
Heptane	122		-		70-130	-		
cis-1,3-Dichloropropene	116		-		70-130	-		
4-Methyl-2-pentanone	122		-		70-130	-		
trans-1,3-Dichloropropene	119		-		70-130	-		
1,1,2-Trichloroethane	117		-		70-130	-		
Toluene	98		-		70-130	-		
2-Hexanone	89		-		70-130	-		
Dibromochloromethane	109		-		70-130	-		
1,2-Dibromoethane	79		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449467
Report Date: 09/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 05-06 Batch: WG1972248-3								
Tetrachloroethene	82		-		70-130	-		
Chlorobenzene	80		-		70-130	-		
Ethylbenzene	98		-		70-130	-		
p/m-Xylene	100		-		70-130	-		
Bromoform	99		-		70-130	-		
Styrene	80		-		70-130	-		
1,1,2,2-Tetrachloroethane	103		-		70-130	-		
o-Xylene	104		-		70-130	-		
4-Ethyltoluene	84		-		70-130	-		
1,3,5-Trimethylbenzene	81		-		70-130	-		
1,2,4-Trimethylbenzene	87		-		70-130	-		
Benzyl chloride	109		-		70-130	-		
1,3-Dichlorobenzene	86		-		70-130	-		
1,4-Dichlorobenzene	88		-		70-130	-		
1,2-Dichlorobenzene	83		-		70-130	-		
1,2,4-Trichlorobenzene	94		-		70-130	-		
Naphthalene	89		-		70-130	-		
Hexachlorobutadiene	90		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449467
Report Date: 09/17/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG1971709-5 QC Sample: L2449467-03 Client ID: SMP-SG-3						
Dichlorodifluoromethane	0.486	0.495	ppbV	2		25
Chloromethane	0.271	0.266	ppbV	2		25
Freon-114	ND	ND	ppbV	NC		25
Vinyl chloride	0.415	0.424	ppbV	2		25
1,3-Butadiene	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	1.16	1.13	ppbV	3		25
Ethanol	ND	ND	ppbV	NC		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	7.03	7.07	ppbV	1		25
Trichlorofluoromethane	0.432	0.434	ppbV	0		25
Isopropanol	ND	ND	ppbV	NC		25
1,1-Dichloroethene	0.690	0.670	ppbV	3		25
Tertiary butyl Alcohol	ND	ND	ppbV	NC		25
Methylene chloride	1.64	1.96	ppbV	18		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	0.412	0.419	ppbV	2		25
Freon-113	3.04	3.12	ppbV	3		25
trans-1,2-Dichloroethene	0.658	0.651	ppbV	1		25
1,1-Dichloroethane	28.6	28.9	ppbV	1		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449467
Report Date: 09/17/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG1971709-5 QC Sample: L2449467-03 Client ID: SMP-SG-3						
2-Butanone	2.08	2.10	ppbV	1		25
cis-1,2-Dichloroethene	15.8	16.1	ppbV	2		25
Ethyl Acetate	ND	ND	ppbV	NC		25
Chloroform	0.228	0.217	ppbV	5		25
Tetrahydrofuran	ND	ND	ppbV	NC		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	45.7	46.6	ppbV	2		25
Benzene	0.408	0.419	ppbV	3		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	197	231E	ppbV	2		25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC		25
Heptane	0.425	0.442	ppbV	4		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	0.288	0.300	ppbV	4		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449467
Report Date: 09/17/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG1971709-5 QC Sample: L2449467-03 Client ID: SMP-SG-3						
Toluene	0.230	0.235	ppbV	2		25
2-Hexanone	0.210	ND	ppbV	NC		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Tetrachloroethene	7.49	7.63	ppbV	2		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	ND	ND	ppbV	NC		25
p/m-Xylene	ND	ND	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	0.547	0.551	ppbV	1		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	0.285	0.288	ppbV	1		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Naphthalene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449467
Report Date: 09/17/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG1971709-5 QC Sample: L2449467-03 Client ID: SMP-SG-3						
Hexachlorobutadiene	ND	ND	ppbV	NC		25
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG1971709-5 QC Sample: L2449467-03 Client ID: SMP-SG-3						
Trichloroethene	227E	200	ppbV	2		25

Project Name: SMP

Project Number: 12.0076761.20

Lab Number: L2449467

Report Date: 09/17/24

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
L2449467-01	SMP-SG-1	01962	Flow 2	08/23/24	481627		-	-	-	Pass	40.0	39.0	3
L2449467-01	SMP-SG-1	942	6.0L Can	08/23/24	481627	L2447241-03	Pass	-29.6	-4.6	-	-	-	-
L2449467-02	SMP-SG-2	0927	Flow 2	08/23/24	481627		-	-	-	Pass	40.0	39.0	3
L2449467-02	SMP-SG-2	3383	6.0L Can	08/23/24	481627	L2447241-03	Pass	-29.7	-7.6	-	-	-	-
L2449467-03	SMP-SG-3	1012	Flow 2	08/23/24	481627		-	-	-	Pass	40.0	39.5	1
L2449467-03	SMP-SG-3	1658	6.0L Can	08/23/24	481627	L2447241-03	Pass	-29.6	-7.6	-	-	-	-
L2449467-04	SMP-SG-4	01132	Flow 2	08/23/24	481627		-	-	-	Pass	40.1	40.5	1
L2449467-04	SMP-SG-4	2650	6.0L Can	08/23/24	481627	L2447241-03	Pass	-29.7	-2.9	-	-	-	-
L2449467-05	SMP-SG-5	01160	Flow 2	08/23/24	481627		-	-	-	Pass	40.0	40.0	0
L2449467-05	SMP-SG-5	900	6.0L Can	08/23/24	481627	L2447241-03	Pass	-29.6	-7.0	-	-	-	-
L2449467-06	SMP-SG-6	01616	Flow 2	08/23/24	481627		-	-	-	Pass	40.2	41.0	2
L2449467-06	SMP-SG-6	2779	6.0L Can	08/23/24	481627	L2447241-03	Pass	-29.7	-6.3	-	-	-	-
L2449467-07	SMP-SG-7	01766	Flow 2	08/23/24	481627		-	-	-	Pass	40.0	38.0	5
L2449467-07	SMP-SG-7	3397	6.0L Can	08/23/24	481627	L2447241-03	Pass	-29.6	-7.1	-	-	-	-
L2449467-08	SMP-SG-8	01451	Flow 2	08/23/24	481627		-	-	-	Pass	40.0	39.5	1

Project Name: SMP

Project Number: 12.0076761.20

Lab Number: L2449467

Report Date: 09/17/24

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
L2449467-08	SMP-SG-8	2947	6.0L Can	08/23/24	481627	L2447241-03	Pass	-29.6	-6.6	-	-	-	-
L2449467-09	SMP-SG-DUP	01439	Flow 2	08/23/24	481627		-	-	-	Pass	40.0	40.0	0
L2449467-09	SMP-SG-DUP	3345	6.0L Can	08/23/24	481627	L2447241-03	Pass	-29.7	-6.6	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2447241
Report Date: 09/17/24

Air Canister Certification Results

Lab ID: L2447241-03
Client ID: CAN 2047 SHELF 56
Sample Location:

Date Collected: 08/19/24 10:00
Date Received: 08/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 08/20/24 21:02
Analyst: JFI

	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: L2447241
Report Date: 09/17/24

Air Canister Certification Results

Lab ID: L2447241-03
Client ID: CAN 2047 SHELF 56
Sample Location:

Date Collected: 08/19/24 10:00
Date Received: 08/20/24
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: L2447241
Report Date: 09/17/24

Air Canister Certification Results

Lab ID: L2447241-03
Client ID: CAN 2047 SHELF 56
Sample Location:

Date Collected: 08/19/24 10:00
Date Received: 08/20/24
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: L2447241
Report Date: 09/17/24

Air Canister Certification Results

Lab ID: L2447241-03
Client ID: CAN 2047 SHELF 56
Sample Location:

Date Collected: 08/19/24 10:00
Date Received: 08/20/24
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: L2447241
Report Date: 09/17/24

Air Canister Certification Results

Lab ID: L2447241-03
Client ID: CAN 2047 SHELF 56
Sample Location:

Date Collected: 08/19/24 10:00
Date Received: 08/20/24
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	100		60-140
Bromochloromethane	102		60-140
chlorobenzene-d5	77		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2447241
Report Date: 09/17/24

Air Canister Certification Results

Lab ID: L2447241-03
Client ID: CAN 2047 SHELF 56
Sample Location:

Date Collected: 08/19/24 10:00
Date Received: 08/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 08/20/24 21:02
Analyst: JFI

	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: L2447241
Report Date: 09/17/24

Air Canister Certification Results

Lab ID: L2447241-03
Client ID: CAN 2047 SHELF 56
Sample Location:

Date Collected: 08/19/24 10:00
Date Received: 08/20/24
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 **Lab Number:** L2447241

Project Number: CANISTER QC BAT **Report Date:** 09/17/24

Air Canister Certification Results

Lab ID: L2447241-03
Client ID: CAN 2047 SHELF 56
Sample Location:

Date Collected: 08/19/24 10:00
Date Received: 08/20/24
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	100		60-140
bromochloromethane	103		60-140
chlorobenzene-d5	83		60-140

Project Name: SMP
Project Number: 12.0076761.20

Lab Number: L2449467
Report Date: 09/17/24

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(*)
L2449467-01A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2449467-02A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2449467-03A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2449467-04A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2449467-05A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2449467-06A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2449467-07A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2449467-08A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2449467-09A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	SMP	**Lab Number:**	L2449467
Project Number:	12.0076761.20	**Report Date:**	09/17/24

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:	SMP	**Lab Number:**	L2449467
Project Number:	12.0076761.20	**Report Date:**	09/17/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report

Project Name:	SMP	**Lab Number:**	L2449467
Project Number:	12.0076761.20	**Report Date:**	09/17/24

Data Qualifiers

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: Data Usability Report

Project Name:	SMP	**Lab Number:**	L2449467
Project Number:	12.0076761.20	**Report Date:**	09/17/24

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

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 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
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.
Nonpotable Water: EPA RSK-175 Dissolved Gases
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 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).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, 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 1

CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 8/29/24

ALPHA Job #: L2449467

Client Information

Client: GZA GeoEnvironmental
Address: 55 Lane Rd, ste 407
Fairfield, NJ 07004
Phone: 973-774-3306
Fax:
Email: morgan.mcbride@gza.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: SMP
Project Location: 3218 Northern Blvd, Long Island City, Queens, NY
Project #: 12.0076781.20
Project Manager: Morgan McBride
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:
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

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	TO-15 SIM	APH (Subtract Non-petroleum HCs ☐)	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
49467-01	SMP-SG-1	8/28/24	08:42	10:42	-29.80	-3.53	SV	PM	6L	942	01762	X					
02	SMP-SG-2		09:11	11:11	-30.37	-5.89		PM		3883	0929	X					
03	SMP-SG-3		09:27	11:27	-30.39	-5.92		PM		1658	1012	X					
04	SMP-SG-4		09:42	11:42	-30.61	-0.90		PM		2650	01132	X					
05	SMP-SG-5		10:19	12:19	-30.34	-5.53		PM		900	01160	X					
06	SMP-SG-6		11:08	13:08	-30.18	-4.45		PM		2779	01616	X					
07	SMP-SG-7		09:55	12:55	-30.21	-5.20		PM		3317	01766	X					
08	SMP-SG-8		10:43	12:43	-30.32	-5.15		PM		2947	01451	X					
09	SMP-SG-DUP		10:51	12:51	-30.23	-4.27		PM		3345	01439	X					

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: 6S

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
	8/28/24 1700		8/29/24 1100
	8/28/24 1810	Jamie Dolly	8/29/24 1650
Chris Pace	8/29/24		8/29/24 2100

ANALYTICAL REPORT

Lab Number:	L2464558
Client:	Langan Engineering & Environmental 300 Kimball Drive 4th Floor Parsippany, NJ 07054
ATTN:	Matthew Del Balzo
Phone:	(973) 560-4900
Project Name:	SMP-STANDARD MOTOR PRODUCTS
Project Number:	170861201
Report Date:	11/12/24

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-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201

Lab Number: L2464558
Report Date: 11/12/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2464558-01	SMP_SG-6_110524	SOIL_VAPOR	37-18 NORTHERN BLVD, LONG ISLAND CITY, NY	11/05/24 10:54	11/05/24
L2464558-02	SMP_SG-8_110524	SOIL_VAPOR	37-18 NORTHERN BLVD, LONG ISLAND CITY, NY	11/05/24 11:16	11/05/24
L2464558-03	SMP_SG-5_110524	SOIL_VAPOR	37-18 NORTHERN BLVD, LONG ISLAND CITY, NY	11/05/24 11:40	11/05/24
L2464558-04	SMP_SG-7_110524	SOIL_VAPOR	37-18 NORTHERN BLVD, LONG ISLAND CITY, NY	11/05/24 11:47	11/05/24
L2464558-05	SMP_SG-4_110524	SOIL_VAPOR	37-18 NORTHERN BLVD, LONG ISLAND CITY, NY	11/05/24 11:55	11/05/24
L2464558-06	SMP_SG-3_110524	SOIL_VAPOR	37-18 NORTHERN BLVD, LONG ISLAND CITY, NY	11/05/24 12:05	11/05/24
L2464558-07	SMP_SG-2_110524	SOIL_VAPOR	37-18 NORTHERN BLVD, LONG ISLAND CITY, NY	11/05/24 12:12	11/05/24
L2464558-08	SMP_SG-1_110524	SOIL_VAPOR	37-18 NORTHERN BLVD, LONG ISLAND CITY, NY	11/05/24 12:22	11/05/24
L2464558-09	SVDUP01_110524	SOIL_VAPOR	37-18 NORTHERN BLVD, LONG ISLAND CITY, NY	11/05/24 00:00	11/05/24

Project Name:	SMP-STANDARD MOTOR PRODUCTS	**Lab Number:**	L2464558
Project Number:	170861201	**Report Date:**	11/12/24

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 and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet 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:	SMP-STANDARD MOTOR PRODUCTS	**Lab Number:**	L2464558
Project Number:	170861201	**Report Date:**	11/12/24

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on November 1, 2024. The canister certification data is provided as an addendum.

L2464558-01:The quality control sample [CCAL or LCS], associated with L2464558-01, did not meet the acceptance criteria for the full scan analysis. The associated compound(s) for those samples were reported from the SIM analysis.

L2464558-02D: Prior to sample analysis, the canisters were pressurized with UHP Nitrogen. The pressurization resulted in a dilution of the sample. The reporting limits have been elevated accordingly.

L2464558-02D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2464558-02D: The quality control sample [CCAL or LCS], associated with L2464558-02, did not meet the acceptance criteria for the full scan analysis. The associated compound(s) for those samples were reported from the SIM analysis.

L2464558-03D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2464558-03D: 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.

L2464558-03D: The quality control sample [CCAL or LCS], associated with L2464558-03, did not meet the

Project Name:	SMP-STANDARD MOTOR PRODUCTS	**Lab Number:**	L2464558
Project Number:	170861201	**Report Date:**	11/12/24

Case Narrative (continued)

acceptance criteria for the full scan analysis. The associated compound(s) for those samples were reported from the SIM analysis.

L2464558-04: The quality control sample [CCAL or LCS], associated with L2464558-04, did not meet the acceptance criteria for the full scan analysis. The associated compound(s) for those samples were reported from the SIM analysis.

L2464558-05D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2464558-05D: The quality control sample [CCAL or LCS], associated with L2464558-05, did not meet the acceptance criteria for the full scan analysis. The associated compound(s) for those samples were reported from the SIM analysis.

L2464558-06: The quality control sample [CCAL or LCS], associated with L2464558-06, did not meet the acceptance criteria for the full scan analysis. The associated compound(s) for those samples were reported from the SIM analysis.

L2464558-07: The quality control sample [CCAL or LCS], associated with L2464558-07, did not meet the acceptance criteria for the full scan analysis. The associated compound(s) for those samples were reported from the SIM analysis.

L2464558-08: The quality control sample [CCAL or LCS], associated with L2464558-08, did not meet the acceptance criteria for the full scan analysis. The associated compound(s) for those samples were reported from the SIM analysis.

L2464558-09: The quality control sample [CCAL or LCS], associated with L2464558-09, did not meet the

Project Name:	SMP-STANDARD MOTOR PRODUCTS	**Lab Number:**	L2464558
Project Number:	170861201	**Report Date:**	11/12/24

Case Narrative (continued)

acceptance criteria for the full scan analysis. The associated compound(s) for those samples were reported from the SIM analysis.

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: Christopher J. Anderson

Title: Technical Director/Representative Date: 11/12/24

AIR

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464558
Report Date: 11/12/24

SAMPLE RESULTS

Lab ID: L2464558-01
Client ID: SMP_SG-6_110524
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 11/11/24 22:43
Analyst: KJD

Date Collected: 11/05/24 10:54
Date Received: 11/05/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.447	0.200	--	2.21	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
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	2.19	1.00	--	5.20	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	3.75	0.200	--	15.2	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	1.67	0.200	--	6.62	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464558
Report Date: 11/12/24

SAMPLE RESULTS

Lab ID: L2464558-01
Client ID: SMP_SG-6_110524
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:

Date Collected: 11/05/24 10:54
Date Received: 11/05/24
Field Prep: Not Specified

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								
Chloroform	ND	0.200	--	ND	0.977	--		1
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	3.24	0.200	--	17.7	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	23.3	0.200	--	125	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	0.333	0.200	--	1.25	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	0.407	0.400	--	1.77	1.74	--		1

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464558
Report Date: 11/12/24

SAMPLE RESULTS

Lab ID: L2464558-01
Client ID: SMP_SG-6_110524
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:

Date Collected: 11/05/24 10:54
Date Received: 11/05/24
Field Prep: Not Specified

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								
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
Naphthalene	0.204	0.200	--	1.07	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	102		60-140
Bromochloromethane	112		60-140
chlorobenzene-d5	112		60-140

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464558
Report Date: 11/12/24

SAMPLE RESULTS

Lab ID: L2464558-01
Client ID: SMP_SG-6_110524
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/11/24 22:43
Analyst: KJD

Date Collected: 11/05/24 10:54
Date Received: 11/05/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	101		60-140
bromochloromethane	113		60-140
chlorobenzene-d5	109		60-140

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464558
Report Date: 11/12/24

SAMPLE RESULTS

Lab ID: L2464558-02 D
Client ID: SMP_SG-8_110524
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 11/11/24 23:21
Analyst: KJD

Date Collected: 11/05/24 11:16
Date Received: 11/05/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	6.46	--	ND	31.9	--		32.3
Chloromethane	ND	6.46	--	ND	13.3	--		32.3
Freon-114	ND	6.46	--	ND	45.2	--		32.3
Vinyl chloride	ND	6.46	--	ND	16.5	--		32.3
Bromomethane	ND	6.46	--	ND	25.1	--		32.3
Chloroethane	ND	6.46	--	ND	17.0	--		32.3
Ethanol	ND	162	--	ND	305	--		32.3
Vinyl bromide	ND	6.46	--	ND	28.2	--		32.3
Acetone	ND	32.3	--	ND	76.7	--		32.3
Trichlorofluoromethane	ND	6.46	--	ND	36.3	--		32.3
Isopropanol	ND	16.2	--	ND	39.8	--		32.3
1,1-Dichloroethene	ND	6.46	--	ND	25.6	--		32.3
Tertiary butyl Alcohol	ND	16.2	--	ND	49.1	--		32.3
Methylene chloride	ND	16.2	--	ND	56.3	--		32.3
3-Chloropropene	ND	6.46	--	ND	20.2	--		32.3
Carbon disulfide	ND	6.46	--	ND	20.1	--		32.3
Freon-113	ND	6.46	--	ND	49.5	--		32.3
trans-1,2-Dichloroethene	ND	6.46	--	ND	25.6	--		32.3
1,1-Dichloroethane	50.8	6.46	--	206	26.1	--		32.3
Methyl tert butyl ether	ND	6.46	--	ND	23.3	--		32.3
2-Butanone	ND	16.2	--	ND	47.8	--		32.3
cis-1,2-Dichloroethene	60.2	6.46	--	239	25.6	--		32.3
Ethyl Acetate	ND	16.2	--	ND	58.4	--		32.3

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464558
Report Date: 11/12/24

SAMPLE RESULTS

Lab ID: L2464558-02 D
Client ID: SMP_SG-8_110524
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:

Date Collected: 11/05/24 11:16
Date Received: 11/05/24
Field Prep: Not Specified

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								
Chloroform	ND	6.46	--	ND	31.5	--		32.3
Tetrahydrofuran	ND	16.2	--	ND	47.8	--		32.3
1,2-Dichloroethane	ND	6.46	--	ND	26.1	--		32.3
n-Hexane	ND	6.46	--	ND	22.8	--		32.3
1,1,1-Trichloroethane	198	6.46	--	1080	35.2	--		32.3
Benzene	ND	6.46	--	ND	20.6	--		32.3
Carbon tetrachloride	ND	6.46	--	ND	40.6	--		32.3
Cyclohexane	ND	6.46	--	ND	22.2	--		32.3
1,2-Dichloropropane	ND	6.46	--	ND	29.9	--		32.3
Bromodichloromethane	ND	6.46	--	ND	43.3	--		32.3
1,4-Dioxane	ND	6.46	--	ND	23.3	--		32.3
Trichloroethene	2610	6.46	--	14000	34.7	--		32.3
2,2,4-Trimethylpentane	ND	6.46	--	ND	30.2	--		32.3
Heptane	ND	6.46	--	ND	26.5	--		32.3
cis-1,3-Dichloropropene	ND	6.46	--	ND	29.3	--		32.3
4-Methyl-2-pentanone	ND	16.2	--	ND	66.4	--		32.3
trans-1,3-Dichloropropene	ND	6.46	--	ND	29.3	--		32.3
1,1,2-Trichloroethane	ND	6.46	--	ND	35.2	--		32.3
Toluene	ND	6.46	--	ND	24.3	--		32.3
2-Hexanone	ND	6.46	--	ND	26.5	--		32.3
Dibromochloromethane	ND	6.46	--	ND	55.0	--		32.3
1,2-Dibromoethane	ND	6.46	--	ND	49.6	--		32.3
Tetrachloroethene	ND	6.46	--	ND	43.8	--		32.3
Chlorobenzene	ND	6.46	--	ND	29.8	--		32.3
Ethylbenzene	ND	6.46	--	ND	28.1	--		32.3
p/m-Xylene	ND	12.9	--	ND	56.0	--		32.3

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464558
Report Date: 11/12/24

SAMPLE RESULTS

Lab ID: L2464558-02 D
Client ID: SMP_SG-8_110524
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:

Date Collected: 11/05/24 11:16
Date Received: 11/05/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Bromoform	ND	6.46	--	ND	66.8	--		32.3
Styrene	ND	6.46	--	ND	27.5	--		32.3
1,1,2,2-Tetrachloroethane	ND	6.46	--	ND	44.4	--		32.3
o-Xylene	ND	6.46	--	ND	28.1	--		32.3
4-Ethyltoluene	ND	6.46	--	ND	31.8	--		32.3
1,3,5-Trimethylbenzene	ND	6.46	--	ND	31.8	--		32.3
1,2,4-Trimethylbenzene	ND	6.46	--	ND	31.8	--		32.3
Benzyl chloride	ND	6.46	--	ND	33.4	--		32.3
1,3-Dichlorobenzene	ND	6.46	--	ND	38.8	--		32.3
1,4-Dichlorobenzene	ND	6.46	--	ND	38.8	--		32.3
1,2-Dichlorobenzene	ND	6.46	--	ND	38.8	--		32.3
1,2,4-Trichlorobenzene	ND	6.46	--	ND	48.0	--		32.3
Naphthalene	ND	6.46	--	ND	33.9	--		32.3
Hexachlorobutadiene	ND	6.46	--	ND	68.9	--		32.3

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	102		60-140
Bromochloromethane	112		60-140
chlorobenzene-d5	110		60-140

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464558
Report Date: 11/12/24

SAMPLE RESULTS

Lab ID: L2464558-02 D
Client ID: SMP_SG-8_110524
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/11/24 23:21
Analyst: KJD

Date Collected: 11/05/24 11:16
Date Received: 11/05/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
1,3-Butadiene	ND	0.646	--	ND	1.43	--		32.3

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	101		60-140
bromochloromethane	112		60-140
chlorobenzene-d5	108		60-140

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464558
Report Date: 11/12/24

SAMPLE RESULTS

Lab ID: L2464558-03 D
Client ID: SMP_SG-5_110524
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 11/12/24 00:00
Analyst: KJD

Date Collected: 11/05/24 11:40
Date Received: 11/05/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	9.36	--	ND	46.3	--		46.82
Chloromethane	ND	9.36	--	ND	19.3	--		46.82
Freon-114	ND	9.36	--	ND	65.4	--		46.82
Vinyl chloride	11.4	9.36	--	29.1	23.9	--		46.82
Bromomethane	ND	9.36	--	ND	36.3	--		46.82
Chloroethane	169	9.36	--	446	24.7	--		46.82
Ethanol	ND	234	--	ND	441	--		46.82
Vinyl bromide	ND	9.36	--	ND	40.9	--		46.82
Acetone	74.0	46.8	--	176	111	--		46.82
Trichlorofluoromethane	ND	9.36	--	ND	52.6	--		46.82
Isopropanol	ND	23.4	--	ND	57.5	--		46.82
1,1-Dichloroethene	ND	9.36	--	ND	37.1	--		46.82
Tertiary butyl Alcohol	ND	23.4	--	ND	70.9	--		46.82
Methylene chloride	ND	23.4	--	ND	81.3	--		46.82
3-Chloropropene	ND	9.36	--	ND	29.3	--		46.82
Carbon disulfide	ND	9.36	--	ND	29.1	--		46.82
Freon-113	77.3	9.36	--	592	71.7	--		46.82
trans-1,2-Dichloroethene	ND	9.36	--	ND	37.1	--		46.82
1,1-Dichloroethane	2310	9.36	--	9350	37.9	--		46.82
Methyl tert butyl ether	ND	9.36	--	ND	33.7	--		46.82
2-Butanone	ND	23.4	--	ND	69.0	--		46.82
cis-1,2-Dichloroethene	515	9.36	--	2040	37.1	--		46.82
Ethyl Acetate	ND	23.4	--	ND	84.3	--		46.82

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464558
Report Date: 11/12/24

SAMPLE RESULTS

Lab ID: L2464558-03 D
Client ID: SMP_SG-5_110524
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:

Date Collected: 11/05/24 11:40
Date Received: 11/05/24
Field Prep: Not Specified

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								
Chloroform	ND	9.36	--	ND	45.7	--		46.82
Tetrahydrofuran	ND	23.4	--	ND	69.0	--		46.82
1,2-Dichloroethane	ND	9.36	--	ND	37.9	--		46.82
n-Hexane	ND	9.36	--	ND	33.0	--		46.82
1,1,1-Trichloroethane	1790	9.36	--	9770	51.1	--		46.82
Benzene	ND	9.36	--	ND	29.9	--		46.82
Carbon tetrachloride	ND	9.36	--	ND	58.9	--		46.82
Cyclohexane	ND	9.36	--	ND	32.2	--		46.82
1,2-Dichloropropane	ND	9.36	--	ND	43.3	--		46.82
Bromodichloromethane	ND	9.36	--	ND	62.7	--		46.82
1,4-Dioxane	ND	9.36	--	ND	33.7	--		46.82
Trichloroethene	153	9.36	--	822	50.3	--		46.82
2,2,4-Trimethylpentane	ND	9.36	--	ND	43.7	--		46.82
Heptane	ND	9.36	--	ND	38.4	--		46.82
cis-1,3-Dichloropropene	ND	9.36	--	ND	42.5	--		46.82
4-Methyl-2-pentanone	ND	23.4	--	ND	95.9	--		46.82
trans-1,3-Dichloropropene	ND	9.36	--	ND	42.5	--		46.82
1,1,2-Trichloroethane	ND	9.36	--	ND	51.1	--		46.82
Toluene	ND	9.36	--	ND	35.3	--		46.82
2-Hexanone	ND	9.36	--	ND	38.4	--		46.82
Dibromochloromethane	ND	9.36	--	ND	79.7	--		46.82
1,2-Dibromoethane	ND	9.36	--	ND	71.9	--		46.82
Tetrachloroethene	ND	9.36	--	ND	63.5	--		46.82
Chlorobenzene	ND	9.36	--	ND	43.1	--		46.82
Ethylbenzene	ND	9.36	--	ND	40.7	--		46.82
p/m-Xylene	ND	18.7	--	ND	81.2	--		46.82

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464558
Report Date: 11/12/24

SAMPLE RESULTS

Lab ID: L2464558-03 D
Client ID: SMP_SG-5_110524
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:

Date Collected: 11/05/24 11:40
Date Received: 11/05/24
Field Prep: Not Specified

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								
Bromoform	ND	9.36	--	ND	96.8	--		46.82
Styrene	ND	9.36	--	ND	39.9	--		46.82
1,1,2,2-Tetrachloroethane	ND	9.36	--	ND	64.3	--		46.82
o-Xylene	ND	9.36	--	ND	40.7	--		46.82
4-Ethyltoluene	ND	9.36	--	ND	46.0	--		46.82
1,3,5-Trimethylbenzene	ND	9.36	--	ND	46.0	--		46.82
1,2,4-Trimethylbenzene	ND	9.36	--	ND	46.0	--		46.82
Benzyl chloride	ND	9.36	--	ND	48.5	--		46.82
1,3-Dichlorobenzene	ND	9.36	--	ND	56.3	--		46.82
1,4-Dichlorobenzene	ND	9.36	--	ND	56.3	--		46.82
1,2-Dichlorobenzene	ND	9.36	--	ND	56.3	--		46.82
1,2,4-Trichlorobenzene	ND	9.36	--	ND	69.5	--		46.82
Naphthalene	ND	9.36	--	ND	49.1	--		46.82
Hexachlorobutadiene	ND	9.36	--	ND	99.8	--		46.82

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	100		60-140
Bromochloromethane	110		60-140
chlorobenzene-d5	109		60-140

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464558
Report Date: 11/12/24

SAMPLE RESULTS

Lab ID: L2464558-03 D
Client ID: SMP_SG-5_110524
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/12/24 00:00
Analyst: KJD

Date Collected: 11/05/24 11:40
Date Received: 11/05/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
1,3-Butadiene	ND	0.936	--	ND	2.07	--		46.82

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	99		60-140
bromochloromethane	110		60-140
chlorobenzene-d5	106		60-140

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464558
Report Date: 11/12/24

SAMPLE RESULTS

Lab ID: L2464558-04
Client ID: SMP_SG-7_110524
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 11/12/24 00:39
Analyst: KJD

Date Collected: 11/05/24 11:47
Date Received: 11/05/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.449	0.200	--	2.22	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
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	1.34	1.00	--	3.18	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	0.390	0.200	--	1.58	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	0.244	0.200	--	0.967	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464558
Report Date: 11/12/24

SAMPLE RESULTS

Lab ID: L2464558-04
Client ID: SMP_SG-7_110524
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:

Date Collected: 11/05/24 11:47
Date Received: 11/05/24
Field Prep: Not Specified

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								
Chloroform	ND	0.200	--	ND	0.977	--		1
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	0.574	0.200	--	3.13	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	2.85	0.200	--	15.3	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: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464558
Report Date: 11/12/24

SAMPLE RESULTS

Lab ID: L2464558-04
Client ID: SMP_SG-7_110524
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:

Date Collected: 11/05/24 11:47
Date Received: 11/05/24
Field Prep: Not Specified

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								
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
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	102		60-140
Bromochloromethane	112		60-140
chlorobenzene-d5	111		60-140

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464558
Report Date: 11/12/24

SAMPLE RESULTS

Lab ID: L2464558-04
Client ID: SMP_SG-7_110524
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/12/24 00:39
Analyst: KJD

Date Collected: 11/05/24 11:47
Date Received: 11/05/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	100		60-140
bromochloromethane	112		60-140
chlorobenzene-d5	108		60-140

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464558
Report Date: 11/12/24

SAMPLE RESULTS

Lab ID: L2464558-05 D
Client ID: SMP_SG-4_110524
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 11/12/24 01:17
Analyst: KJD

Date Collected: 11/05/24 11:55
Date Received: 11/05/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	2.00	--	ND	9.89	--		10
Chloromethane	ND	2.00	--	ND	4.13	--		10
Freon-114	ND	2.00	--	ND	14.0	--		10
Vinyl chloride	2.88	2.00	--	7.36	5.11	--		10
Bromomethane	ND	2.00	--	ND	7.77	--		10
Chloroethane	36.0	2.00	--	95.0	5.28	--		10
Ethanol	ND	50.0	--	ND	94.2	--		10
Vinyl bromide	ND	2.00	--	ND	8.74	--		10
Acetone	ND	10.0	--	ND	23.8	--		10
Trichlorofluoromethane	38.2	2.00	--	215	11.2	--		10
Isopropanol	ND	5.00	--	ND	12.3	--		10
1,1-Dichloroethene	ND	2.00	--	ND	7.93	--		10
Tertiary butyl Alcohol	ND	5.00	--	ND	15.2	--		10
Methylene chloride	ND	5.00	--	ND	17.4	--		10
3-Chloropropene	ND	2.00	--	ND	6.26	--		10
Carbon disulfide	ND	2.00	--	ND	6.23	--		10
Freon-113	59.9	2.00	--	459	15.3	--		10
trans-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10
1,1-Dichloroethane	342	2.00	--	1380	8.09	--		10
Methyl tert butyl ether	ND	2.00	--	ND	7.21	--		10
2-Butanone	ND	5.00	--	ND	14.7	--		10
cis-1,2-Dichloroethene	59.9	2.00	--	237	7.93	--		10
Ethyl Acetate	ND	5.00	--	ND	18.0	--		10

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464558
Report Date: 11/12/24

SAMPLE RESULTS

Lab ID: L2464558-05 D
Client ID: SMP_SG-4_110524
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:

Date Collected: 11/05/24 11:55
Date Received: 11/05/24
Field Prep: Not Specified

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								
Chloroform	ND	2.00	--	ND	9.77	--		10
Tetrahydrofuran	ND	5.00	--	ND	14.7	--		10
1,2-Dichloroethane	ND	2.00	--	ND	8.09	--		10
n-Hexane	ND	2.00	--	ND	7.05	--		10
1,1,1-Trichloroethane	827	2.00	--	4510	10.9	--		10
Benzene	ND	2.00	--	ND	6.39	--		10
Carbon tetrachloride	ND	2.00	--	ND	12.6	--		10
Cyclohexane	ND	2.00	--	ND	6.88	--		10
1,2-Dichloropropane	ND	2.00	--	ND	9.24	--		10
Bromodichloromethane	ND	2.00	--	ND	13.4	--		10
1,4-Dioxane	ND	2.00	--	ND	7.21	--		10
Trichloroethene	22.9	2.00	--	123	10.7	--		10
2,2,4-Trimethylpentane	ND	2.00	--	ND	9.34	--		10
Heptane	ND	2.00	--	ND	8.20	--		10
cis-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
4-Methyl-2-pentanone	ND	5.00	--	ND	20.5	--		10
trans-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
1,1,2-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Toluene	ND	2.00	--	ND	7.54	--		10
2-Hexanone	ND	2.00	--	ND	8.20	--		10
Dibromochloromethane	ND	2.00	--	ND	17.0	--		10
1,2-Dibromoethane	ND	2.00	--	ND	15.4	--		10
Tetrachloroethene	2.48	2.00	--	16.8	13.6	--		10
Chlorobenzene	ND	2.00	--	ND	9.21	--		10
Ethylbenzene	ND	2.00	--	ND	8.69	--		10
p/m-Xylene	ND	4.00	--	ND	17.4	--		10

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464558
Report Date: 11/12/24

SAMPLE RESULTS

Lab ID: L2464558-05 D
Client ID: SMP_SG-4_110524
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:

Date Collected: 11/05/24 11:55
Date Received: 11/05/24
Field Prep: Not Specified

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								
Bromoform	ND	2.00	--	ND	20.7	--		10
Styrene	ND	2.00	--	ND	8.52	--		10
1,1,2,2-Tetrachloroethane	ND	2.00	--	ND	13.7	--		10
o-Xylene	ND	2.00	--	ND	8.69	--		10
4-Ethyltoluene	ND	2.00	--	ND	9.83	--		10
1,3,5-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
1,2,4-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
Benzyl chloride	ND	2.00	--	ND	10.4	--		10
1,3-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,4-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2,4-Trichlorobenzene	ND	2.00	--	ND	14.8	--		10
Naphthalene	ND	2.00	--	ND	10.5	--		10
Hexachlorobutadiene	ND	2.00	--	ND	21.3	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	101		60-140
Bromochloromethane	111		60-140
chlorobenzene-d5	109		60-140

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464558
Report Date: 11/12/24

SAMPLE RESULTS

Lab ID: L2464558-05 D
Client ID: SMP_SG-4_110524
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/12/24 01:17
Analyst: KJD

Date Collected: 11/05/24 11:55
Date Received: 11/05/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
1,3-Butadiene	ND	0.200	--	ND	0.442	--		10

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	100		60-140
bromochloromethane	111		60-140
chlorobenzene-d5	107		60-140

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464558
Report Date: 11/12/24

SAMPLE RESULTS

Lab ID: L2464558-06
Client ID: SMP_SG-3_110524
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 11/12/24 01:56
Analyst: KJD

Date Collected: 11/05/24 12:05
Date Received: 11/05/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.455	0.200	--	2.25	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
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	5.80	1.00	--	13.8	2.38	--		1
Trichlorofluoromethane	0.206	0.200	--	1.16	1.12	--		1
Isopropanol	0.658	0.500	--	1.62	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	0.565	0.500	--	1.96	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	12.2	0.200	--	93.5	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	8.37	0.200	--	33.9	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.20	0.500	--	3.54	1.47	--		1
cis-1,2-Dichloroethene	2.45	0.200	--	9.71	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464558
Report Date: 11/12/24

SAMPLE RESULTS

Lab ID: L2464558-06
Client ID: SMP_SG-3_110524
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:

Date Collected: 11/05/24 12:05
Date Received: 11/05/24
Field Prep: Not Specified

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								
Chloroform	ND	0.200	--	ND	0.977	--		1
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	9.30	0.200	--	50.7	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	51.2	0.200	--	275	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.210	0.200	--	0.861	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	0.204	0.200	--	0.836	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	0.789	0.200	--	5.35	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: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464558
Report Date: 11/12/24

SAMPLE RESULTS

Lab ID: L2464558-06
Client ID: SMP_SG-3_110524
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:

Date Collected: 11/05/24 12:05
Date Received: 11/05/24
Field Prep: Not Specified

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								
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
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	102		60-140
Bromochloromethane	113		60-140
chlorobenzene-d5	113		60-140

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464558
Report Date: 11/12/24

SAMPLE RESULTS

Lab ID: L2464558-06
Client ID: SMP_SG-3_110524
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/12/24 01:56
Analyst: KJD

Date Collected: 11/05/24 12:05
Date Received: 11/05/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	101		60-140
bromochloromethane	113		60-140
chlorobenzene-d5	110		60-140

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464558
Report Date: 11/12/24

SAMPLE RESULTS

Lab ID: L2464558-07
Client ID: SMP_SG-2_110524
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 11/12/24 02:35
Analyst: KJD

Date Collected: 11/05/24 12:12
Date Received: 11/05/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.437	0.200	--	2.16	0.989	--		1
Chloromethane	0.340	0.200	--	0.702	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		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	5.04	1.00	--	12.0	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	1.34	0.500	--	3.29	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	0.213	0.200	--	1.63	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	0.447	0.200	--	1.81	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	0.576	0.500	--	1.70	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464558
Report Date: 11/12/24

SAMPLE RESULTS

Lab ID: L2464558-07
Client ID: SMP_SG-2_110524
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:

Date Collected: 11/05/24 12:12
Date Received: 11/05/24
Field Prep: Not Specified

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								
Chloroform	ND	0.200	--	ND	0.977	--		1
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	1.12	0.200	--	6.11	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	0.315	0.200	--	1.19	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: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464558
Report Date: 11/12/24

SAMPLE RESULTS

Lab ID: L2464558-07
Client ID: SMP_SG-2_110524
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:

Date Collected: 11/05/24 12:12
Date Received: 11/05/24
Field Prep: Not Specified

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								
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
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	102		60-140
Bromochloromethane	113		60-140
chlorobenzene-d5	112		60-140

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464558
Report Date: 11/12/24

SAMPLE RESULTS

Lab ID: L2464558-07
Client ID: SMP_SG-2_110524
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/12/24 02:35
Analyst: KJD

Date Collected: 11/05/24 12:12
Date Received: 11/05/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	101		60-140
bromochloromethane	114		60-140
chlorobenzene-d5	109		60-140

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464558
Report Date: 11/12/24

SAMPLE RESULTS

Lab ID: L2464558-08
Client ID: SMP_SG-1_110524
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 11/12/24 03:14
Analyst: KJD

Date Collected: 11/05/24 12:22
Date Received: 11/05/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.449	0.200	--	2.22	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
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	3.24	1.00	--	7.70	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

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464558
Report Date: 11/12/24

SAMPLE RESULTS

Lab ID: L2464558-08
Client ID: SMP_SG-1_110524
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:

Date Collected: 11/05/24 12:22
Date Received: 11/05/24
Field Prep: Not Specified

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								
Chloroform	ND	0.200	--	ND	0.977	--		1
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	0.213	0.200	--	1.16	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	1.13	0.200	--	6.07	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: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464558
Report Date: 11/12/24

SAMPLE RESULTS

Lab ID: L2464558-08
Client ID: SMP_SG-1_110524
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:

Date Collected: 11/05/24 12:22
Date Received: 11/05/24
Field Prep: Not Specified

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								
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
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	103		60-140
Bromochloromethane	115		60-140
chlorobenzene-d5	113		60-140

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464558
Report Date: 11/12/24

SAMPLE RESULTS

Lab ID: L2464558-08
Client ID: SMP_SG-1_110524
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/12/24 03:14
Analyst: KJD

Date Collected: 11/05/24 12:22
Date Received: 11/05/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	102		60-140
bromochloromethane	115		60-140
chlorobenzene-d5	110		60-140

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464558
Report Date: 11/12/24

SAMPLE RESULTS

Lab ID: L2464558-09
Client ID: SVDUP01_110524
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 11/12/24 03:52
Analyst: KJD

Date Collected: 11/05/24 00:00
Date Received: 11/05/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.437	0.200	--	2.16	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
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	2.16	1.00	--	5.13	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	3.73	0.200	--	15.1	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	1.66	0.200	--	6.58	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464558
Report Date: 11/12/24

SAMPLE RESULTS

Lab ID: L2464558-09
Client ID: SVDUP01_110524
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:

Date Collected: 11/05/24 00:00
Date Received: 11/05/24
Field Prep: Not Specified

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								
Chloroform	ND	0.200	--	ND	0.977	--		1
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	3.20	0.200	--	17.5	1.09	--		1
Benzene	0.301	0.200	--	0.962	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	23.4	0.200	--	126	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	0.413	0.200	--	1.56	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	0.511	0.400	--	2.22	1.74	--		1

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464558
Report Date: 11/12/24

SAMPLE RESULTS

Lab ID: L2464558-09
Client ID: SVDUP01_110524
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:

Date Collected: 11/05/24 00:00
Date Received: 11/05/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
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	0.221	0.200	--	0.960	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	0.415	0.200	--	2.04	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
Naphthalene	0.312	0.200	--	1.64	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	105		60-140
Bromochloromethane	115		60-140
chlorobenzene-d5	115		60-140

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201

Lab Number: L2464558
Report Date: 11/12/24

SAMPLE RESULTS

Lab ID: L2464558-09
Client ID: SVDUP01_110524
Sample Location: 37-18 NORTHERN BLVD, LONG ISLAND CITY, NY
Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/12/24 03:52
Analyst: KJD

Date Collected: 11/05/24 00:00
Date Received: 11/05/24
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	103		60-140
bromochloromethane	116		60-140
chlorobenzene-d5	112		60-140

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464558

Project Number: 170861201 **Report Date:** 11/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 11/11/24 14:40

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): 01-09 Batch: WG1995923-4								
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: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464558

Project Number: 170861201 **Report Date:** 11/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 11/11/24 14:40

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): 01-09 Batch: WG1995923-4								
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: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464558
Report Date: 11/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 11/11/24 14:40

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): 01-09 Batch: WG1995923-4								
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
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464558
Report Date: 11/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 11/11/24 15:19

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): 01-09 Batch: WG1995924-4								
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: SMP-STANDARD MOTOR PRODUCTS

Project Number: 170861201

Lab Number: L2464558

Report Date: 11/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-09 Batch: WG1995923-3								
Dichlorodifluoromethane	87		-		70-130	-		
Chloromethane	76		-		70-130	-		
Freon-114	84		-		70-130	-		
Vinyl chloride	86		-		70-130	-		
1,3-Butadiene	**69**	Q	-		70-130	-		
Bromomethane	95		-		70-130	-		
Chloroethane	77		-		70-130	-		
Ethanol	84		-		40-160	-		
Vinyl bromide	79		-		70-130	-		
Acetone	72		-		40-160	-		
Trichlorofluoromethane	83		-		70-130	-		
Isopropanol	76		-		40-160	-		
1,1-Dichloroethene	87		-		70-130	-		
Tertiary butyl Alcohol	92		-		70-130	-		
Methylene chloride	102		-		70-130	-		
3-Chloropropene	78		-		70-130	-		
Carbon disulfide	77		-		70-130	-		
Freon-113	82		-		70-130	-		
trans-1,2-Dichloroethene	84		-		70-130	-		
1,1-Dichloroethane	78		-		70-130	-		
Methyl tert butyl ether	79		-		70-130	-		
2-Butanone	79		-		70-130	-		
cis-1,2-Dichloroethene	84		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SMP-STANDARD MOTOR PRODUCTS

Project Number: 170861201

Lab Number: L2464558

Report Date: 11/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-09 Batch: WG1995923-3								
Ethyl Acetate	92		-		70-130	-		
Chloroform	92		-		70-130	-		
Tetrahydrofuran	74		-		70-130	-		
1,2-Dichloroethane	78		-		70-130	-		
n-Hexane	107		-		70-130	-		
1,1,1-Trichloroethane	96		-		70-130	-		
Benzene	91		-		70-130	-		
Carbon tetrachloride	97		-		70-130	-		
Cyclohexane	114		-		70-130	-		
1,2-Dichloropropane	88		-		70-130	-		
Bromodichloromethane	114		-		70-130	-		
1,4-Dioxane	120		-		70-130	-		
Trichloroethene	103		-		70-130	-		
2,2,4-Trimethylpentane	107		-		70-130	-		
Heptane	88		-		70-130	-		
cis-1,3-Dichloropropene	92		-		70-130	-		
4-Methyl-2-pentanone	93		-		70-130	-		
trans-1,3-Dichloropropene	95		-		70-130	-		
1,1,2-Trichloroethane	94		-		70-130	-		
Toluene	87		-		70-130	-		
2-Hexanone	74		-		70-130	-		
Dibromochloromethane	98		-		70-130	-		
1,2-Dibromoethane	75		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SMP-STANDARD MOTOR PRODUCTS

Project Number: 170861201

Lab Number: L2464558

Report Date: 11/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-09 Batch: WG1995923-3								
Tetrachloroethene	72		-		70-130	-		
Chlorobenzene	76		-		70-130	-		
Ethylbenzene	87		-		70-130	-		
p/m-Xylene	87		-		70-130	-		
Bromoform	96		-		70-130	-		
Styrene	79		-		70-130	-		
1,1,2,2-Tetrachloroethane	84		-		70-130	-		
o-Xylene	86		-		70-130	-		
4-Ethyltoluene	81		-		70-130	-		
1,3,5-Trimethylbenzene	78		-		70-130	-		
1,2,4-Trimethylbenzene	80		-		70-130	-		
Benzyl chloride	89		-		70-130	-		
1,3-Dichlorobenzene	82		-		70-130	-		
1,4-Dichlorobenzene	79		-		70-130	-		
1,2-Dichlorobenzene	78		-		70-130	-		
1,2,4-Trichlorobenzene	84		-		70-130	-		
Naphthalene	82		-		70-130	-		
Hexachlorobutadiene	81		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SMP-STANDARD MOTOR PRODUCTS

Project Number: 170861201

Lab Number: L2464558

Report Date: 11/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab	Associated sample(s): 01-09		Batch: WG1995924-3					
1,3-Butadiene	108		-		70-130	-		25

Project Name: SMP-STANDARD MOTOR PRODUCTS **Lab Number:** L2464558

Project Number: 170861201 **Report Date:** 11/12/24

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
L2464558-01	SMP_SG-6_110524	01616	Flow 2	11/01/24	492142		-	-	-	Pass	40.4	40.5	0
L2464558-01	SMP_SG-6_110524	2903	6.0L Can	11/01/24	492142	L2462285-02	Pass	-30.1	-5.4	-	-	-	-
L2464558-02	SMP_SG-8_110524	02353	Flow 2	11/01/24	492142		-	-	-	Pass	39.9	40.3	1
L2464558-02	SMP_SG-8_110524	1806	6.0L Can	11/01/24	492142	L2461267-07	Pass	-29.5	-6.0	-	-	-	-
L2464558-03	SMP_SG-5_110524	0346	Flow 2	11/01/24	492142		-	-	-	Pass	39.9	39.1	2
L2464558-03	SMP_SG-5_110524	2617	6.0L Can	11/01/24	492142	L2462285-02	Pass	-29.9	-5.1	-	-	-	-
L2464558-04	SMP_SG-7_110524	01715	Flow 2	11/01/24	492142		-	-	-	Pass	40.0	40.4	1
L2464558-04	SMP_SG-7_110524	2771	6.0L Can	11/01/24	492142	L2461267-07	Pass	-29.9	-3.9	-	-	-	-
L2464558-05	SMP_SG-4_110524	02128	Flow 2	11/01/24	492142		-	-	-	Pass	40.3	40.1	0
L2464558-05	SMP_SG-4_110524	1941	6.0L Can	11/01/24	492142	L2462285-02	Pass	-29.9	-4.6	-	-	-	-
L2464558-06	SMP_SG-3_110524	01529	Flow 2	11/01/24	492142		-	-	-	Pass	39.9	40.4	1
L2464558-06	SMP_SG-3_110524	3581	6.0L Can	11/01/24	492142	L2462285-02	Pass	-29.9	-5.0	-	-	-	-
L2464558-07	SMP_SG-2_110524	0625	Flow 2	11/01/24	492142		-	-	-	Pass	40.2	40.1	0
L2464558-07	SMP_SG-2_110524	2719	6.0L Can	11/01/24	492142	L2462285-02	Pass	-29.9	-5.4	-	-	-	-
L2464558-08	SMP_SG-1_110524	01532	Flow 2	11/01/24	492142		-	-	-	Pass	40.3	40.1	0

Project Name: SMP-STANDARD MOTOR PRODUCTS

Lab Number: L2464558

Project Number: 170861201

Report Date: 11/12/24

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
L2464558-08	SMP_SG-1_110524	3599	6.0L Can	11/01/24	492142	L2462285-02	Pass	-30.0	-7.1	-	-	-	-
L2464558-09	SVDUP01_110524	01005	Flow 2	11/01/24	492142		-	-	-	Pass	40.0	39.7	1
L2464558-09	SVDUP01_110524	1978	6.0L Can	11/01/24	492142	L2461267-07	Pass	-29.9	-6.7	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2461267
Report Date: 11/12/24

Air Canister Certification Results

Lab ID: L2461267-07
Client ID: CAN 897 SHELF 42
Sample Location:

Date Collected: 10/22/24 10:00
Date Received: 10/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/27/24 21:39
Analyst: JFI

	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: L2461267
Report Date: 11/12/24

Air Canister Certification Results

Lab ID: L2461267-07
Client ID: CAN 897 SHELF 42
Sample Location:

Date Collected: 10/22/24 10:00
Date Received: 10/22/24
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: L2461267
Report Date: 11/12/24

Air Canister Certification Results

Lab ID: L2461267-07
Client ID: CAN 897 SHELF 42
Sample Location:

Date Collected: 10/22/24 10:00
Date Received: 10/22/24
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: L2461267
Report Date: 11/12/24

Air Canister Certification Results

Lab ID: L2461267-07
Client ID: CAN 897 SHELF 42
Sample Location:

Date Collected: 10/22/24 10:00
Date Received: 10/22/24
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: L2461267
Report Date: 11/12/24

Air Canister Certification Results

Lab ID: L2461267-07
Client ID: CAN 897 SHELF 42
Sample Location:

Date Collected: 10/22/24 10:00
Date Received: 10/22/24
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	90		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	88		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2461267
Report Date: 11/12/24

Air Canister Certification Results

Lab ID: L2461267-07
Client ID: CAN 897 SHELF 42
Sample Location:

Date Collected: 10/22/24 10:00
Date Received: 10/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/27/24 21:39
Analyst: JFI

	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: L2461267
Report Date: 11/12/24

Air Canister Certification Results

Lab ID: L2461267-07
Client ID: CAN 897 SHELF 42
Sample Location:

Date Collected: 10/22/24 10:00
Date Received: 10/22/24
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: L2461267
Report Date: 11/12/24

Air Canister Certification Results

Lab ID: L2461267-07
Client ID: CAN 897 SHELF 42
Sample Location:

Date Collected: 10/22/24 10:00
Date Received: 10/22/24
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	87		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	87		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2462285
Report Date: 11/12/24

Air Canister Certification Results

Lab ID: L2462285-02
Client ID: CAN 2283 SHELF 43
Sample Location:

Date Collected: 10/24/24 15:00
Date Received: 10/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/27/24 19:42
Analyst: JFI

	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: L2462285
Report Date: 11/12/24

Air Canister Certification Results

Lab ID: L2462285-02
Client ID: CAN 2283 SHELF 43
Sample Location:

Date Collected: 10/24/24 15:00
Date Received: 10/25/24
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: L2462285
Report Date: 11/12/24

Air Canister Certification Results

Lab ID: L2462285-02
Client ID: CAN 2283 SHELF 43
Sample Location:

Date Collected: 10/24/24 15:00
Date Received: 10/25/24
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: L2462285
Report Date: 11/12/24

Air Canister Certification Results

Lab ID: L2462285-02
Client ID: CAN 2283 SHELF 43
Sample Location:

Date Collected: 10/24/24 15:00
Date Received: 10/25/24
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: L2462285
Report Date: 11/12/24

Air Canister Certification Results

Lab ID: L2462285-02
Client ID: CAN 2283 SHELF 43
Sample Location:

Date Collected: 10/24/24 15:00
Date Received: 10/25/24
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	92		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	91		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2462285
Report Date: 11/12/24

Air Canister Certification Results

Lab ID: L2462285-02
Client ID: CAN 2283 SHELF 43
Sample Location:

Date Collected: 10/24/24 15:00
Date Received: 10/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/27/24 19:42
Analyst: JFI

	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: L2462285
Report Date: 11/12/24

Air Canister Certification Results

Lab ID: L2462285-02
Client ID: CAN 2283 SHELF 43
Sample Location:

Date Collected: 10/24/24 15:00
Date Received: 10/25/24
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: L2462285
Report Date: 11/12/24

Air Canister Certification Results

Lab ID: L2462285-02
Client ID: CAN 2283 SHELF 43
Sample Location:

Date Collected: 10/24/24 15:00
Date Received: 10/25/24
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	97		60-140
chlorobenzene-d5	90		60-140

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201

Lab Number: L2464558
Report Date: 11/12/24

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(*)
L2464558-01A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2464558-02A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2464558-03A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2464558-04A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2464558-05A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2464558-06A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2464558-07A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2464558-08A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2464558-09A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	SMP-STANDARD MOTOR PRODUCTS	**Lab Number:**	L2464558
Project Number:	170861201	**Report Date:**	11/12/24

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:	SMP-STANDARD MOTOR PRODUCTS	**Lab Number:**	L2464558
Project Number:	170861201	**Report Date:**	11/12/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report

Project Name:	SMP-STANDARD MOTOR PRODUCTS	**Lab Number:**	L2464558
Project Number:	170861201	**Report Date:**	11/12/24

Data Qualifiers

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: Data Usability Report

Project Name: SMP-STANDARD MOTOR PRODUCTS
Project Number: 170861201
Lab Number: L2464558
Report Date: 11/12/24

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

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 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine, 2,6-Dichlorophenol.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
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.
Nonpotable Water: EPA RSK-175 Dissolved Gases
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 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).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, 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 _____ OF _____

CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 11/6/24

ALPHA Job #: L2464558

Client Information

Client: Langan
Address: 300 Kimball Drive
Parsippany - Troy Hills
Phone: 914-323-7428
Fax:
Email: mdelbalzo@langan.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: SMP Standard Motors Products
Project Location: 37-18 Northern Blvd/Long Island City
Project #: 170861201
Project Manager: Matt DelBalzo
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:
Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

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	TO-15 SIM	APH (subset Non-petroleum HCs ☐)	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
64558-01	SMP-SG-6_110524	11-5-24	8:54	10:54	-30.31	-5.55	SV	SM	6	2703	1616	X					
02	SMP-SG-8_110524		9:16	11:16	-30.23	-6.14				806	2353	X					
03	SMP-SG-5_110524		9:40	11:40	-30.49	-4.78				2617	346	X					
04	SMP-SG-7_110524		9:47	11:47	-30.44	-4.01				2771	1715	X					
05	SMP-SG-4_110524		9:55	11:55	-30.2	-4.21				1441	2128	X					
06	SMP-SG-3_110524		10:05	12:05	-30.31	-4.8				3581	1529	X					
07	SMP-SG-2-110524		10:12	12:12	-30.56	-5.16				279	625	X					
08	SMP-SG-1-110524		10:22	12:22	-30.46	-6.9				3579	1532	X					
09	SVDupol_110524		—	—	-30.68	-6.73				108	1605	X					

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

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:
Steven Moore	11-5-24 1350	Anthony Green	11/5/24 13:30
Anthony Green	11/5/24 19:45		NOV 05 2024 2200
	11/6/24 0050		11/6/24 0050
	11/6/24 0545		11/6/24 0545

Form No: 101-02 Rev: (25-Sep-15)