PRECISION
ENVIRONMENTAL SERVICES, INC.
831 RT. 67, LOT 38 A
BALLSTON SPA, NY 12020
TEL: 518-885-4399
FAX: 518-885-4416
CERTIFIED WOMEN-OWNED BUSINESS ENTERPRISE

25 YEARS 1991 - 2016

July 14, 2022

Via Electronic Mail: rachel.savarie@dec.ny.gov

Rachel K. Savarie, P.E.
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-7014

RE: Report of Findings
Lubricant Packaging Co. Site
17 Industrial Place, Middletown, NY
NYSDEC Site No.: 336034

Rachel Savarie:

Precision Environmental Services, Inc. (PES), has prepared this letter report to document sampling activities on and off the 17 Industrial Place property (hereafter referred to as 'the Site') (see – Figure 1, for site location detail). The work described within this report was performed on behalf of the New York State Department of Environmental Conservation (NYSDEC) and completed in accordance with Prime Contract C100614. Site work activities were completed following PES's Work Plan dated March 11, 2022. Work tasks completed and documented within this findings report include the following:

1. Sample and analyze groundwater at fourteen (14) existing monitoring well locations; and
2. Collect sub-slab vapor intrusion (SVI) samples at 79 Industrial Place.

Groundwater Sampling

On April 27 and May 4, 2022, PES gauged and sampled fourteen monitoring wells as shown on attached Figure 2. A second visit was required due to access concerns on neighboring property at 79 Industrial Place and due to high surface water access concerns on the wooded lots across Industrial Place from the Site. The fourteen (14) monitoring wells are identified as LMW-01 through LMW-05, LMW-08, LMW-11 through LMW-14 and MW-06, MW-09, MW-206 and MW-209. The probe was decontaminated between monitoring wells using an Alconox wash followed by rinse. Depths to water ranged from 0.0-feet (at top of well casing, specifically for MW-209) to 9.9-feet at LMW-03. PES was not provided surveyed well casing elevations; thus, only gauged depths are presented on Table 1. All measurements were be recorded on a monitoring data sheet and can be found in Attachment A.

Water samples were analyzed for volatile organic compounds (VOC) using EPA Method 8260C. Laboratory analysis included one duplicate sample and a matrix spike and matrix spike duplicate sample. Once collected, samples were stored on ice and delivered to Phoenix Environmental Laboratories (Phoenix) under proper chain of custody (COC). The laboratory data and data

usability reporting (DUSR), from an independent subcontractor, was completed and provided in Attachment B. Phoenix provided an electronic data deliverable (EDD) which was subsequently uploaded to the NYSDEC EQUiS database.

Chlorinated volatile organic compounds were detected in all well samples. The primary contaminate of concern or 1,1,1-Trichloroethane (1,1,1-TCA) was detected in six of the sampled well locations. The 1,1,1-TCA detections ranged from laboratory estimated, low levels (LMW-02 at 0.39 micrograms per liter or ug/L, LMW-11 at 1.2 ug/L and LMW-12 at 0.31 ug/L) to 28 ug/L and 24 ug/L at LMW-03 and LMW-04, respectively. Other notable detections were recorded for cis-1,2-Dichloroethene (cis-1,2-DCE), Tetrachloroethene (PCE) and Trichloroethene (TCE). The highest levels for cis-1,2-DCE, PCE and TCE were recorded for monitoring well MW-09 at 290 ug/L, 490 ug/L and 67 ug/L, respectively. All data is presented on Table 2 and Figure 2.

Sub-Slab Vapor Intrusion Sampling – 79 Industrial Place

On March 15 and 16, 2022 PES performed sub-slab and indoor air sampling at 79 Industrial Place. PES sampled four sub-slab points (SS-SV-04, SS-SV-05, SS-SV-06 and SS-SV-07) all of which were previously installed by CDM Smith in 2019. PES also sampled indoor air locations IA-04, IA-05, IA-06 and IA-07, along with one outdoor ambient air sample (AA-02).

Prior to commencement of sub-slab sampling a helium tracer test was performed at each location to confirm that there was no potential surface air infiltration and that all were viable for sampling. The procedure for helium tracer gas testing was conducted in accordance with the NYSDOH guidance document and PES Work Plan Standard Operating Procedures (SOP) as follows:

- Each soil vapor sampling tube was run through a hole in the bottom of a pre-prepared enclosure that was placed over the borehole.
- Helium gas was released through a sample port into the enclosure until a concentration of greater than or equal too 80% was attained. The helium enriched space was monitored and confirmed with a helium gas tracer meter.
- After confirming 80% or greater helium presence in the enclosure, the soil vapor sampling tube (Teflon® coated interior) was purged using a low-flow sample pump. The tube was screened for helium and VOCs using a PPBRae. Tracer gas testing was performed at all locations. All helium detections were measure at 10% or less, as required by the NYSDOH guidance.

After completion of the tracer test, approximately three air volumes of gas were purged from each sub-slab point. PID readings were observed directly from the tubing and recorded. The end of the tubing was then connected directly to the intake valve of the Summa® canister regulator. All measurements and detailed from the sampling are included on Table 3. PES completed an indoor air quality questionnaire and building inventory form that is included as Attachment C.

All sub-slab, indoor air, and outdoor ambient air samples were collected using 6-Liter Summa® canisters equipped with 24-hour laboratory calibrated regulators. Summa® canisters were laboratory certified with initial vacuum ranging from -28 inches of mercury (inHg) to -30 inHg. The sub-slab samples were collected concurrently with the indoor air and ambient outdoor air samples. The sub-slab samples had final vacuum readings between -2 inHg to -22 inHg.

After the samples were collected, the sample tubing was removed, and the permanent ports were sealed. Air samples were analyzed by Phoenix for VOCs using EPA Method TO-15.

Following Summa® canister deployment on March 15th and prior to PES return the morning of March 16th two air sample locations were disturbed. The SS-SV-06 subslab sample tubing was found disconnected from the sample point in the concrete floor. Photograph documentation is provided in Attachment D. The SS-SV-04/IA-04 sample area was covered or coated with a fine, whiteish-yellow dust upon PES return on the morning of March 16th (Attachment D photolog). Though no obvious evidence of impact to subslab sample collection, the indoor air sample IA-04 may have collected airborne particles of this dust. The dust is believed to be a by-product of the food manufacturing process at this facility.

Sub-Slab Vapor Intrusion Sample Results

The soil vapor investigation results are presented on Tables 4A and 4B and the laboratory data package as Attachment B. The 2006 NYSDOH Vapor Intrusion Guidance presents the State of New York indoor air guidance values as well as the 2017 sub-slab vapor/indoor air matrices. Indoor air results were compared to Appendix C, Table C.2, EPA 2001: Building assessment and survey evaluation (BASE) database, Summa® canister method, 90th percentile, as well as Table 3.1, Air guidance values derived by the NYSDOH of the Final NYSDOH Soil Vapor Intrusion Guidance. Ambient air results were compared to Appendix C, Table C.2, EAP 2001: Building assessment and survey evaluation (BASE) database, Summa® canister method, 90th percentile. A comparison of the sub-slab soil vapor and indoor air results at each shared location is presented in Tables 4A and 4B, along with final action recommendations suggested by the NYSDOH matrices (Table 5).

NYSDOH Matrix A Comparison

All four sub-slab vapor samples recorded detectable levels for trichloroethene (TCE), SS-SV-04 at 18.3 micrograms per cubic meter (ug/m3), SS-SV-05 at 2.62 ug/m3, SS-SV-06 at 7.09 ug/m3, and SS-SV-07 at 10 ug/m3. No co-located indoor air samples recorded detectable TCE concentrations though laboratory reporting limits exceeded the no further action determination level of 0.2 ug/m3. All four sub-slab vapor samples recorded detectable levels for carbon tetrachloride, SS-SV-04 at 0.36 ug/m3, SS-SV-05 at 0.47 ug/m3, SS-SV-06 at 0.47 ug/m3, and SS-SV-07 at 0.47 ug/m3. All four co-located indoor air samples recorded similar carbon tetrachloride concentrations with all locations less than 1 ug/m3, thus a no further action determination.

Based on the comparative results from the four co-located sample Matrix A analytes cis-1,2-Dichloroethene and 1,1-Dichloroethene do not warrant further action.

NYSDOH Matrix B Comparison

All four sub-slab vapor samples recorded detectable levels for PCE, SS-SV-04 at 0.86 ug/m3, SS-SV-05 at 0.83 ug/m3, SS-SV-06 at 1.17 ug/m3, and SS-SV-07 at 46.3 ug/m3. All four co-located indoor air samples recorded less than 1 ug/m3 PCE concentrations. When referencing the soil vapor/indoor air Matrix B, the NYSDOH guidance suggests no further action to address human health exposure. All four sub-slab vapor samples recorded detectable levels for 1,1,1-TCA, SS-SV-04 at 23.1 ug/m3, SS-SV-05 at 10.9 ug/m3, SS-SV-06 at 3.2 ug/m3, and SS-SV-07 at 1.79 ug/m3. Co-located indoor air samples recorded low level 1,1,1-TCA concentrations or

non-detectable levels. All locations required no further action based on the NYSDOH comparison determination. Based on the comparative results for Methylene Chloride, no further action is warranted.

NYSDOH Matrix C Comparison

No sub-slab vapor samples recorded detectable levels for Vinyl Chloride (VC). No co-located indoor air samples recorded detectable VC detections. Based on these results no further action if warranted based on the Matrix C Comparison.

Though all three matrix comparisons resulted in *No Further Action* determinations sample collection conditions from subslab sample point disconnection (SS-SV-06) and airborne food particle dusting (SS-SV-04) do bring into question the overall validity of those subslab and indoor air comparative samples.

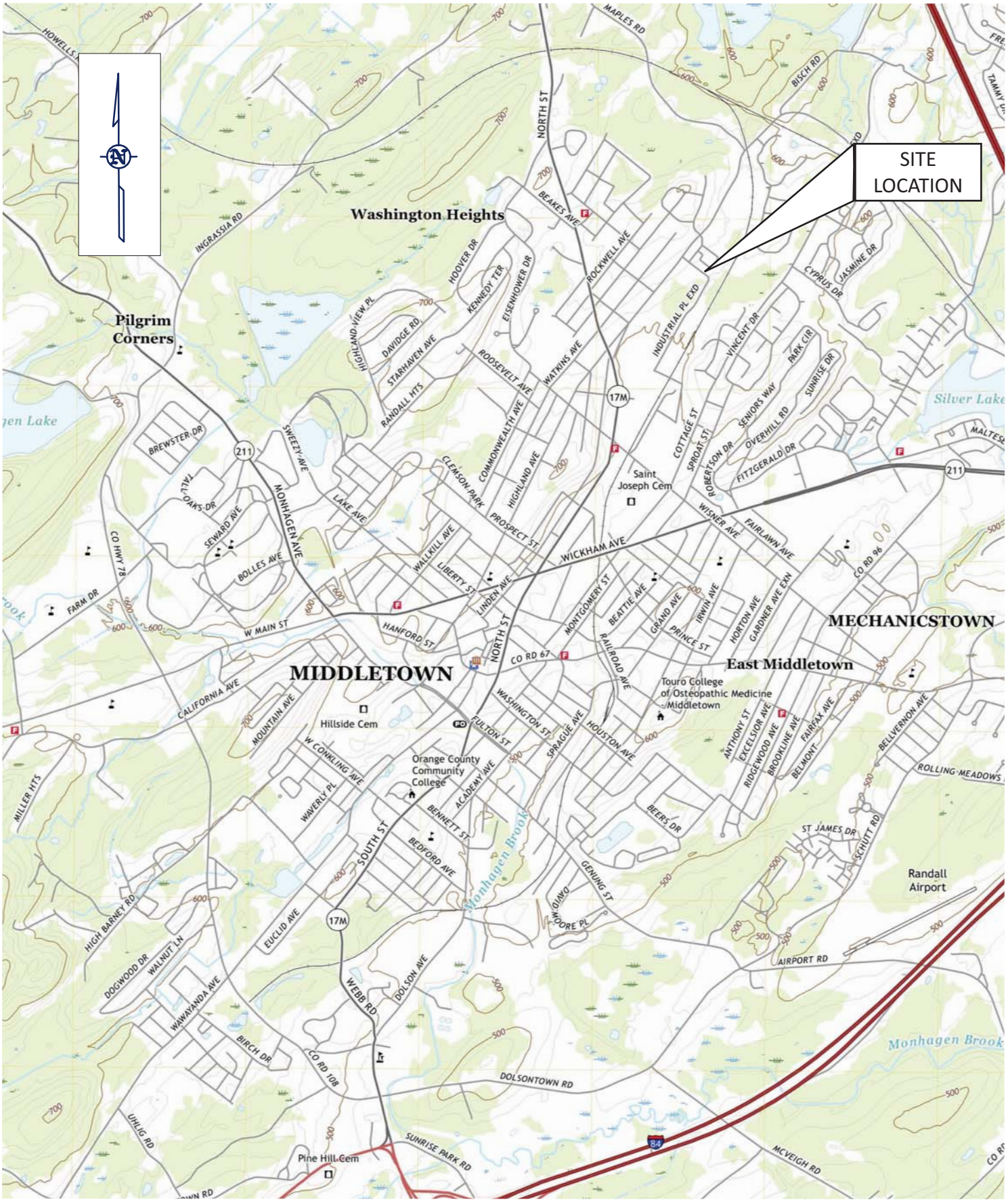
Should you have any questions regarding the above report, please feel free to contact the undersigned at 518-885-4399.

Sincerely.
PRECISION ENVIRONMENTAL SERVICES, INC.

Brian Neumann
Project Manager

Enclosures:
- Figures 1, 2 and 3
- Tables 1, 2, 3, 4A, 4B and 5
- Attachment A: Groundwater Monitoring Data Sheets
- Attachment B: Laboratory Analytical Reports & DUSRs
- Attachment C: SVI Questionnaire
- Attachment D: Photographs

Figures



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CERTIFIED WOMEN-OWNED BUSINESS ENTERPRISE

Lubricant Packaging Co.
17 Industrial Place, Middletown, NY

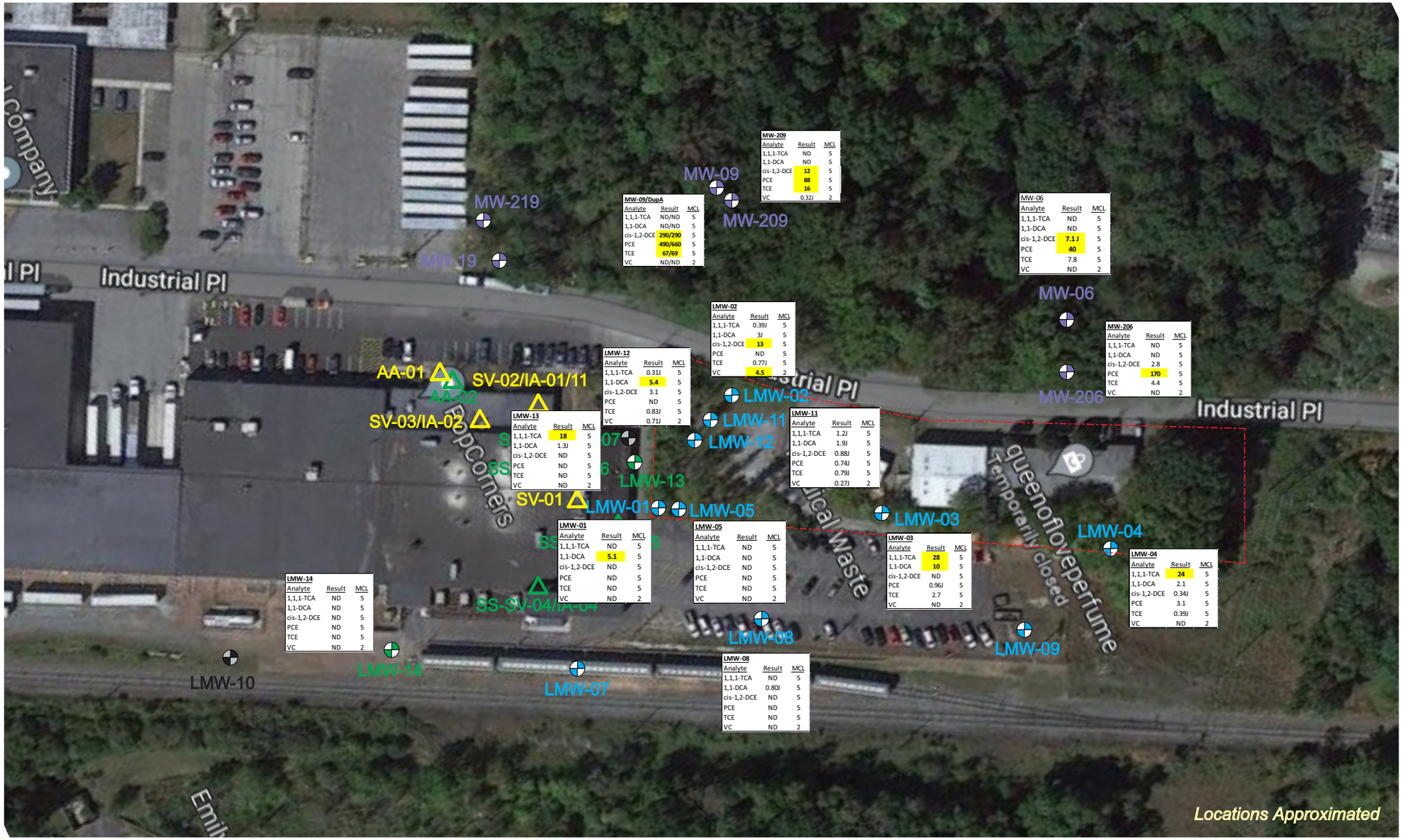
Date: Jan 2021

Map Courtesy of Google

SITE LOCATION MAP

NYSDEC Site #: 336034

Figure: 1



MW-209

Analyte	Result	MCL
1,1,1-TCA	ND	5
1,1-DCA	ND	5
cis-1,2-DCE	12	5
PCE	88	5
TCE	16	5
VC	0.32J	2

MW-09/DupA

Analyte	Result	MCL
1,1,1-TCA	ND/ND	5
1,1-DCA	ND/ND	5
cis-1,2-DCE	250/290	5
PCE	490/660	5
TCE	67/69	5
VC	ND/ND	2

MW-06

Analyte	Result	MCL
1,1,1-TCA	ND	5
1,1-DCA	ND	5
cis-1,2-DCE	7.1 J	5
PCE	40	5
TCE	7.8	5
VC	ND	2

LMW-02

Analyte	Result	MCL
1,1,1-TCA	0.39J	5
1,1-DCA	3J	5
cis-1,2-DCE	13	5
PCE	ND	5
TCE	0.77J	5
VC	4.5	2

MW-205

Analyte	Result	MCL
1,1,1-TCA	ND	5
1,1-DCA	ND	5
cis-1,2-DCE	2.8	5
PCE	170	5
TCE	4.4	5
VC	ND	2

LMW-12

Analyte	Result	MCL
1,1,1-TCA	0.31J	5
1,1-DCA	5.4	5
cis-1,2-DCE	3.1	5
PCE	ND	5
TCE	0.83J	5
VC	0.71J	2

LMW-11

Analyte	Result	MCL
1,1,1-TCA	1.2J	5
1,1-DCA	1.9J	5
cis-1,2-DCE	0.88J	5
PCE	0.74J	5
TCE	0.79J	5
VC	0.27J	2

LMW-13

Analyte	Result	MCL
1,1,1-TCA	18	5
1,1-DCA	1.3J	5
cis-1,2-DCE	ND	5
PCE	ND	5
TCE	ND	5
VC	ND	2

LMW-01

Analyte	Result	MCL
1,1,1-TCA	ND	5
1,1-DCA	5.1	5
cis-1,2-DCE	ND	5
PCE	ND	5
TCE	ND	5
VC	ND	2

LMW-05

Analyte	Result	MCL
1,1,1-TCA	ND	5
1,1-DCA	ND	5
cis-1,2-DCE	ND	5
PCE	ND	5
TCE	ND	5
VC	ND	2

LMW-03

Analyte	Result	MCL
1,1,1-TCA	28	5
1,1-DCA	10	5
cis-1,2-DCE	ND	5
PCE	0.96J	5
TCE	2.7	5
VC	ND	2

LMW-04

Analyte	Result	MCL
1,1,1-TCA	24	5
1,1-DCA	2.1	5
cis-1,2-DCE	0.34J	5
PCE	3.1	5
TCE	0.39J	5
VC	ND	2

LMW-14

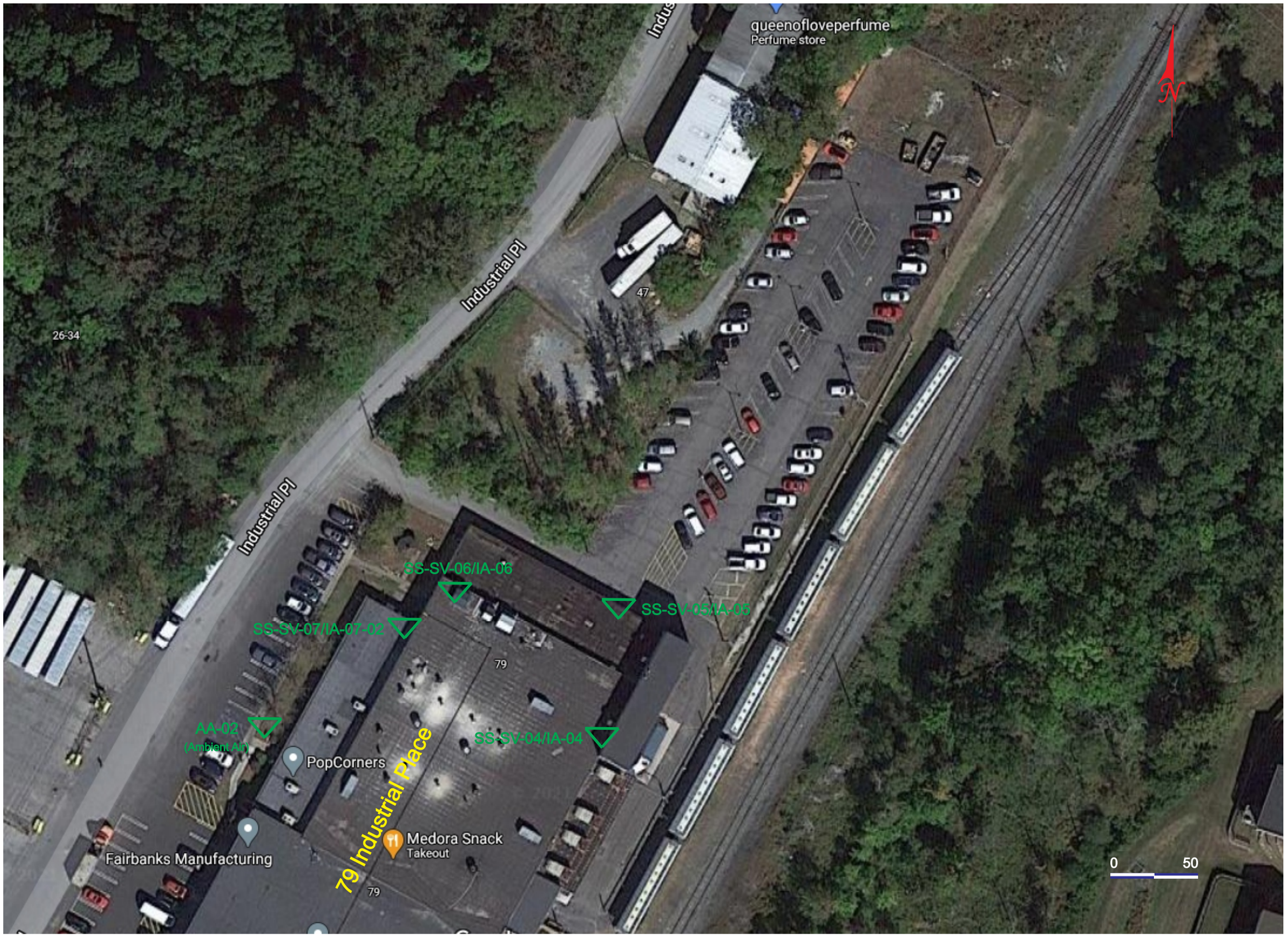
Analyte	Result	MCL
1,1,1-TCA	ND	5
1,1-DCA	ND	5
cis-1,2-DCE	ND	5
PCE	ND	5
TCE	ND	5
VC	ND	2

LMW-08

Analyte	Result	MCL
1,1,1-TCA	ND	5
1,1-DCA	0.80J	5
cis-1,2-DCE	ND	5
PCE	ND	5
TCE	ND	5
VC	ND	2

PRECISION ENVIRONMENTAL SERVICES, INC **831 NYS Route 67, Lot 38A** **Ballston Spa, NY 12020** **518-885-4399**	**Groundwater Results**	**Date: June - 2022**
		Scale: See Bar Scale
Updated By : JJJ	**Figure: 2**	**Lubricant Packaging Co.** **17 Industrial Place** **Middletown, NY**

- 2019 Vapor Intrusion Sample Location (sub-slab/indoor air).
- 2019 Monitoring Well Location.
- 2011 Vapor Intrusion Sample Location.
- LPC Monitoring Well Location.
- Inactive LPC Monitoring Well Location.
- General Switch Monitoring Well Location.
- Site Boundary (approx.)



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SUB SLAB VAPOR INTRUSION SAMPLE LOCATIONS

LUBRICANT PACKAGING COMPANY

SITE #: 336034

LOCATION: 17 INDUST. PLACE, MIDDLETOWN, NY

DATE: 4.26.21	**REVISED BY: JJJ**
FIGURE: 3	**SCALE: AS SHOWN**

LEGEND

AA-02 ▽ Vapor Intrusion Sample Collection Location

NOTES:

- BASE MAP COMPOSED FROM 2011 AERIAL IMAGERY PROVIDED COURTESY GOOGLE MAPS
- ALL LOCATIONS ARE APPROXIMATE

Tables

TABLE 1

Summary of Temporary Monitoring Well Data (Gauging Results)
Lubricant Packaging Co.
NYSDEC Site No. 336034

Monitor Well ID	Top of Casing Elevation	Depth to Water From Top of Casing
		4/27/2022 & 5/4/2022
LMW-01	--	6.10
LMW-02	--	6.20
LMW-03	--	9.90
LMW-04	--	7.80
LMW-05	--	6.90
LMW-08	--	3.30
LMW-11	--	6.70
LMW-12	--	6.60
LMW-13	--	3.70
LMW-14	--	2.10
MW-06	--	1.50
MW-09	--	6.00
MW-206	--	6.40
MW-209	--	0.00

NOTES:

All Values are expressed in feet

--- No data available

TABLE 2

Summary of Monitoring Well Data (Water Quality Results)
Lubricant Packaging Co.
NYSDEC Site No. 336034

Parameter	LMW-01	LMW-02	LMW-03	LMW-04	LMW-05	LMW-08	LMW-11	LMW-12	LMW-13	LMW-14	MW-06	MW-09/DupA	MW-206	MW-209	Groundwater Standards
Volatile Organic Compounds (Method 8260)															
1,1,1-Trichloroethane	ND	**0.39 J**	**28**	**24**	ND	ND	**1.2 J**	**0.31 J**	**18**	ND	ND	ND	ND	ND	10
1,1,2,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7
1,1,2-Trichloro-1,2,2-triflouroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
1,1-Dichloroethane	**5.1**	**3.0 J**	**10**	**3.1 J**	ND	**0.80 J**	**1.9 J**	**5.4**	**1.3 J**	ND	ND	ND	ND	ND	5
1,1-Dichloroethene	ND	ND	ND	**2.1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
1,2-Dibromo-3-Chloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.04
1,2-Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
4-Methyl-2-pentanone (MIBK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Acetone	ND	ND	ND	ND	**3.9 JS**	ND	ND	ND	**2.4 J+JS**	ND	**3.6 J+JS**	ND	ND	ND	-
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Carbon disulfide	ND	ND	ND	ND	**0.32 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	60
Carbon tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Chloroethane	ND	ND	ND	**1.4 J**	ND	ND	ND	**0.28 J**	ND	ND	ND	ND	ND	ND	5
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
cis-1,2-Dichloroethene	ND	**13**	ND	**0.34 J**	ND	ND	**0.88 J**	**3.1**	ND	ND	**7.1 J**	**290/290**	**2.8**	**12**	5
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.4
Cyclohexane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Dichlorodiflouromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	**0.65 J**	ND	ND	ND	ND	ND	ND	5
Methyl acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
MTBE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
Methylcyclohexane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Tetrachloroethene	ND	ND	**0.96 J**	**3.1**	ND	ND	**0.74 J**	ND	ND	ND	**40**	**490/660**	**170**	**88**	5
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Trichloroflouromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Trichloroethene	ND	**0.77 J**	**2.7**	**0.39 J**	ND	ND	**0.79 J**	**0.83 J**	ND	ND	**7.8**	**67/69**	**4.4**	**16**	5
Vinyl chloride	ND	**4.5**	ND	ND	ND	ND	**0.27 J**	**0.71 J**	ND	ND	ND	ND	ND	**0.32 J**	2
m & p - Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
o-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Xylenes (Total)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5

Samples collected on April 27, 2022 and May 4, 2022.
All Values are Reported in ug/L (parts per billion - ppb)
ND = Not Detected
J - Result is less than the RL but greater than or equal to the MDL. Concentration is an approximate value.
A duplicate sample was collected at MW-09.
BOLD indicates detection above reporting limit.
Highlighted values equal or exceed NYSDEC groundwater standards.

TABLE 3

Sub-Slab and Indoor Air Sample Parameters
Lubricant Packaging Co.
NYSDEC Site No. 336034

Sample ID	Start Date	End Date	Time Started	Initial Pressure (in Hg)	Time Collected	Final Pressure (in Hg)	Canister ID	Flow Meter ID
SS-SV-04	3/15/2022	3/16/2022	1100	-30	1100	-4	28595	5707
IA-04			1105	-29	1105	-3	23338	2864
SS-SV-05			956	-30	956	-16	494	5353
Dup (at SS-SV-05)			--	-30	--	-22	13639	0957
IA-05			1000	-30	1000	-3	19806	7015
SS-SV-06			1025	-28	1025	-3	21367	4979
IA-06			1030	-30	1030	-7	12859	2935
SS-SV-07			855	-30	855	-4	215	4993
IA-07			857	-30	857	-2	28607	2888
AA-02			1120	-30	1120	-4	16011	3252

TABLE 4A

Summary of Sub Slab and Indoor Air Quality Data
Lubricant Packaging Co.
NYSDEC Site No. 336034

				Sub-Slab Soil Vapor				
Sample ID	**EPA Indoor Air Statistical Value (1)**	**EPA Outdoor Air Statistical Value (1)**	**NYSDOH Air Guideline Value (2)**	**SV-04**	**SV-05**	**Duplicate SV-05**	**SV-06**	**SV-07**
Sampling Date				March 15-16, 2022				
Unit				ug/m3				
Volatile Organic Compounds (TO-15)								
1,1,1-Trichloroethane	20.6	2.6	NL	**23.1**	**10.9**	**10.3**	**3.2**	**1.79**
1,1,2-Trichlorotrifluoroethane	NL	NL	NL	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	NL	NL	NL	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	NL	NL	NL	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,4-Trimethylbenzene	9.5	5.8	NL	**2.38**	**2.78 J**	**4.2 J**	1 U	**2.24**
1,3,5-Trimethylbenzene	3.7	2.7	NL	1 U	0.1 U	**1.07**	1 U	1 U
1,4-Dioxane	NL	NL	NL	1 U	**1.3**	1 U	1 U	1 U
2-Butanone	NL	NL	NL	1 U	0.1 U	0.1 U	**3.51**	1 U
4-Methyl-2-pentanone (MIBK)	NL	NL	NL	1 U	1 U	1 U	1 U	1 U
Benzene	9.4	6.6	NL	1 U	1 U	1 U	**1.06**	1 U
Carbon tetrachloride	1.3	0.7	NL	**0.36**	**0.47**	**0.47**	**0.47**	**0.47**
Chloroethane	NL	NL	NL	1 U	1 U	1 U	1 U	1 U
Chloroform	1.1	0.6	NL	1 U	1 U	1 U	1 U	**4.51**
Chloromethane	3.7	3.7	NL	1 U	1 U	1 U	**1.05**	1 U
cis-1,2-Dichloroethene	NL	NL	NL	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Dichlorodifluoromethane	16.5	8.1	NL	**2.26**	**2.32**	**2.25**	**2.39**	**2.25**
Ethanol	NL	NL	NL	**4.46**	**2.48 J**	**6.35 J**	**109 J**	**5.03**
Ethylbenzene	5.7	3.5	NL	**1.38**	**3.03**	**3.45**	1 U	1 U
Hexane	10.2	6.4	NL	**1.37**	**1.24**	**1.32**	**1.52**	1 U
Methylene Chloride	10	6.1	60	**4.58**	**2.66**	**2.36**	**3.85**	**0.99**
Xylenes, Total	NL	NL	NL	**6.28**	**23.81**	**26.29**	**4.06**	**4.16**
Tetrachloroethene	15.9	6.5	30	**0.86**	**0.83**	**0.77**	**1.17**	**46.3**
Toluene	43	33.7	NL	**2.29**	**3.05 J**	**4.07 J**	**2.92**	**2.71**
trans-1,2-Dichloroethene	NL	NL	NL	1 U	1 U	1 U	1 U	**1.29**
Trichloroethene	4.2	1.3	2	**18.3**	**2.62**	**12**	**7.09**	**10**
Trichlorofluoromethane	18.1	4.3	NL	**1.38**	**1.25**	**1.17**	**1.18**	**1.21**

Lab Qualifiers:
U - Analyte included in the analysis, but not detected
J - Result is less than the reporting limit, but greater than or equal to the method detection level
CI - Peak identified exhibited chromatographic interference that could not be resolved. Suspect with high bias.

Notes:
Only those analytes detected at one or more sample locations are presented on this table.
(1) - Final New York State Department of Health Soil Vapor Intrusion Guidance, October 2006. Appendix C Table C2-EPA 2001: Building assessment and survey evaluation (BASE) database, SUMMA® canister method, 90th percentile for indoor and outdoor air.
(2) - Final New York State Department of Health Soil Vapor Intrusion Guidance, October 2006. Table 3.1 Air Guideline Values Derived by the NYSDOH, Revised May 2017.
ug/m3 - microgram per cubic meter
NL - Not Listed

TABLE 4B

Summary of Sub Slab and Indoor Air Quality Data
Lubricant Packaging Co.
NYSDEC Site No. 336034

				Indoor Air				Outdoor Ambient Air
Sample ID	**EPA Indoor Air Statistical Value**	**EPA Outdoor Air Statistical Value**	**NYSDOH Air Guideline Value**	**IA-04**	**IA-05**	**IA-06**	**IA-07**	**AA-02**
Sampling Date				March 15-16, 2022				
Unit				ug/m3				
Volatile Organic Compounds (TO-15)								
1,1,1-Trichloroethane	20.6	2.6	NL	0.55 U	**1.43**	0.55 U	0.55 U	1 U
1,1,2-Trichlorotrifluoroethane	NL	NL	NL	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	NL	NL	NL	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	NL	NL	NL	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,4-Trimethylbenzene	9.5	5.8	NL	1 U	**2.13**	1 U	1 U	0.1 U
1,3,5-Trimethylbenzene	3.7	2.7	NL	1 U	1 U	1 U	1 U	0.1 U
1,4-Dioxane	NL	NL	NL	1 U	1 U	1 U	1 U	1 U
2-Butanone	NL	NL	NL	**3.09**	**4.8**	**4.75**	**1.55**	1 U
4-Methyl-2-pentanone (MIBK)	NL	NL	NL	1 U	**5.49**	1 U	1 U	1 U
Benzene	9.4	6.6	NL	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	1.3	0.7	NL	**0.5**	**0.47**	**0.5**	**0.44**	**0.45**
Chloroethane	NL	NL	NL	1 U	1 U	1 U	1 U	1 U
Chloroform	1.1	0.6	NL	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.7	3.7	NL	**1.14**	**1.2**	**1.41**	**1.12**	**1.07**
cis-1,2-Dichloroethene	NL	NL	NL	0.1 U	**0.66**	**0.19**	**0.21**	**0.37**
Dichlorodifluoromethane	16.5	8.1	NL	**2.17**	**2.24**	**2.4**	**2.08**	**2.13**
Ethanol	NL	NL	NL	**196 J**	**80.6 J**	**217 J**	**1540 J**	**7.7**
Ethylbenzene	5.7	3.5	NL	1 U	**1.64**	1 U	1 U	1 U
Hexane	10.2	6.4	NL	**1.04**	1 U	**1.41**	**1.65**	1 U
Methylene Chloride	10	6.1	60	**3.4**	**1.79**	**1.78**	**8.4**	**3.06**
Xylenes, Total	NL	NL	NL	**1.34**	**8.07**	**1.61**	**2.57**	**1.84**
Tetrachloroethene	15.9	6.5	30	**0.37**	**0.85**	**0.66**	**0.77**	**1.01**
Toluene	43	33.7	NL	**2.32**	**16.6**	**2.74**	**11**	**2.08**
trans-1,2-Dichloroethene	NL	NL	NL	1 U	1 U	1 U	**9.27**	1 U
Trichloroethene	4.2	1.3	2	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Trichlorofluoromethane	18.1	4.3	NL	**1.16**	**1.19**	**1.24**	1 U	**1.18**

Lab Qualifiers:
U - Analyte included in the analysis, but not detected
J - Result is less than the reporting limit, but greater than or equal to the method detection level

Notes:
Only those analytes detected at one or more sample locations are presented on this table.
(1) - Final New York State Department of Health Soil Vapor Intrusion Guidance, October 2006. Appendix C Table C2-EPA 2001: Building assessment and survey evaluation (BASE) database, SUMMA® canister method, 90th percentile for indoor and outdoor air.
(2) - Final New York State Department of Health Soil Vapor Intrusion Guidance, October 2006. Table 3.1 Air Guideline Values Derived by the NYSDOH, Revised May 2017.
ug/m3 - microgram per cubic meter
NL - Not Listed

TABLE 5

Soil Vapor Intrusion Investigation Recommendations Based on NYSDOH Decision Matrix
Lubricant Packaging Co.
NYSDEC Site No. 336034

Location	Analyte	Sub Slab Air Concentration	Indoor Air Concentration	Matrix A, B and C Recommended Action
SS-SV-04/IA-04	1,1,1-Trichloroethane	23.1	<0.55	No Further Action
	Carbon tetrachloride	0.36	0.5	No Further Action
Upon return to retrieve samples a food by product dust was on the sample canisters	cis-1,2-Dichloroethene	<0.1	<0.1	No Further Action
	1,1-Dichloroethene	<0.1	<0.1	No Further Action
	Methylene chloride	4.58	3.4	No Further Action
	Tetrachloroethene	0.86	0.37	No Further Action
	Viynl chloride	<0.1	<0.1	No Further Action
	Trichloroethene	18.3	<0.1	No Further Action
SS-SV-05/IA-05	1,1,1-Trichloroethane	10.9	1.43	No Further Action
	Carbon tetrachloride	0.47	0.47	No Further Action
	cis-1,2-Dichloroethene	<0.1	0.66	No Further Action
	1,1-Dichloroethene	<0.1	<0.1	No Further Action
	Methylene chloride	2.66	1.79	No Further Action
	Tetrachloroethene	0.83	0.85	No Further Action
	Viynl chloride	<0.1	<0.1	No Further Action
	Trichloroethene	2.62	<0.1	No Further Action
SS-SV-06/IA-06	1,1,1-Trichloroethane	3.2	<0.55	No Further Action
	Carbon tetrachloride	0.47	0.5	No Further Action
Upon return to retrieve samples SV-06 want not connected to subslab at floor	cis-1,2-Dichloroethene	<0.1	0.19	No Further Action
	1,1-Dichloroethene	<0.1	<0.1	No Further Action
	Methylene chloride	3.85	1.78	No Further Action
	Tetrachloroethene	1.17	0.66	No Further Action
	Viynl chloride	<0.1	<0.1	No Further Action
	Trichloroethene	7.09	<0.1	No Further Action
SS-SV-07/IA-07	1,1,1-Trichloroethane	1.79	<0.55	No Further Action
	Carbon tetrachloride	0.47	0.44	No Further Action
	cis-1,2-Dichloroethene	<0.1	0.21	No Further Action
	1,1-Dichloroethene	<0.1	<0.1	No Further Action
	Methylene chloride	0.99	8.4	No Further Action
	Tetrachloroethene	46.3	0.77	No Further Action
	Viynl chloride	<0.1	<0.1	No Further Action
	Trichloroethene	10	<0.1	No Further Action

Notes:
Samples collected from March 15-16, 2022.
Action levels based on NYSDOH Matrices A, B and C, dated May 2017.
All concentrations in ug/m3.

Attachment A

PRECISION
ENVIRONMENTAL SERVICES, INC.
831 RT. 67, LOT 38 A
BALLSTON SPA, NY 12020
TEL: 518-885-4399
FAX: 518-885-4416
CERTIFIED WOMEN-OWNED BUSINESS ENTERPRISE

GROUND WATER MONITOR WELL FIELD DATA SHEET

Project Name: Lubricant Packaging Project Number: 336034 Well ID: LMW-01

Weather: 48°, partly cloudy

WATER LEVEL DATA Date: 4.27.2022 Time: 1135 Well Locked? Yes ____ No X

(a) Total Sounded Well Depth 14.6 (feet)

(b) Depth to Water (below measuring point) 6.1 (feet)

(c) Height of Water Column 13.5 (feet)

*Volume Factors: 2-inch well = 0.163 gal/ft
(circle one) 4-inch well = 0.653 gal/ft
6-inch well = 1.468 gal/ft
8-inch well = 2.611 gal/ft

Well Volume ([c] x volume factor*) = 13.5 feet x 0.653 gallons/foot = 8.82 gallons

PURGE DATA Date: 4.27.2022 Time: 1135 start 1200 finish

Method: ____ Bailer
(Waterra, bailer, submersible pump, etc.)

Purge Volume (3 to 5 times well volume) = 3 volumes x 8.82 gallons/volume = 26.5 gallons

Did well dry out? Yes ____ No X Number of times N/A Actual Volume Removed: 26.5 gallons

PURGE/SAMPLING DATA

	Time	Temp	pH	Conductivity	DO	ORP	Turbidity
start purge	1135	10.50°C	6.37	0.392 mS/cm	5.31 mg/L	37.5	—
Before sample	1200	11.03°C	6.40	0.412 mS/cm	3.01 mg/L	91.6	—

Appearance (visual turbidity) ~~Very cloudy~~ Clear Color ~~light brown~~ N/A Odor None

Sampling Method: Bailer

Constituents Sampled	Container Description	Preservative	Filtered?
VOCs by 8260C	3, 40mL Vials	HCL	yes ___ no X
			yes ___ no ___
			yes ___ no ___

COMMENTS

Personnel: Casey M and Elijah N

MS/MSD

PRECISION
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GROUND WATER MONITOR WELL FIELD DATA SHEET

Project Name: Lubricant Packaging Project Number: 336034 Well ID: LMW-02

Weather: 48°, partly cloudy

WATER LEVEL DATA Date: 4.27.2022 Time: 1057 Well Locked? Yes ____ No X

(a) Total Sounded Well Depth 17.6 (feet)

(b) Depth to Water (below measuring point) 6.2 (feet)

(c) Height of Water Column 11.4 (feet)

*Volume Factors: 2-inch well = 0.163 gal/ft
(circle one) 4-inch well = 0.653 gal/ft
6-inch well = 1.468 gal/ft
8-inch well = 2.611 gal/ft

Well Volume ([c] x volume factor*) = 11.4 feet x 0.653 gallons/foot = 7.44 gallons

PURGE DATA Date: 4.27.2022 Time: 1057 start 1116 finish

Method: ____ Bailer
(Waterra, bailer, submersible pump, etc.)

Purge Volume (3 to 5 times well volume) = 3 volumes x 7.44 gallons/volume = 225 gallons

Did well dry out? Yes ____ No X Number of times N/A Actual Volume Removed: 22.5 gallons

PURGE/SAMPLING DATA

	Time	Temp	pH	Conductivity	DO	ORP	Turbidity
start purge	1057	9.17°C	7.27	0.585mS/cm	7.20mg/L	-46.9	—
Before sample	1116	9.06°C	6.55	0.290mS/cm	5.23mg/L	27.0	—

Appearance (visual turbidity) Very cloudy Color Light brown Odor None

Sampling Method: Bailer

Constituents Sampled	Container Description	Preservative	Filtered?
VOCs by 8260C	3, 40mL Vials	HCL	yes ___ no X
MS/MSD	6 40mL Vials	HCl	yes ___ no X
			yes ___ no ___

COMMENTS

Personnel: Casey M and Elijah N

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GROUND WATER MONITOR WELL FIELD DATA SHEET

Project Name: Lubricant Packaging Project Number: 336034 Well ID: LMW-03

Weather: 48°, partly cloudy

WATER LEVEL DATA Date: 4.27.2022 Time: 1231 Well Locked? Yes ____ No X

(a) Total Sounded Well Depth 19.0 (feet)

(b) Depth to Water (below measuring point) 9.9 (feet)

(c) Height of Water Column 9.1 (feet)

*Volume Factors: 2-inch well = 0.163 gal/ft
(circle one) (4-inch well) = 0.653 gal/ft
6-inch well = 1.468 gal/ft
8-inch well = 2.611 gal/ft

Well Volume ([c] x volume factor*) = 9.1 feet x 0.653 gallons/foot = 5.94 gallons

PURGE DATA Date: 4.27.2022 Time: 1231 start 1251 finish

Method: ____ Bailer
(Waterra, bailer, submersible pump, etc.)

Purge Volume (3 to 5 times well volume) = 3 volumes x 5.94 gallons/volume = 18 gallons

Did well dry out? Yes ____ No X Number of times N/A Actual Volume Removed: 18 gallons

PURGE/SAMPLING DATA

	Time	Temp	pH	Conductivity	DO	ORP	Turbidity
Start purge	1231	10.54°C	8.01	0.207 mS/cm	4.67 mg/L	92.8	—
Before sample	1251	10.00°C	7.18	0.212 mS/cm	5.05 mg/L	118.2	—

Appearance (visual turbidity) Clear Color N/A Odor None

Sampling Method: Bailer

Constituents Sampled	Container Description	Preservative	Filtered?
VOCs by 8260C	3, 40mL Vials	HCL	yes ___ no X
			yes ___ no ___
			yes ___ no ___

COMMENTS

Personnel: ___ Casey M and Elijah N

PRECISION
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GROUND WATER MONITOR WELL FIELD DATA SHEET

Project Name: Lubricant Packaging Project Number: 336034 Well ID: LMW-04

Weather: 48°, partly cloudy

WATER LEVEL DATA Date: 4.27.2022 Time: 1247 Well Locked? Yes ____ No X

(a) Total Sounded Well Depth 18.8 (feet)

(b) Depth to Water (below measuring point) 7.8 (feet)

(c) Height of Water Column 11.0 (feet)

*Volume Factors: 2-inch well = 0.163 gal/ft
(circle one) 4-inch well = 0.653 gal/ft
6-inch well = 1.468 gal/ft
8-inch well = 2.611 gal/ft

Well Volume ([c] x volume factor*) = 11.0 feet x 0.653 gallons/foot = 7.18 gallons

PURGE DATA Date: 4.27.2022 Time: 1247 start 1310 finish

Method: ____ Bailer
(Waterra, bailer, submersible pump, etc.)

Purge Volume (3 to 5 times well volume) = 3 volumes x 7.18 gallons/volume = 21.5 gallons

Did well dry out? Yes ____ No X Number of times N/A Actual Volume Removed: 21.5 gallons

PURGE/SAMPLING DATA

	Time	Temp	pH	Conductivity	DO	ORP	Turbidity
start purge	1247	10.53°C	7.17	0.353 mS/cm	2.20 mg/L	122.9	—
before sample	~~1247~~ 1310	10.23°C	7.00	0.676 mS/cm	3.17 mg/L	125.6	—

Appearance (visual turbidity) Clear Color N/A Odor None

Sampling Method: Bailer

Constituents Sampled	Container Description	Preservative	Filtered?
VOCs by 8260C	3, 40mL Vials	HCL	yes ___ no X
			yes ___ no ___
			yes ___ no ___

COMMENTS

Personnel: ___ Casey M and Elijah N

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GROUND WATER MONITOR WELL FIELD DATA SHEET

Project Name: Lubricant Packaging Project Number: 336034 Well ID: LMW-05

Weather: 48°, partly cloudy

WATER LEVEL DATA Date: 4.27.2022 Time: 1202 Well Locked? Yes ____ No X

(a) Total Sounded Well Depth 48.0 (feet)

(b) Depth to Water (below measuring point) 6.9 (feet)

(c) Height of Water Column 41.1 (feet)

*Volume Factors: (circle one) (2-inch well) = 0.163 gal/ft; 4-inch well = 0.653 gal/ft; 6-inch well = 1.468 gal/ft; 8-inch well = 2.611 gal/ft

Well Volume ([c] x volume factor*) = 41.1 feet x 0.163 gallons/foot = 6.70 gallons

PURGE DATA Date: 4.27.2022 Time: 1202 start 1219 finish

Method: ____ Bailer
(Waterra, bailer, submersible pump, etc.)

Purge Volume (3 to 5 times well volume) = 3 volumes x 6.70 gallons/volume = 20.0 gallons

Did well dry out? Yes ____ No X Number of times N/A Actual Volume Removed: 20.0 gallons

PURGE/SAMPLING DATA

	Time	Temp	pH	Conductivity	DO	ORP	Turbidity
start purge	1202	10.91°C	10.71	0.708 mS/cm	4.45 mg/L	-55.5	—
before sample	1219	12.93°C	10.73	0.701 mS/cm	3.62 mg/L	-34.7	—

Appearance (visual turbidity) Clear Color N/A Odor None

Sampling Method: Bailer

Constituents Sampled	Container Description	Preservative	Filtered?
VOCs by 8260C	3, 40mL Vials	HCL	yes ___ no X
			yes ___ no ___
			yes ___ no ___

COMMENTS

Personnel: ___ Casey M and Elijah N

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GROUND WATER MONITOR WELL FIELD DATA SHEET

Project Name: Lubricant Packaging Project Number 336034 Well ID: LMW-11

Weather: 48°, partly cloudy

WATER LEVEL DATA Date: 4.27.2022 Time: 1113 Well Locked? Yes ____ No X

(a) Total Sounded Well Depth 13.0 (feet)

(b) Depth to Water (below measuring point) ~~13.7~~ 6.7 (feet)

(c) Height of Water Column 6.3 (feet)

*Volume Factors: (circle one) (2-inch well) = 0.163 gal/ft; 4-inch well = 0.653 gal/ft; 6-inch well = 1.468 gal/ft; 8-inch well = 2.611 gal/ft

Well Volume ([c] x volume factor*) = 6.3 feet x 0.163 gallons/foot = 1.0 gallons

PURGE DATA Date: 4.27.2022 Time: 1113 start 1126 finish

Method: ____ Bailer
(Waterra, bailer, submersible pump, etc.)

Purge Volume (3 to 5 times well volume) = 3 volumes x 1.0 gallons/volume = 3.0 gallons

Did well dry out? Yes ____ No X Number of times N/A Actual Volume Removed: 3.0 gallons

PURGE/SAMPLING DATA

	Time	Temp	pH	Conductivity	DO	ORP	Turbidity
start purge	1113	8.72°C	6.63	0.869 mS/cm	21.6 mg/L	-97.2	—
before sample	1126	~~5.97~~ 8.67°C	6.74	0.665 mS/cm	11.22 mg/L	-31.1	—

Appearance (visual turbidity) Very cloudy Color Light brown Odor None

Sampling Method: Bailer

Constituents Sampled	Container Description	Preservative	Filtered?
VOCs by 8260C	3, 40mL Vials	HCL	yes ___ no X
			yes ___ no ___
			yes ___ no ___

COMMENTS

Personnel: ___ Casey M and Elijah N

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GROUND WATER MONITOR WELL FIELD DATA SHEET

Project Name: Lubricant Packaging Project Number: 336034 Well ID: LMW-11

Weather: 48°, partly cloudy

WATER LEVEL DATA Date: 4.27.2022 Time: 1130 Well Locked? Yes ____ No X

(a) Total Sounded Well Depth 12.7 (feet)

(b) Depth to Water (below measuring point) 6.6 (feet)

(c) Height of Water Column 6.1 (feet)

*Volume Factors: (circle one) 2-inch well = 0.163 gal/ft; 4-inch well = 0.653 gal/ft; 6-inch well = 1.468 gal/ft; 8-inch well = 2.611 gal/ft

Well Volume ([c] x volume factor*) = 6.1 feet x 0.163 gallons/foot = 0.99 gallons

PURGE DATA Date: 4.27.2022 Time: 1130 start 1137 finish

Method: ____ Bailer
(Waterra, bailer, submersible pump, etc.)

Purge Volume (3 to 5 times well volume) = 3 volumes x 0.99 gallons/volume = 3.0 gallons

Did well dry out? Yes ____ No X Number of times N/A Actual Volume Removed: 3.0 gallons

PURGE/SAMPLING DATA

	Time	Temp	pH	Conductivity	DO	ORP	Turbidity
Start purge	1130	8.95°C	6.58	0.668mS/cm	9.75mg/L	-48.7	—
Before sample	1137	8.81°C	6.50	0.476mS/cm	9.95mg/L	-36.1	—

Appearance (visual turbidity) Very cloudy Color Light brown Odor None

Sampling Method: Bailer

Constituents Sampled	Container Description	Preservative	Filtered?
VOCs by 8260C	3, 40mL Vials	HCL	yes ___ no X
			yes ___ no ___
			yes ___ no ___

COMMENTS

Personnel: ___ Casey M and Elijah N

DUP A

PRECISION
ENVIRONMENTAL SERVICES, INC.
831 RT. 67, LOT 38 A
BALLSTON SPA, NY 12020
TEL: 518-885-4399
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CERTIFIED WOMEN-OWNED BUSINESS ENTERPRISE

GROUND WATER MONITOR WELL FIELD DATA SHEET

Project Name: Lubricant Packaging Project Number: 336034 Well ID: MW-09

Weather: 48°, partly cloudy

WATER LEVEL DATA Date: 4.27.2022 Time: 1321 Well Locked? Yes ____ No X

(a) Total Sounded Well Depth 14.8 (feet)

(b) Depth to Water (below measuring point) 6.0 (feet)

(c) Height of Water Column 8.8 (feet)

*Volume Factors: (circle one) 2-inch well = 0.163 gal/ft; 4-inch well = 0.653 gal/ft; 6-inch well = 1.468 gal/ft; 8-inch well = 2.611 gal/ft

Well Volume ([c] x volume factor*) = 8.8 feet x 0.653 gallons/foot = 5.75 gallons

PURGE DATA Date: 4.27.2022 Time: 1321 start 1340 finish

Method: ____ Bailer
(Waterra, bailer, submersible pump, etc.)

Purge Volume (3 to 5 times well volume) = 3 volumes x 5.75 gallons/volume = 17.25 gallons

Did well dry out? Yes ____ No X Number of times N/A Actual Volume Removed: 17.25 gallons

PURGE/SAMPLING DATA

Time	Temp	pH	Conductivity	DO	ORP	Turbidity
start purge 1321	8.78°C	8.46	0.142 mS/cm	19.20mg/L	111.6	—
Before sample 1340	8.44°C	7.52	0.262mS/cm	15.26mg/L	-45.3	—

Appearance (visual turbidity) Slightly cloudy Color Slightly yellow Odor None

Sampling Method: Bailer

Constituents Sampled	Container Description	Preservative	Filtered?
VOCs by 8260C	3, 40mL Vials	HCL	yes ___ no X
Dup A	11	11	yes ___ no X
			yes ___ no ___

COMMENTS

Personnel: ___ Casey M and Elijah N

PRECISION
ENVIRONMENTAL SERVICES, INC.
831 RT. 67, LOT 38 A
BALLSTON SPA, NY 12020
TEL: 518-885-4399
FAX: 518-885-4416
CERTIFIED WOMEN-OWNED BUSINESS ENTERPRISE

GROUND WATER MONITOR WELL FIELD DATA SHEET

Project Name: Lubricant Packaging Project Number 336034 Well ID: MW-206

Weather: 48°, partly cloudy

WATER LEVEL DATA Date: 4.27.2022 Time: 1350 Well Locked? Yes ____ No X

(a) Total Sounded Well Depth >103.0' (feet)

(b) Depth to Water (below measuring point) 6.4 (feet)

(c) Height of Water Column At least 96.6 (feet)

*Volume Factors: 2-inch well = 0.163 gal/ft
(circle one) 4-inch well = 0.653 gal/ft
6-inch well = 1.468 gal/ft
8-inch well = 2.611 gal/ft

Well Volume ([c] x volume factor*) = 96.6 feet x 0.653 gallons/foot = 63 gallons

PURGE DATA Date: 4.27.2022 Time: 1350 start 1410 finish

Method: ____ Bailer
(Waterra, bailer, submersible pump, etc.)

Purge Volume (3 to 5 times well volume) = 3 volumes x 63 gallons/volume = 189 gallons

Did well dry out? Yes ____ No X Number of times N/A Actual Volume Removed: 2.5 gallons

PURGE/SAMPLING DATA

	Time	Temp	pH	Conductivity	DO	ORP	Turbidity
start purge	1350	10.46°C	7.57	1.459 mS/cm	6.11 mg/L	-179.0	—
Before sample	1410	9.86°C	7.75	1.552 mS/cm	6.13 mg/L	-151.6	—

Appearance (visual turbidity) slightly cloudy Color slightly orange Odor None

Sampling Method: Bailer

Constituents Sampled	Container Description	Preservative	Filtered?
VOCs by 8260C	3, 40mL Vials	HCL	yes ___ no X
			yes ___ no ___
			yes ___ no ___

COMMENTS

Personnel: ___ Casey M and Elijah N

PRECISION
ENVIRONMENTAL SERVICES, INC.
831 RT. 67, LOT 38 A
BALLSTON SPA, NY 12020
TEL: 518-886-4399
FAX: 518-885-4416
CERTIFIED WOMEN-OWNED BUSINESS ENTERPRISE

GROUND WATER MONITOR WELL FIELD DATA SHEET

Project Name: Lubricant Packaging Project Number: 336034 Well ID: MW-209

Weather: 48°, partly cloudy

WATER LEVEL DATA Date: 4.27.2022 Time: 1320 Well Locked? Yes ____ No X

(a) Total Sounded Well Depth >103.0 (feet)

(b) Depth to Water (below measuring point) 0.0 (feet)

(c) Height of Water Column Atleast 103.0 (feet)

*Volume Factors: 2-inch well = 0.163 gal/ft
(circle one) (4-inch well) = 0.653 gal/ft
6-inch well = 1.468 gal/ft
8-inch well = 2.611 gal/ft

Well Volume ([c] x volume factor*) = 103.0 feet x 0.653 gallons/foot = 67.26 gallons

PURGE DATA Date: 4.27.2022 Time: 1320 start 1336 finish

Method: ____ Bailer
(Waterra, bailer, submersible pump, etc.)

Purge Volume (3 to 5 times well volume) = 3 volumes x 67.26 gallons/volume = 202 gallons

Did well dry out? Yes ____ No X Number of times N/A Actual Volume Removed: 25 gallons artesian purge + well production

PURGE/SAMPLING DATA

	Time	Temp	pH	Conductivity	DO	ORP	Turbidity
start purge	1320	9.98°C	7.08	0.843mS/cm	11.40mg/L	-99.3	—
Before sample	1336	10.22°C	7.00	1.624mS/cm	9.56mg/L	-81.9	—

Appearance (visual turbidity) Clear w/ flecks of carbon and rust Color ~~N/A~~ Gray Odor ~~None~~ Strong sulphur

Sampling Method: Bailer

Constituents Sampled	Container Description	Preservative	Filtered?
VOCs by 8260C	3, 40mL Vials	HCL	yes ___ no X
			yes ___ no ___
			yes ___ no ___

COMMENTS

Well is actively running

Personnel: ___ Casey M and Elijah N

MONITORING WELL INSPECTION FORM AND PURGE LOG

Site: Lubrizol Packaging Co

Date: 5/4/22

Company: Precision Environmental Svcs., Inc,

Time: 1010

Inspector:

Weather: Rain

Signature:

WELL ID: MW-6

EXTERIOR ITEMS:

Protective Casing/Manhole:

Lock/Hasp: V

Hinge/Lid: V

Well Pad:

Bollards:

Label/ID: 6 on cover

Other (Specify): In middle of Pond

INTERIOR ITEMS:

Well Riser:

Annular Space:

Well Cap/Plug: L

Well Diameter: 2 inch

Depth to Water: 1.5

Depth to Bottom: 7.4

Other (Specify):

Purging/ Sampling Device:

Tubing Type:

Tubing Inlet Location:

PURGE PARAMETERS

TIME	Flow Rate	pH	TEMP	TDS	DO	TURB	ORP	COND		
950		8.17	10.38	0.56	194.8		46.0	1.112		
1010		7.59	9.89	0.41	113.6		37.4	0.815		

Sensing Equipment: YSI

Sampling Personnel: EN

Notes/Comments:

MONITORING WELL INSPECTION FORM AND PURGE LOG

Site: Lubricant packaging bldg

Date: 5/24/22

Time: 1040

Weather: Rain

Company: Precision Environmental Svcs., Inc,

Inspector:

Signature:

WELL ID: LMW-[redacted]

EXTERIOR ITEMS:

Protective Casing/Manhole: ✓

Lock/Hasp:

Hinge/Lid:

Well Pad:

Bollards:

Label/ID:

Other (Specify):

INTERIOR ITEMS:

Well Riser:

Annular Space:

Well Cap/Plug: ✓

Well Diameter:

Depth to Water: 2.43

Depth to Bottom: 13.18

Other (Specify):

Purging/ Sampling Device

Tubing Type:

Tubing Inlet Location:

PURGE PARAMETERS

TIME	Flow Rate	pH	TEMP	TDS	DO	TURB	ORP	COND		
10:15		8.06	11.05	0.09	154.9		-73.5	0.198		
10:40		7.40	11.13	0.31	71.2		-20.3	0.639		

Sensing Equipment: YSI

Sampling Personnel: EW

Notes/Comments:

MONITORING WELL INSPECTION FORM AND PURGE LOG

Site: _____

Date: 2/4/22
Time: 1220
Weather: Rain

Company: Precision Environmental Svcs., Inc,
Inspector:
Signature:

WELL ID: L-MW-14

EXTERIOR ITEMS:

Protective Casing/Manhole: ✓
Lock/Hasp:
Hinge/Lid:
Well Pad:
Bollards:
Label/ID:
Other (Specify):

INTERIOR ITEMS:

Well Riser:
Annular Space:
Well Cap/Plug: ✓
Well Diameter:
Depth to Water: 2.1
Depth to Bottom: 23.3
Other (Specify):

Purging/ Sampling Device: _____ Tubing Type: _____ Tubing Inlet Location: _____

PURGE PARAMETERS

TIME	Flow Rate	pH	TEMP	TDS	DO	TURB	ORP	COND		
1200		7.46	11.97	0.32	47.0		42.3	0653		
1220		7.72	10.27	0.31	38.2		48.0	0.628		

Sensing Equipment: YSI
Sampling Personnel: EN
Notes/Comments:

MONITORING WELL INSPECTION FORM AND PURGE LOG

Site: _____

Date: 5/4/24

Time:

Weather: Rain

Company: Precision Environmental Svcs., Inc,

Inspector:

Signature:

WELL ID: LMW-13

EXTERIOR ITEMS:

Protective Casing/Manhole: ✓

Lock/Hasp:

Hinge/Lid:

Well Pad:

Bollards:

Label/ID:

Other (Specify):

INTERIOR ITEMS:

Well Riser:

Annular Space:

Well Cap/Plug:

Well Diameter:

Depth to Water: 3.-

Depth to Bottom: 16.5

Other (Specify):

Purging/ Sampling Device

Tubing Type:

Tubing Inlet Location:

PURGE PARAMETERS

TIME	Flow Rate	pH	TEMP	TDS	DO	TURB	ORP	COND		
1170		7.58	11.13	0.34	8.50		-42.5	0.633		
1110		7.38	11.56	0.341	5.6		-41.5	0.699		

Sensing Equipment: YSI

Sampling Personnel: EN

Notes/Comments:

Attachment B

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
Phoenix Environmental Laboratories, Inc.
SDG: GCK89343

9 Soil Vapor/Air Samples and 1 Field Duplicate
Collected March 15, 2022

Prepared by: Donald Anné
April 18, 2022

The data packages contain the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 9 soil vapor/air samples and 1 field duplicate analyzed for TO15 volatiles.

The overall performances of the analyses are acceptable. Phoenix Environmental Laboratories, Inc. did fulfill the requirements of the analytical method.

The data are acceptable with some minor issues that are identified in the accompanying data validation reviews. The following data were flagged:

- The positive volatile results for ethanol in samples IA-07, IA-05, IA-04, SS-SV-06, and IA-06 were quantitated using data that were extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The results for ethanol marked "E" in the samples were qualified as estimated (J).

- The positive volatile results for isopropyl alcohol in samples IA-05 and IA-04 were quantitated using data that were extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The results for isopropyl alcohol marked "E" in the samples were qualified as estimated (J).

- The positive volatile result for acetone in sample IA-07 was quantitated using data that was extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The result for acetone marked "E" in the sample was qualified as estimated (J).

- The positive volatile results for 1,2,4-trimethylbenzene, acetone, ethanol, and toluene were qualified as estimated (J) in samples SS-SV-05 and DUP because the relative percent differences for 1,2,4-trimethylbenzene, acetone, ethanol, and toluene were above the allowable maximum in the soil field duplicate pairs-SV-05/DUP.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

Qualified Data Section

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 08, 2022

FOR: Attn: Mr. Brian Neumann
Precision Env. Services, Inc.
831 Route 67 Lot 38A
Ballston Spa, NY 12020

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	PS	03/15/22	8:55
Location Code:	PRECISIN	Received by:	LB	03/17/22	16:44
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	215				

Laboratory Data

SDG ID: GCK89343
Phoenix ID: CK89343

Project ID: LUB PACKAGE/SITE 33604
Client ID: SS-SV-07

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/18/22	KCA	1	1
1,1,1-Trichloroethane	0.329	*0.100*	0.100	1.79	*0.55*	0.55	03/18/22	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/18/22	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/18/22	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/18/22	KCA	1	
1,1-Dichloroethene	ND	*0.025*	0.025	ND	*0.10*	0.10	03/18/22	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2,4-Trimethylbenzene	0.456	*0.204*	0.204	2.24	*1.00*	1.00	03/18/22	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/18/22	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/22	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/18/22	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/22	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/22	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/18/22	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/18/22	KCA	1	1
4-Ethyltoluene	0.242	*0.204*	0.204	1.19	*1.00*	1.00	03/18/22	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/18/22	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/18/22	KCA	1	
Acetone	2.30	*0.421*	0.421	5.46	*1.00*	1.00	03/18/22	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/18/22	KCA	1	
Benzene	ND	*0.313*	0.313	ND	*1.00*	1.00	03/18/22	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/18/22	KCA	1	

Project ID: LUB PACKAGE/SITE 33604 Phoenix I.D.: CK89343

Client ID: SS-SV-07

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	0.149	ND	*1.00*	1.00	03/18/22	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/18/22	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/18/22	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/18/22	KCA	1	
Carbon Tetrachloride	0.075	*0.015*	0.015	0.47	*0.09*	0.09	03/18/22	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/18/22	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/18/22	KCA	1	
Chloroform	0.924	*0.205*	0.205	4.51	*1.00*	1.00	03/18/22	KCA	1	
Chloromethane	ND	*0.485*	0.485	ND	*1.00*	1.00	03/18/22	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.025*	0.025	ND	*0.10*	0.10	03/18/22	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/18/22	KCA	1	
Cyclohexane	ND	*0.291*	0.291	ND	*1.00*	1.00	03/18/22	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/18/22	KCA	1	
Dichlorodifluoromethane	0.456	*0.202*	0.202	2.25	*1.00*	1.00	03/18/22	KCA	1	
Ethanol	2.67	*0.531*	0.531	5.03	*1.00*	1.00	03/18/22	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	03/18/22	KCA	1	1
Ethylbenzene	ND	*0.230*	0.230	ND	*1.00*	1.00	03/18/22	KCA	1	
Heptane	ND	*0.244*	0.244	ND	*1.00*	1.00	03/18/22	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/18/22	KCA	1	
Hexane	ND	*0.284*	0.284	ND	*1.00*	1.00	03/18/22	KCA	1	
Isopropylalcohol	0.685	*0.250*	0.250	1.68	*0.61*	0.61	03/18/22	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/22	KCA	1	
m,p-Xylene	0.690	*0.230*	0.230	2.99	*1.00*	1.00	03/18/22	KCA	1	
Methyl Ethyl Ketone	ND	*0.339*	0.339	ND	*1.00*	1.00	03/18/22	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/18/22	KCA	1	
Methylene Chloride	0.284	*0.250*	0.250	0.99	*0.87*	0.87	03/18/22	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/18/22	KCA	1	1
o-Xylene	0.270	*0.230*	0.230	1.17	*1.00*	1.00	03/18/22	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/18/22	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/18/22	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/18/22	KCA	1	
Tetrachloroethene	6.83	*0.037*	0.037	46.3	*0.25*	0.25	03/18/22	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/18/22	KCA	1	1
Toluene	0.719	*0.266*	0.266	2.71	*1.00*	1.00	03/18/22	KCA	1	
Trans-1,2-Dichloroethene	0.326	*0.252*	0.252	1.29	*1.00*	1.00	03/18/22	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/18/22	KCA	1	
Trichloroethene	1.87	*0.018*	0.018	10.0	*0.10*	0.10	03/18/22	KCA	1	
Trichlorofluoromethane	0.215	*0.178*	0.178	1.21	*1.00*	1.00	03/18/22	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/18/22	KCA	1	
Vinyl Chloride	ND	*0.038*	0.038	ND	*0.10*	0.10	03/18/22	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	98	*%*	%	98	*%*	%	03/18/22	KCA	1	
% IS-1,4-Difluorobenzene	84	*%*	%	84	*%*	%	03/18/22	KCA	1	
% IS-Bromochloromethane	88	*%*	%	88	*%*	%	03/18/22	KCA	1	
% IS-Chlorobenzene-d5	86	*%*	%	86	*%*	%	03/18/22	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
April 08, 2022
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 08, 2022

FOR: Attn: Mr. Brian Neumann
Precision Env. Services, Inc.
831 Route 67 Lot 38A
Ballston Spa, NY 12020

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	PS	03/15/22	8:57
Location Code:	PRECISIN	Received by:	LB	03/17/22	16:44
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28607				

Laboratory Data

SDG ID: GCK89343
Phoenix ID: CK89344

Project ID: LUB PACKAGE/SITE 33604
Client ID: IA-07

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/18/22	KCA	1	1
1,1,1-Trichloroethane	ND	*0.100*	0.100	ND	*0.55*	0.55	03/18/22	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/18/22	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/18/22	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/18/22	KCA	1	
1,1-Dichloroethene	ND	*0.025*	0.025	ND	*0.10*	0.10	03/18/22	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/18/22	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/22	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/18/22	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/22	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/22	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/18/22	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/18/22	KCA	1	1
4-Ethyltoluene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/22	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/18/22	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/18/22	KCA	1	
Acetone	117 J E	*0.421*	0.421	278 J	*1.00*	1.00	03/18/22	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/18/22	KCA	1	
Benzene	ND	*0.313*	0.313	ND	*1.00*	1.00	03/18/22	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/18/22	KCA	1	

Project ID: LUB PACKAGE/SITE 33604 Phoenix I.D.: CK89344

Client ID: IA-07

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	0.149	ND	*1.00*	1.00	03/18/22	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/18/22	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/18/22	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/18/22	KCA	1	
Carbon Tetrachloride	0.070	*0.015*	0.015	0.44	*0.09*	0.09	03/18/22	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/18/22	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/18/22	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/18/22	KCA	1	
Chloromethane	0.545	*0.485*	0.485	1.12	*1.00*	1.00	03/18/22	KCA	1	
Cis-1,2-Dichloroethene	0.053	*0.025*	0.025	0.21	*0.10*	0.10	03/18/22	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/18/22	KCA	1	
Cyclohexane	ND	*0.291*	0.291	ND	*1.00*	1.00	03/18/22	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/18/22	KCA	1	
Dichlorodifluoromethane	0.420	*0.202*	0.202	2.08	*1.00*	1.00	03/18/22	KCA	1	
Ethanol	816 J E	*0.531*	0.531	1540 J	*1.00*	1.00	03/18/22	KCA	1	1
Ethyl acetate	0.838	*0.278*	0.278	3.02	*1.00*	1.00	03/18/22	KCA	1	1
Ethylbenzene	ND	*0.230*	0.230	ND	*1.00*	1.00	03/18/22	KCA	1	
Heptane	ND	*0.244*	0.244	ND	*1.00*	1.00	03/18/22	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/18/22	KCA	1	
Hexane	0.469	*0.284*	0.284	1.65	*1.00*	1.00	03/18/22	KCA	1	
Isopropylalcohol	25.5	*0.407*	0.407	62.6	*1.00*	1.00	03/18/22	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/22	KCA	1	
m,p-Xylene	0.592	*0.230*	0.230	2.57	*1.00*	1.00	03/18/22	KCA	1	
Methyl Ethyl Ketone	0.526	*0.339*	0.339	1.55	*1.00*	1.00	03/18/22	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/18/22	KCA	1	
Methylene Chloride	2.42	*0.250*	0.250	8.40	*0.87*	0.87	03/18/22	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/18/22	KCA	1	1
o-Xylene	ND	*0.230*	0.230	ND	*1.00*	1.00	03/18/22	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/18/22	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/18/22	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/18/22	KCA	1	
Tetrachloroethene	0.113	*0.037*	0.037	0.77	*0.25*	0.25	03/18/22	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/18/22	KCA	1	1
Toluene	2.93	*0.266*	0.266	11.0	*1.00*	1.00	03/18/22	KCA	1	
Trans-1,2-Dichloroethene	2.34	*0.252*	0.252	9.27	*1.00*	1.00	03/18/22	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/18/22	KCA	1	
Trichloroethene	ND	*0.018*	0.018	ND	*0.10*	0.10	03/18/22	KCA	1	
Trichlorofluoromethane	0.187	*0.178*	0.178	1.05	*1.00*	1.00	03/18/22	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/18/22	KCA	1	
Vinyl Chloride	ND	*0.038*	0.038	ND	*0.10*	0.10	03/18/22	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	100	*%*	%	100	*%*	%	03/18/22	KCA	1	
% IS-1,4-Difluorobenzene	94	*%*	%	94	*%*	%	03/18/22	KCA	1	
% IS-Bromochloromethane	95	*%*	%	95	*%*	%	03/18/22	KCA	1	
% IS-Chlorobenzene-d5	91	*%*	%	91	*%*	%	03/18/22	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
April 08, 2022
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX
Environmental Laboratories, Inc.
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 08, 2022

FOR: Attn: Mr. Brian Neumann
Precision Env. Services, Inc.
831 Route 67 Lot 38A
Ballston Spa, NY 12020

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	PS	03/15/22	9:56
Location Code:	PRECISIN	Received by:	LB	03/17/22	16:44
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	494				

Laboratory Data

SDG ID: GCK89343
Phoenix ID: CK89345

Project ID: LUB PACKAGE/SITE 33604
Client ID: SS-SV-05

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result		ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)												
1,1,1,2-Tetrachloroethane	ND		*0.146*	0.146	ND		*1.00*	1.00	03/18/22	KCA	1	1
1,1,1-Trichloroethane	1.99		*0.100*	0.100	10.9		*0.55*	0.55	03/18/22	KCA	1	
1,1,2,2-Tetrachloroethane	ND		*0.146*	0.146	ND		*1.00*	1.00	03/18/22	KCA	1	
1,1,2-Trichloroethane	ND		*0.183*	0.183	ND		*1.00*	1.00	03/18/22	KCA	1	
1,1-Dichloroethane	ND		*0.247*	0.247	ND		*1.00*	1.00	03/18/22	KCA	1	
1,1-Dichloroethene	ND		*0.025*	0.025	ND		*0.10*	0.10	03/18/22	KCA	1	
1,2,4-Trichlorobenzene	ND		*0.135*	0.135	ND		*1.00*	1.00	03/18/22	KCA	1	
1,2,4-Trimethylbenzene	0.566	J	*0.204*	0.204	2.78	J	*1.00*	1.00	03/18/22	KCA	1	
1,2-Dibromoethane(EDB)	ND		*0.130*	0.130	ND		*1.00*	1.00	03/18/22	KCA	1	
1,2-Dichlorobenzene	ND		*0.166*	0.166	ND		*1.00*	1.00	03/18/22	KCA	1	
1,2-Dichloroethane	ND		*0.247*	0.247	ND		*1.00*	1.00	03/18/22	KCA	1	
1,2-dichloropropane	ND		*0.217*	0.217	ND		*1.00*	1.00	03/18/22	KCA	1	
1,2-Dichlorotetrafluoroethane	ND		*0.143*	0.143	ND		*1.00*	1.00	03/18/22	KCA	1	
1,3,5-Trimethylbenzene	ND		*0.204*	0.204	ND		*1.00*	1.00	03/18/22	KCA	1	
1,3-Butadiene	ND		*0.452*	0.452	ND		*1.00*	1.00	03/18/22	KCA	1	
1,3-Dichlorobenzene	ND		*0.166*	0.166	ND		*1.00*	1.00	03/18/22	KCA	1	
1,4-Dichlorobenzene	ND		*0.166*	0.166	ND		*1.00*	1.00	03/18/22	KCA	1	
1,4-Dioxane	0.362		*0.278*	0.278	1.30		*1.00*	1.00	03/18/22	KCA	1	
2-Hexanone(MBK)	ND		*0.244*	0.244	ND		*1.00*	1.00	03/18/22	KCA	1	1
4-Ethyltoluene	0.409		*0.204*	0.204	2.01		*1.00*	1.00	03/18/22	KCA	1	1
4-Isopropyltoluene	ND		*0.182*	0.182	ND		*1.00*	1.00	03/18/22	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND		*0.244*	0.244	ND		*1.00*	1.00	03/18/22	KCA	1	
Acetone	2.16	J	*0.421*	0.421	5.13	J	*1.00*	1.00	03/18/22	KCA	1	
Acrylonitrile	ND		*0.461*	0.461	ND		*1.00*	1.00	03/18/22	KCA	1	
Benzene	ND		*0.313*	0.313	ND		*1.00*	1.00	03/18/22	KCA	1	
Benzyl chloride	ND		*0.193*	0.193	ND		*1.00*	1.00	03/18/22	KCA	1	

Project ID: LUB PACKAGE/SITE 33604 Phoenix I.D.: CK89345

Client ID: SS-SV-05

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result		ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	0.149	ND		*1.00*	1.00	03/18/22	KCA	1	
Bromoform	ND		*0.097*	0.097	ND		*1.00*	1.00	03/18/22	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND		*1.00*	1.00	03/18/22	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND		*1.00*	1.00	03/18/22	KCA	1	
Carbon Tetrachloride	0.074		*0.015*	0.015	0.47		*0.09*	0.09	03/18/22	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND		*1.00*	1.00	03/18/22	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND		*1.00*	1.00	03/18/22	KCA	1	
Chloroform	ND		*0.205*	0.205	ND		*1.00*	1.00	03/18/22	KCA	1	
Chloromethane	ND		*0.485*	0.485	ND		*1.00*	1.00	03/18/22	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.025*	0.025	ND		*0.10*	0.10	03/18/22	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND		*1.00*	1.00	03/18/22	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND		*1.00*	1.00	03/18/22	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND		*1.00*	1.00	03/18/22	KCA	1	
Dichlorodifluoromethane	0.470		*0.202*	0.202	2.32		*1.00*	1.00	03/18/22	KCA	1	
Ethanol	2.38	J	*0.531*	0.531	4.48	J	*1.00*	1.00	03/18/22	KCA	1	1
Ethyl acetate	ND		*0.278*	0.278	ND		*1.00*	1.00	03/18/22	KCA	1	1
Ethylbenzene	0.698		*0.230*	0.230	3.03		*1.00*	1.00	03/18/22	KCA	1	
Heptane	ND		*0.244*	0.244	ND		*1.00*	1.00	03/18/22	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND		*1.00*	1.00	03/18/22	KCA	1	
Hexane	0.351		*0.284*	0.284	1.24		*1.00*	1.00	03/18/22	KCA	1	
Isopropylalcohol	ND		*0.407*	0.407	ND		*1.00*	1.00	03/18/22	KCA	1	
Isopropylbenzene	0.791		*0.204*	0.204	3.89		*1.00*	1.00	03/18/22	KCA	1	
m,p-Xylene	3.91		*0.230*	0.230	17.0		*1.00*	1.00	03/18/22	KCA	1	
Methyl Ethyl Ketone	ND		*0.339*	0.339	ND		*1.00*	1.00	03/18/22	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND		*1.00*	1.00	03/18/22	KCA	1	
Methylene Chloride	0.766		*0.250*	0.250	2.66		*0.87*	0.87	03/18/22	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND		*1.00*	1.00	03/18/22	KCA	1	1
o-Xylene	1.57		*0.230*	0.230	6.81		*1.00*	1.00	03/18/22	KCA	1	
Propylene	4.00		*0.581*	0.581	6.88		*1.00*	1.00	03/18/22	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND		*1.00*	1.00	03/18/22	KCA	1	1
Styrene	ND		*0.235*	0.235	ND		*1.00*	1.00	03/18/22	KCA	1	
Tetrachloroethene	0.122		*0.037*	0.037	0.83		*0.25*	0.25	03/18/22	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND		*1.00*	1.00	03/18/22	KCA	1	1
Toluene	0.809	J	*0.266*	0.266	3.05	J	*1.00*	1.00	03/18/22	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND		*1.00*	1.00	03/18/22	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND		*1.00*	1.00	03/18/22	KCA	1	
Trichloroethene	0.487		*0.018*	0.018	2.62		*0.10*	0.10	03/18/22	KCA	1	
Trichlorofluoromethane	0.222		*0.178*	0.178	1.25		*1.00*	1.00	03/18/22	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND		*1.00*	1.00	03/18/22	KCA	1	
Vinyl Chloride	ND		*0.038*	0.038	ND		*0.10*	0.10	03/18/22	KCA	1	
QA/QC Surrogates/Internals												
% Bromofluorobenzene	102		*%*	%	102		*%*	%	03/18/22	KCA	1	
% IS-1,4-Difluorobenzene	84		*%*	%	84		*%*	%	03/18/22	KCA	1	
% IS-Bromochloromethane	87		*%*	%	87		*%*	%	03/18/22	KCA	1	
% IS-Chlorobenzene-d5	86		*%*	%	86		*%*	%	03/18/22	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director
April 08, 2022
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 08, 2022

FOR: Attn: Mr. Brian Neumann
Precision Env. Services, Inc.
831 Route 67 Lot 38A
Ballston Spa, NY 12020

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	PS	03/15/22	10:00
Location Code:	PRECISIN	Received by:	LB	03/17/22	16:44
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	19806				

Laboratory Data

SDG ID: GCK89343
Phoenix ID: CK89346

Project ID: LUB PACKAGE/SITE 33604
Client ID: IA-05

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/18/22	KCA	1	1
1,1,1-Trichloroethane	0.263	*0.100*	0.100	1.43	*0.55*	0.55	03/18/22	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/18/22	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/18/22	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/18/22	KCA	1	
1,1-Dichloroethene	ND	*0.025*	0.025	ND	*0.10*	0.10	03/18/22	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2,4-Trimethylbenzene	0.433	*0.204*	0.204	2.13	*1.00*	1.00	03/18/22	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/18/22	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/22	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/18/22	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/22	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/22	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/18/22	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/18/22	KCA	1	1
4-Ethyltoluene	0.358	*0.204*	0.204	1.76	*1.00*	1.00	03/18/22	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/18/22	KCA	1	1
4-Methyl-2-pentanone(MIBK)	1.34	*0.244*	0.244	5.49	*1.00*	1.00	03/18/22	KCA	1	
Acetone	13.5	*0.421*	0.421	32.0	*1.00*	1.00	03/18/22	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/18/22	KCA	1	
Benzene	ND	*0.313*	0.313	ND	*1.00*	1.00	03/18/22	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/18/22	KCA	1	

Project ID: LUB PACKAGE/SITE 33604 Phoenix I.D.: CK89346

Client ID: IA-05

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	0.149	ND	*1.00*	1.00	03/18/22	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/18/22	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/18/22	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/18/22	KCA	1	
Carbon Tetrachloride	0.075	*0.015*	0.015	0.47	*0.09*	0.09	03/18/22	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/18/22	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/18/22	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/18/22	KCA	1	
Chloromethane	0.583	*0.485*	0.485	1.20	*1.00*	1.00	03/18/22	KCA	1	
Cis-1,2-Dichloroethene	0.166	*0.025*	0.025	0.66	*0.10*	0.10	03/18/22	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/18/22	KCA	1	
Cyclohexane	ND	*0.291*	0.291	ND	*1.00*	1.00	03/18/22	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/18/22	KCA	1	
Dichlorodifluoromethane	0.453	*0.202*	0.202	2.24	*1.00*	1.00	03/18/22	KCA	1	
Ethanol	42.8 J E	*0.531*	0.531	80.6 J	*1.00*	1.00	03/18/22	KCA	1	1
Ethyl acetate	0.785	*0.278*	0.278	2.83	*1.00*	1.00	03/18/22	KCA	1	1
Ethylbenzene	0.379	*0.230*	0.230	1.64	*1.00*	1.00	03/18/22	KCA	1	
Heptane	0.812	*0.244*	0.244	3.33	*1.00*	1.00	03/18/22	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/18/22	KCA	1	
Hexane	ND	*0.284*	0.284	ND	*1.00*	1.00	03/18/22	KCA	1	
Isopropylalcohol	156 J E	*0.407*	0.407	383 J	*1.00*	1.00	03/18/22	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/22	KCA	1	
m,p-Xylene	1.45	*0.230*	0.230	6.29	*1.00*	1.00	03/18/22	KCA	1	
Methyl Ethyl Ketone	1.63	*0.339*	0.339	4.80	*1.00*	1.00	03/18/22	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/18/22	KCA	1	
Methylene Chloride	0.515	*0.250*	0.250	1.79	*0.87*	0.87	03/18/22	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/18/22	KCA	1	1
o-Xylene	0.410	*0.230*	0.230	1.78	*1.00*	1.00	03/18/22	KCA	1	
Propylene	2.34	*0.581*	0.581	4.02	*1.00*	1.00	03/18/22	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/18/22	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/18/22	KCA	1	
Tetrachloroethene	0.125	*0.037*	0.037	0.85	*0.25*	0.25	03/18/22	KCA	1	
Tetrahydrofuran	0.513	*0.339*	0.339	1.51	*1.00*	1.00	03/18/22	KCA	1	1
Toluene	4.42	*0.266*	0.266	16.6	*1.00*	1.00	03/18/22	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/18/22	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/18/22	KCA	1	
Trichloroethene	ND	*0.018*	0.018	ND	*0.10*	0.10	03/18/22	KCA	1	
Trichlorofluoromethane	0.212	*0.178*	0.178	1.19	*1.00*	1.00	03/18/22	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/18/22	KCA	1	
Vinyl Chloride	ND	*0.038*	0.038	ND	*0.10*	0.10	03/18/22	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	97	*%*	%	97	*%*	%	03/18/22	KCA	1	
% IS-1,4-Difluorobenzene	90	*%*	%	90	*%*	%	03/18/22	KCA	1	
% IS-Bromochloromethane	91	*%*	%	91	*%*	%	03/18/22	KCA	1	
% IS-Chlorobenzene-d5	90	*%*	%	90	*%*	%	03/18/22	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
April 08, 2022
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 08, 2022

FOR: Attn: Mr. Brian Neumann
Precision Env. Services, Inc.
831 Route 67 Lot 38A
Ballston Spa, NY 12020

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	PS	03/15/22	
Location Code:	PRECISIN	Received by:	LB	03/17/22	16:44
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	13639				

Laboratory Data

SDG ID: GCK89343
Phoenix ID: CK89347

Project ID: LUB PACKAGE/SITE 33604
Client ID: DUP

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/18/22	KCA	1	1
1,1,1-Trichloroethane	1.88	*0.100*	0.100	10.3	*0.55*	0.55	03/18/22	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/18/22	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/18/22	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/18/22	KCA	1	
1,1-Dichloroethene	ND	*0.025*	0.025	ND	*0.10*	0.10	03/18/22	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2,4-Trimethylbenzene	0.854 J	*0.204*	0.204	4.20 J	*1.00*	1.00	03/18/22	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/18/22	KCA	1	
1,3,5-Trimethylbenzene	0.218	*0.204*	0.204	1.07	*1.00*	1.00	03/18/22	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/18/22	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/22	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/22	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/18/22	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/18/22	KCA	1	1
4-Ethyltoluene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/22	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/18/22	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/18/22	KCA	1	
Acetone	2.84 J	*0.421*	0.421	6.74 J	*1.00*	1.00	03/18/22	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/18/22	KCA	1	
Benzene	ND	*0.313*	0.313	ND	*1.00*	1.00	03/18/22	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/18/22	KCA	1	

Project ID: LUB PACKAGE/SITE 33604 Phoenix I.D.: CK89347

Client ID: DUP

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	0.149	ND	*1.00*	1.00	03/18/22	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/18/22	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/18/22	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/18/22	KCA	1	
Carbon Tetrachloride	0.075	*0.015*	0.015	0.47	*0.09*	0.09	03/18/22	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/18/22	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/18/22	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/18/22	KCA	1	
Chloromethane	ND	*0.485*	0.485	ND	*1.00*	1.00	03/18/22	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.025*	0.025	ND	*0.10*	0.10	03/18/22	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/18/22	KCA	1	
Cyclohexane	ND	*0.291*	0.291	ND	*1.00*	1.00	03/18/22	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/18/22	KCA	1	
Dichlorodifluoromethane	0.455	*0.202*	0.202	2.25	*1.00*	1.00	03/18/22	KCA	1	
Ethanol	3.37 J	*0.531*	0.531	6.35 J	*1.00*	1.00	03/18/22	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	03/18/22	KCA	1	1
Ethylbenzene	0.794	*0.230*	0.230	3.45	*1.00*	1.00	03/18/22	KCA	1	
Heptane	0.251	*0.244*	0.244	1.03	*1.00*	1.00	03/18/22	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/18/22	KCA	1	
Hexane	0.376	*0.284*	0.284	1.32	*1.00*	1.00	03/18/22	KCA	1	
Isopropylalcohol	1.26	*0.407*	0.407	3.10	*1.00*	1.00	03/18/22	KCA	1	
Isopropylbenzene	0.769	*0.204*	0.204	3.78	*1.00*	1.00	03/18/22	KCA	1	
m,p-Xylene	4.32	*0.230*	0.230	18.7	*1.00*	1.00	03/18/22	KCA	1	
Methyl Ethyl Ketone	ND	*0.339*	0.339	ND	*1.00*	1.00	03/18/22	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/18/22	KCA	1	
Methylene Chloride	0.680	*0.250*	0.250	2.36	*0.87*	0.87	03/18/22	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/18/22	KCA	1	1
o-Xylene	1.75	*0.230*	0.230	7.59	*1.00*	1.00	03/18/22	KCA	1	
Propylene	3.65	*0.581*	0.581	6.28	*1.00*	1.00	03/18/22	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/18/22	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/18/22	KCA	1	
Tetrachloroethene	0.114	*0.037*	0.037	0.77	*0.25*	0.25	03/18/22	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/18/22	KCA	1	1
Toluene	1.08 J	*0.266*	0.266	4.07 J	*1.00*	1.00	03/18/22	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/18/22	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/18/22	KCA	1	
Trichloroethene	0.487	*0.018*	0.018	2.62	*0.10*	0.10	03/18/22	KCA	1	
Trichlorofluoromethane	0.209	*0.178*	0.178	1.17	*1.00*	1.00	03/18/22	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/18/22	KCA	1	
Vinyl Chloride	ND	*0.038*	0.038	ND	*0.10*	0.10	03/18/22	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	102	*%*	%	102	*%*	%	03/18/22	KCA	1	
% IS-1,4-Difluorobenzene	84	*%*	%	84	*%*	%	03/18/22	KCA	1	
% IS-Bromochloromethane	87	*%*	%	87	*%*	%	03/18/22	KCA	1	
% IS-Chlorobenzene-d5	85	*%*	%	85	*%*	%	03/18/22	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
April 08, 2022
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 08, 2022

FOR: Attn: Mr. Brian Neumann
Precision Env. Services, Inc.
831 Route 67 Lot 38A
Ballston Spa, NY 12020

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	PS	03/15/22	11:00
Location Code:	PRECISIN	Received by:	LB	03/17/22	16:44
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28595				

Laboratory Data

SDG ID: GCK89343
Phoenix ID: CK89348

Project ID: LUB PACKAGE/SITE 33604
Client ID: SS-SV-04

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/18/22	KCA	1	1
1,1,1-Trichloroethane	4.23	*0.100*	0.100	23.1	*0.55*	0.55	03/18/22	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/18/22	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/18/22	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/18/22	KCA	1	
1,1-Dichloroethene	ND	*0.025*	0.025	ND	*0.10*	0.10	03/18/22	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2,4-Trimethylbenzene	0.487	*0.204*	0.204	2.39	*1.00*	1.00	03/18/22	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/18/22	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/22	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/18/22	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/22	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/22	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/18/22	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/18/22	KCA	1	1
4-Ethyltoluene	0.245	*0.204*	0.204	1.20	*1.00*	1.00	03/18/22	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/18/22	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/18/22	KCA	1	
Acetone	2.15	*0.421*	0.421	5.10	*1.00*	1.00	03/18/22	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/18/22	KCA	1	
Benzene	ND	*0.313*	0.313	ND	*1.00*	1.00	03/18/22	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/18/22	KCA	1	

Project ID: LUB PACKAGE/SITE 33604 Phoenix I.D.: CK89348

Client ID: SS-SV-04

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	0.149	ND	*1.00*	1.00	03/18/22	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/18/22	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/18/22	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/18/22	KCA	1	
Carbon Tetrachloride	0.058	*0.015*	0.015	0.36	*0.09*	0.09	03/18/22	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/18/22	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/18/22	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/18/22	KCA	1	
Chloromethane	ND	*0.485*	0.485	ND	*1.00*	1.00	03/18/22	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.025*	0.025	ND	*0.10*	0.10	03/18/22	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/18/22	KCA	1	
Cyclohexane	ND	*0.291*	0.291	ND	*1.00*	1.00	03/18/22	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/18/22	KCA	1	
Dichlorodifluoromethane	0.457	*0.202*	0.202	2.26	*1.00*	1.00	03/18/22	KCA	1	
Ethanol	2.37	*0.531*	0.531	4.46	*1.00*	1.00	03/18/22	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	03/18/22	KCA	1	1
Ethylbenzene	0.318	*0.230*	0.230	1.38	*1.00*	1.00	03/18/22	KCA	1	
Heptane	ND	*0.244*	0.244	ND	*1.00*	1.00	03/18/22	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/18/22	KCA	1	
Hexane	0.388	*0.284*	0.284	1.37	*1.00*	1.00	03/18/22	KCA	1	
Isopropylalcohol	ND	*0.407*	0.407	ND	*1.00*	1.00	03/18/22	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/22	KCA	1	
m,p-Xylene	1.07	*0.230*	0.230	4.64	*1.00*	1.00	03/18/22	KCA	1	
Methyl Ethyl Ketone	ND	*0.339*	0.339	ND	*1.00*	1.00	03/18/22	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/18/22	KCA	1	
Methylene Chloride	1.32	*0.250*	0.250	4.58	*0.87*	0.87	03/18/22	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/18/22	KCA	1	1
o-Xylene	0.379	*0.230*	0.230	1.64	*1.00*	1.00	03/18/22	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/18/22	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/18/22	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/18/22	KCA	1	
Tetrachloroethene	0.127	*0.037*	0.037	0.86	*0.25*	0.25	03/18/22	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/18/22	KCA	1	1
Toluene	0.609	*0.266*	0.266	2.29	*1.00*	1.00	03/18/22	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/18/22	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/18/22	KCA	1	
Trichloroethene	3.40	*0.018*	0.018	18.3	*0.10*	0.10	03/18/22	KCA	1	
Trichlorofluoromethane	0.245	*0.178*	0.178	1.38	*1.00*	1.00	03/18/22	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/18/22	KCA	1	
Vinyl Chloride	ND	*0.038*	0.038	ND	*0.10*	0.10	03/18/22	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	99	*%*	%	99	*%*	%	03/18/22	KCA	1	
% IS-1,4-Difluorobenzene	86	*%*	%	86	*%*	%	03/18/22	KCA	1	
% IS-Bromochloromethane	88	*%*	%	88	*%*	%	03/18/22	KCA	1	
% IS-Chlorobenzene-d5	87	*%*	%	87	*%*	%	03/18/22	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
April 08, 2022
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 08, 2022

FOR: Attn: Mr. Brian Neumann
Precision Env. Services, Inc.
831 Route 67 Lot 38A
Ballston Spa, NY 12020

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	PS	03/15/22	11:05
Location Code:	PRECISIN	Received by:	LB	03/17/22	16:44
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	23338				

Laboratory Data

SDG ID: GCK89343
Phoenix ID: CK89349

Project ID: LUB PACKAGE/SITE 33604
Client ID: IA-04

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/18/22	KCA	1	1
1,1,1-Trichloroethane	ND	*0.100*	0.100	ND	*0.55*	0.55	03/18/22	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/18/22	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/18/22	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/18/22	KCA	1	
1,1-Dichloroethene	ND	*0.025*	0.025	ND	*0.10*	0.10	03/18/22	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/18/22	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/22	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/18/22	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/22	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/22	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/18/22	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/18/22	KCA	1	1
4-Ethyltoluene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/22	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/18/22	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/18/22	KCA	1	
Acetone	12.0	*0.421*	0.421	28.5	*1.00*	1.00	03/18/22	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/18/22	KCA	1	
Benzene	ND	*0.313*	0.313	ND	*1.00*	1.00	03/18/22	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/18/22	KCA	1	

Project ID: LUB PACKAGE/SITE 33604 Phoenix I.D.: CK89349

Client ID: IA-04

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	0.149	ND	*1.00*	1.00	03/18/22	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/18/22	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/18/22	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/18/22	KCA	1	
Carbon Tetrachloride	0.080	*0.015*	0.015	0.50	*0.09*	0.09	03/18/22	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/18/22	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/18/22	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/18/22	KCA	1	
Chloromethane	0.553	*0.485*	0.485	1.14	*1.00*	1.00	03/18/22	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.025*	0.025	ND	*0.10*	0.10	03/18/22	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/18/22	KCA	1	
Cyclohexane	0.296	*0.291*	0.291	1.02	*1.00*	1.00	03/18/22	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/18/22	KCA	1	
Dichlorodifluoromethane	0.439	*0.202*	0.202	2.17	*1.00*	1.00	03/18/22	KCA	1	
Ethanol	104 J E	*0.531*	0.531	196 J	*1.00*	1.00	03/18/22	KCA	1	1
Ethyl acetate	0.548	*0.278*	0.278	1.97	*1.00*	1.00	03/18/22	KCA	1	1
Ethylbenzene	ND	*0.230*	0.230	ND	*1.00*	1.00	03/18/22	KCA	1	
Heptane	0.316	*0.244*	0.244	1.29	*1.00*	1.00	03/18/22	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/18/22	KCA	1	
Hexane	0.295	*0.284*	0.284	1.04	*1.00*	1.00	03/18/22	KCA	1	
Isopropylalcohol	233 J E	*0.407*	0.407	572 J	*1.00*	1.00	03/18/22	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/22	KCA	1	
m,p-Xylene	0.308	*0.230*	0.230	1.34	*1.00*	1.00	03/18/22	KCA	1	
Methyl Ethyl Ketone	1.05	*0.339*	0.339	3.09	*1.00*	1.00	03/18/22	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/18/22	KCA	1	
Methylene Chloride	0.978	*0.250*	0.250	3.40	*0.87*	0.87	03/18/22	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/18/22	KCA	1	1
o-Xylene	ND	*0.230*	0.230	ND	*1.00*	1.00	03/18/22	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/18/22	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/18/22	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/18/22	KCA	1	
Tetrachloroethene	0.055	*0.037*	0.037	0.37	*0.25*	0.25	03/18/22	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/18/22	KCA	1	1
Toluene	0.616	*0.266*	0.266	2.32	*1.00*	1.00	03/18/22	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/18/22	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/18/22	KCA	1	
Trichloroethene	ND	*0.018*	0.018	ND	*0.10*	0.10	03/18/22	KCA	1	
Trichlorofluoromethane	0.206	*0.178*	0.178	1.16	*1.00*	1.00	03/18/22	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/18/22	KCA	1	
Vinyl Chloride	ND	*0.038*	0.038	ND	*0.10*	0.10	03/18/22	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	97	*%*	%	97	*%*	%	03/18/22	KCA	1	
% IS-1,4-Difluorobenzene	92	*%*	%	92	*%*	%	03/18/22	KCA	1	
% IS-Bromochloromethane	94	*%*	%	94	*%*	%	03/18/22	KCA	1	
% IS-Chlorobenzene-d5	90	*%*	%	90	*%*	%	03/18/22	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
April 08, 2022
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 08, 2022

FOR: Attn: Mr. Brian Neumann
Precision Env. Services, Inc.
831 Route 67 Lot 38A
Ballston Spa, NY 12020

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	PS	03/15/22	10:25
Location Code:	PRECISIN	Received by:	LB	03/17/22	16:44
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	21367				

Laboratory Data

SDG ID: GCK89343
Phoenix ID: CK89350

Project ID: LUB PACKAGE/SITE 33604
Client ID: SS-SV-06

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/18/22	KCA	1	1
1,1,1-Trichloroethane	0.586	*0.100*	0.100	3.20	*0.55*	0.55	03/18/22	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/18/22	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/18/22	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/18/22	KCA	1	
1,1-Dichloroethene	ND	*0.025*	0.025	ND	*0.10*	0.10	03/18/22	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2,4-Trimethylbenzene	0.450	*0.204*	0.204	2.21	*1.00*	1.00	03/18/22	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/18/22	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/22	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/18/22	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/22	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/22	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/18/22	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/18/22	KCA	1	1
4-Ethyltoluene	0.289	*0.204*	0.204	1.42	*1.00*	1.00	03/18/22	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/18/22	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/18/22	KCA	1	
Acetone	9.42	*0.421*	0.421	22.4	*1.00*	1.00	03/18/22	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/18/22	KCA	1	
Benzene	0.332	*0.313*	0.313	1.06	*1.00*	1.00	03/18/22	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/18/22	KCA	1	

Project ID: LUB PACKAGE/SITE 33604 Phoenix I.D.: CK89350

Client ID: SS-SV-06

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	0.149	ND	*1.00*	1.00	03/18/22	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/18/22	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/18/22	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/18/22	KCA	1	
Carbon Tetrachloride	0.075	*0.015*	0.015	0.47	*0.09*	0.09	03/18/22	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/18/22	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/18/22	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/18/22	KCA	1	
Chloromethane	0.507	*0.485*	0.485	1.05	*1.00*	1.00	03/18/22	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.025*	0.025	ND	*0.10*	0.10	03/18/22	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/18/22	KCA	1	
Cyclohexane	0.291	*0.291*	0.291	1.00	*1.00*	1.00	03/18/22	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/18/22	KCA	1	
Dichlorodifluoromethane	0.483	*0.202*	0.202	2.39	*1.00*	1.00	03/18/22	KCA	1	
Ethanol	57.9 J E	*0.531*	0.531	109 J	*1.00*	1.00	03/18/22	KCA	1	1
Ethyl acetate	1.10	*0.278*	0.278	3.96	*1.00*	1.00	03/18/22	KCA	1	1
Ethylbenzene	ND	*0.230*	0.230	ND	*1.00*	1.00	03/18/22	KCA	1	
Heptane	0.629	*0.244*	0.244	2.58	*1.00*	1.00	03/18/22	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/18/22	KCA	1	
Hexane	0.432	*0.284*	0.284	1.52	*1.00*	1.00	03/18/22	KCA	1	
Isopropylalcohol	19.9	*0.407*	0.407	48.9	*1.00*	1.00	03/18/22	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/22	KCA	1	
m,p-Xylene	0.690	*0.230*	0.230	2.99	*1.00*	1.00	03/18/22	KCA	1	
Methyl Ethyl Ketone	1.19	*0.339*	0.339	3.51	*1.00*	1.00	03/18/22	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/18/22	KCA	1	
Methylene Chloride	1.11	*0.250*	0.250	3.85	*0.87*	0.87	03/18/22	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/18/22	KCA	1	1
o-Xylene	0.247	*0.230*	0.230	1.07	*1.00*	1.00	03/18/22	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/18/22	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/18/22	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/18/22	KCA	1	
Tetrachloroethene	0.173	*0.037*	0.037	1.17	*0.25*	0.25	03/18/22	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/18/22	KCA	1	1
Toluene	0.774	*0.266*	0.266	2.92	*1.00*	1.00	03/18/22	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/18/22	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/18/22	KCA	1	
Trichloroethene	1.32	*0.018*	0.018	7.09	*0.10*	0.10	03/18/22	KCA	1	
Trichlorofluoromethane	0.211	*0.178*	0.178	1.18	*1.00*	1.00	03/18/22	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/18/22	KCA	1	
Vinyl Chloride	ND	*0.038*	0.038	ND	*0.10*	0.10	03/18/22	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	100	*%*	%	100	*%*	%	03/18/22	KCA	1	
% IS-1,4-Difluorobenzene	87	*%*	%	87	*%*	%	03/18/22	KCA	1	
% IS-Bromochloromethane	86	*%*	%	86	*%*	%	03/18/22	KCA	1	
% IS-Chlorobenzene-d5	86	*%*	%	86	*%*	%	03/18/22	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
April 08, 2022
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

April 08, 2022

FOR: Attn: Mr. Brian Neumann
Precision Env. Services, Inc.
831 Route 67 Lot 38A
Ballston Spa, NY 12020

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	PS	03/15/22	10:30
Location Code:	PRECISIN	Received by:	LB	03/17/22	16:44
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	12859				

Laboratory Data

SDG ID: GCK89343
Phoenix ID: CK89351

Project ID: LUB PACKAGE/SITE 33604
Client ID: IA-06

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/18/22	KCA	1	1
1,1,1-Trichloroethane	ND	*0.100*	0.100	ND	*0.55*	0.55	03/18/22	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/18/22	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/18/22	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/18/22	KCA	1	
1,1-Dichloroethene	ND	*0.025*	0.025	ND	*0.10*	0.10	03/18/22	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/18/22	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/22	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/18/22	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/22	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/22	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/18/22	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/18/22	KCA	1	1
4-Ethyltoluene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/22	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/18/22	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/18/22	KCA	1	
Acetone	11.2	*0.421*	0.421	26.6	*1.00*	1.00	03/18/22	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/18/22	KCA	1	
Benzene	ND	*0.313*	0.313	ND	*1.00*	1.00	03/18/22	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/18/22	KCA	1	

Project ID: LUB PACKAGE/SITE 33604 Phoenix I.D.: CK89351

Client ID: IA-06

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	0.149	ND	*1.00*	1.00	03/18/22	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/18/22	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/18/22	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/18/22	KCA	1	
Carbon Tetrachloride	0.079	*0.015*	0.015	0.50	*0.09*	0.09	03/18/22	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/18/22	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/18/22	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/18/22	KCA	1	
Chloromethane	0.681	*0.485*	0.485	1.41	*1.00*	1.00	03/18/22	KCA	1	
Cis-1,2-Dichloroethene	0.047	*0.025*	0.025	0.19	*0.10*	0.10	03/18/22	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/18/22	KCA	1	
Cyclohexane	0.291	*0.291*	0.291	1.00	*1.00*	1.00	03/18/22	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/18/22	KCA	1	
Dichlorodifluoromethane	0.486	*0.202*	0.202	2.40	*1.00*	1.00	03/18/22	KCA	1	
Ethanol	115 J E	*0.531*	0.531	217 J	*1.00*	1.00	03/18/22	KCA	1	1
Ethyl acetate	4.03	*0.278*	0.278	14.5	*1.00*	1.00	03/18/22	KCA	1	1
Ethylbenzene	ND	*0.230*	0.230	ND	*1.00*	1.00	03/18/22	KCA	1	
Heptane	0.629	*0.244*	0.244	2.58	*1.00*	1.00	03/18/22	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/18/22	KCA	1	
Hexane	0.399	*0.284*	0.284	1.41	*1.00*	1.00	03/18/22	KCA	1	
Isopropylalcohol	29.4	*0.407*	0.407	72.2	*1.00*	1.00	03/18/22	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/22	KCA	1	
m,p-Xylene	0.371	*0.230*	0.230	1.61	*1.00*	1.00	03/18/22	KCA	1	
Methyl Ethyl Ketone	1.61	*0.339*	0.339	4.75	*1.00*	1.00	03/18/22	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/18/22	KCA	1	
Methylene Chloride	0.513	*0.250*	0.250	1.78	*0.87*	0.87	03/18/22	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/18/22	KCA	1	1
o-Xylene	ND	*0.230*	0.230	ND	*1.00*	1.00	03/18/22	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/18/22	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/18/22	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/18/22	KCA	1	
Tetrachloroethene	0.098	*0.037*	0.037	0.66	*0.25*	0.25	03/18/22	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/18/22	KCA	1	1
Toluene	0.727	*0.266*	0.266	2.74	*1.00*	1.00	03/18/22	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/18/22	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/18/22	KCA	1	
Trichloroethene	ND	*0.018*	0.018	ND	*0.10*	0.10	03/18/22	KCA	1	
Trichlorofluoromethane	0.221	*0.178*	0.178	1.24	*1.00*	1.00	03/18/22	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/18/22	KCA	1	
Vinyl Chloride	ND	*0.038*	0.038	ND	*0.10*	0.10	03/18/22	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	100	*%*	%	100	*%*	%	03/18/22	KCA	1	
% IS-1,4-Difluorobenzene	86	*%*	%	86	*%*	%	03/18/22	KCA	1	
% IS-Bromochloromethane	87	*%*	%	87	*%*	%	03/18/22	KCA	1	
% IS-Chlorobenzene-d5	87	*%*	%	87	*%*	%	03/18/22	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
April 08, 2022
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

April 08, 2022

FOR: Attn: Mr. Brian Neumann
Precision Env. Services, Inc.
831 Route 67 Lot 38A
Ballston Spa, NY 12020

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	PS	03/15/22	11:20
Location Code:	PRECISIN	Received by:	LB	03/17/22	16:44
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	16011				

Laboratory Data

SDG ID: GCK89343
Phoenix ID: CK89352

Project ID: LUB PACKAGE/SITE 33604
Client ID: AA-02

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/18/22	KCA	1	1
1,1,1-Trichloroethane	ND	*0.100*	0.100	ND	*0.55*	0.55	03/18/22	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/18/22	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/18/22	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/18/22	KCA	1	
1,1-Dichloroethene	ND	*0.025*	0.025	ND	*0.10*	0.10	03/18/22	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/18/22	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/18/22	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/22	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/18/22	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/22	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/22	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/18/22	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/18/22	KCA	1	1
4-Ethyltoluene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/22	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/18/22	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/18/22	KCA	1	
Acetone	3.22	*0.421*	0.421	7.64	*1.00*	1.00	03/18/22	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/18/22	KCA	1	
Benzene	ND	*0.313*	0.313	ND	*1.00*	1.00	03/18/22	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/18/22	KCA	1	

Project ID: LUB PACKAGE/SITE 33604 Phoenix I.D.: CK89352

Client ID: AA-02

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	0.149	ND	*1.00*	1.00	03/18/22	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/18/22	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/18/22	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/18/22	KCA	1	
Carbon Tetrachloride	0.071	*0.015*	0.015	0.45	*0.09*	0.09	03/18/22	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/18/22	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/18/22	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/18/22	KCA	1	
Chloromethane	0.518	*0.485*	0.485	1.07	*1.00*	1.00	03/18/22	KCA	1	
Cis-1,2-Dichloroethene	0.093	*0.025*	0.025	0.37	*0.10*	0.10	03/18/22	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/18/22	KCA	1	
Cyclohexane	ND	*0.291*	0.291	ND	*1.00*	1.00	03/18/22	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/18/22	KCA	1	
Dichlorodifluoromethane	0.431	*0.202*	0.202	2.13	*1.00*	1.00	03/18/22	KCA	1	
Ethanol	4.09	*0.531*	0.531	7.70	*1.00*	1.00	03/18/22	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	03/18/22	KCA	1	1
Ethylbenzene	ND	*0.230*	0.230	ND	*1.00*	1.00	03/18/22	KCA	1	
Heptane	ND	*0.244*	0.244	ND	*1.00*	1.00	03/18/22	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/18/22	KCA	1	
Hexane	ND	*0.284*	0.284	ND	*1.00*	1.00	03/18/22	KCA	1	
Isopropylalcohol	0.475	*0.407*	0.407	1.17	*1.00*	1.00	03/18/22	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/22	KCA	1	
m,p-Xylene	0.424	*0.230*	0.230	1.84	*1.00*	1.00	03/18/22	KCA	1	
Methyl Ethyl Ketone	ND	*0.339*	0.339	ND	*1.00*	1.00	03/18/22	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/18/22	KCA	1	
Methylene Chloride	0.882	*0.250*	0.250	3.06	*0.87*	0.87	03/18/22	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/18/22	KCA	1	1
o-Xylene	ND	*0.230*	0.230	ND	*1.00*	1.00	03/18/22	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/18/22	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/18/22	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/18/22	KCA	1	
Tetrachloroethene	0.149	*0.037*	0.037	1.01	*0.25*	0.25	03/18/22	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/18/22	KCA	1	1
Toluene	0.551	*0.266*	0.266	2.08	*1.00*	1.00	03/18/22	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/18/22	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/18/22	KCA	1	
Trichloroethene	ND	*0.018*	0.018	ND	*0.10*	0.10	03/18/22	KCA	1	
Trichlorofluoromethane	0.210	*0.178*	0.178	1.18	*1.00*	1.00	03/18/22	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/18/22	KCA	1	
Vinyl Chloride	ND	*0.038*	0.038	ND	*0.10*	0.10	03/18/22	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	100	*%*	%	100	*%*	%	03/18/22	KCA	1	
% IS-1,4-Difluorobenzene	86	*%*	%	86	*%*	%	03/18/22	KCA	1	
% IS-Bromochloromethane	88	*%*	%	88	*%*	%	03/18/22	KCA	1	
% IS-Chlorobenzene-d5	83	*%*	%	83	*%*	%	03/18/22	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
April 08, 2022
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

TO-15

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method TO-15 Volatiles Data
for Phoenix Environmental Laboratories, Inc.
SDG: GCK89343

9 Soil Vapor/Air Samples and 1 Field Duplicate
Collected March 15, 2022

Prepared by: Donald Anné
April 18, 2022

Holding Times: The sample was analyzed within recommended USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %D for n-butylbenzene (SIM) was above the allowable maximum (30%) on 03-17-22 (0317_16.D). Positive results for n-butylbenzene should be considered estimated (J) in associated samples.

Blanks: The analysis of intra-lab blank reported target compounds as not detected. The analyses of the cleaned canisters reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the soil gas samples.

Laboratory Control Sample: The percent recovery for 1,2,4-trichlorobenzene was above QC limits for air/vapor sample CK88810 LCS. Positive results for 1,2,4-trichlorobenzene should be considered estimated, biased high in associated air/soil vapor samples.

Field Duplicates: The relative percent differences for 1,2,4-trimethylbenzene, acetone, ethanol, and toluene were above the allowable maximum (25%) for soil vapor field duplicate pair SS-SV-05/DUP (attached table). Positive results for these 4 compounds should be considered estimated (J) in samples SS-SV-05 and DUP.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

Compound ID: Checked compounds were within quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

The results for ethanol in samples IA-07, IA-05, IA-04, SS-SV-06, and IA-06; results for isopropyl alcohol in samples IA-05 and IA-04 and the result for acetone in sample IA-07 were quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. The results for these compounds that is flagged as 'E' in the sample should be considered estimated (J).

Canister Pressure: The laboratory reported the received samples with a residual vacuum, as required.

AIR LCS RECOVERY

Lab Name: Phoenix Environmental Labs Client: PRECISIN

Lab Code: Phoenix Case No: SAS No: SDG No GCK89343

LCS - Client Id: CK88810 LCS

COMPOUND	SPIKE ADDED (ppbv)		LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.	
Propylene	10		10.61	106	70	130
Dichlorodifluoromethane	10		9.806	98	70	130
Chloromethane	10		9.523	95	70	130
1,2-Dichlorotetrafluoroethane	10		9.837	98	70	130
Vinyl Chloride	10		9.634	96	70	130
1,3-Butadiene	10		9.857	99	70	130
Bromomethane	10		9.384	94	70	130
Chloroethane	10		9.506	95	70	130
Ethanol	7		7.632	109	70	130
Acetone	10		9.279	93	70	130
Trichlorofluoromethane	10		9.696	97	70	130
Isopropylalcohol	9		9.503	106	70	130
Acrylonitrile	10		8.877	89	70	130
1,1-Dichloroethene	10		10.09	101	70	130
Methylene Chloride	10		9.924	99	70	130
Carbon Disulfide	10		10.33	103	70	130
Trichlorotrifluoroethane	10		9.769	98	70	130
Trans-1,2-Dichloroethene	10		10.26	103	70	130
1,1-Dichloroethane	10		9.841	98	70	130
Methyl tert-butyl ether(MTBE)	10		10.65	107	70	130
Methyl Ethyl Ketone	10		10.09	101	70	130
Cis-1,2-Dichloroethene	10		11.22	112	70	130
Hexane	10		10.72	107	70	130
Chloroform	10		9.860	99	70	130
Ethyl acetate	10		11.37	114	70	130
Tetrahydrofuran	10		10.55	106	70	130
1,2-Dichloroethane	10		9.981	100	70	130
1,1,1-Trichloroethane	10		9.880	99	70	130
Benzene	10		10.45	105	70	130
Carbon Tetrachloride	10		10.06	101	70	130
Cyclohexane	10		9.447	94	70	130
1,2-dichloropropane	10		10.07	101	70	130
Bromodichloromethane	10		9.840	98	70	130
Trichloroethene	10		10.04	100	70	130
1,4-Dioxane	10		11.12	111	70	130
Heptane	10		10.65	107	70	130
cis-1,3-Dichloropropene	10		10.42	104	70	130
4-Methyl-2-pentanone(MIBK)	10		10.53	105	70	130
trans-1,3-Dichloropropene	10		10.36	104	70	130
1,1,2-Trichloroethane	10		10.06	101	70	130
Toluene	10		10.61	106	70	130
Dibromochloromethane	10		9.829	98	70	130
2-Hexanone(MBK)	10		10.63	106	70	130
1,2-Dibromoethane(EDB)	10		10.15	102	70	130

FORM III AIR

AIR LCS RECOVERY

Lab Name: Phoenix Environmental Labs Client: PRECISIN

Lab Code: Phoenix Case No: SAS No: SDG No GCK89343

LCS - Client Id: CK88810 LCS

COMPOUND	SPIKE ADDED (ppbv)		LCS CONCENTRATION (ppbv)	LCS % REC	#	QC. LIMITS REC.	
Tetrachloroethene	10		9.851	99		70	130
1,1,1,2-Tetrachloroethane	10		9.512	95		70	130
Chlorobenzene	10		9.936	99		70	130
Ethylbenzene	10		10.80	108		70	130
m,p-Xylene	20		21.58	108		70	130
Bromoform	10		10.26	103		70	130
Styrene	10		11.01	110		70	130
1,1,2,2-Tetrachloroethane	10		9.552	96		70	130
o-Xylene	10		10.72	107		70	130
Isopropylbenzene	10		9.958	100		70	130
4-Ethyltoluene	10		10.79	108		70	130
1,3,5-Trimethylbenzene	10		10.81	108		70	130
1,2,4-Trimethylbenzene	10		11.00	110		70	130
Benzyl chloride	10		10.59	106		70	130
1,3-Dichlorobenzene	10		11.70	117		70	130
1,4-Dichlorobenzene	10		10.32	103		70	130
sec-Butylbenzene	10		10.36	104		70	130
4-Isopropyltoluene	10		10.62	106		70	130
1,2-Dichlorobenzene	10		10.32	103		70	130
n-Butylbenzene	10		10.83	108		70	130
1,2,4-Trichlorobenzene	7		10.16	145	*	70	130
Hexachlorobutadiene	8		8.923	112		70	130

FORM III AIR

7A
AIR CONTINUING CALIBRATION CHECK
Initial Cal as Continuing Cal

Lab Name: Phoenix Environmental Labs Client: PRECISIN

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCK89343

Instrument: CHEM20 Calibration Date: 03/17/22 Time: 23:45

Lab File Id: 0317_16.D Init. Calib. Date(s): 03/17/22 03/18/22

Heated Purge (Y/N): Y Init. Calib. Times: 17:39 00:17

GC Column: RTX-1 60M Method File: 20_AIR_0317.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
Propylene	1.308	1.421		-8.6	30
Dichlorodifluoromethane	2.675	2.624		1.9	30
Chloromethane	1.740	1.733		0.4	30
1,2-Dichlorotetrafluoroethane	2.522	2.713		-7.6	30
Vinyl Chloride	1.348	1.376		-2.1	30
1,3-Butadiene	1.352	1.451		-7.3	30
Bromomethane	0.911	0.919		-0.9	30
Chloroethane	0.551	0.577		-4.7	30
Ethanol	0.799	0.862		-7.9	30
Acetone	2.788	2.841		-1.9	30
Trichlorofluoromethane	2.857	2.840		0.6	30
Isopropylalcohol	3.429	3.630		-5.9	30
Acrylonitrile	1.420	1.358		4.4	30
1,1-Dichloroethene	2.318	2.381		-2.7	30
Methylene Chloride	2.252	2.331		-3.5	30
Carbon Disulfide	2.680	2.684		-0.1	30
Trichlorotrifluoroethane	2.198	2.317		-5.4	30
Trans-1,2-Dichloroethene	2.076	2.054		1.1	30
1,1-Dichloroethane	2.419	2.437		-0.7	30
Methyl tert-butyl ether(MTBE)	2.277	2.253		1.1	30
Methyl Ethyl Ketone	3.623	3.684		-1.7	30
Cis-1,2-Dichloroethene	1.983	2.006		-1.2	30
Hexane	2.402	2.332		2.9	30
Chloroform	2.243	2.244		0.0	30
Ethyl acetate	0.468	0.475		-1.5	30
Tetrahydrofuran	1.924	1.894		1.6	30
1,2-Dichloroethane	1.952	1.909		2.2	30
1,1,1-Trichloroethane	2.418	2.351		2.8	30
Benzene	2.776	2.679		3.5	30
Carbon Tetrachloride	2.619	2.645		-1.0	30
Cyclohexane	1.164	1.148		1.4	30
1,2-dichloropropane	0.461	0.473		-2.6	30
Bromodichloromethane	0.671	0.692		-3.1	30
Trichloroethene	0.403	0.426		-5.7	30
1,4-Dioxane	0.159	0.169		-6.3	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK
Initial Cal as Continuing Cal

Lab Name: Phoenix Environmental Labs Client: PRECISIN

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCK89343

Instrument: CHEM20 Calibration Date: 03/17/22 Time: 23:45

Lab File Id: 0317_16.D Init. Calib. Date(s): 03/17/22 03/18/22

Heated Purge (Y/N): Y Init. Calib. Times: 17:39 00:17

GC Column: RTX-1 60M Method File: 20_AIR_0317.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
Heptane	0.921	0.925		-0.4	30
cis-1,3-Dichloropropene	0.444	0.437		1.6	30
4-Methyl-2-pentanone(MIBK)	1.189	1.227		-3.2	30
trans-1,3-Dichloropropene	0.406	0.405		0.2	30
1,1,2-Trichloroethane	0.364	0.370		-1.6	30
Toluene	0.982	0.996		-1.4	30
Dibromochloromethane	0.768	0.762		0.8	30
2-Hexanone(MBK)	1.160	1.158		0.2	30
1,2-Dibromoethane(EDB)	0.559	0.566		-1.3	30
Tetrachloroethene	0.549	0.571		-4.0	30
1,1,1,2-Tetrachloroethane	0.992	1.042		-5.0	30
Chlorobenzene	1.636	1.784		-9.0	30
Ethylbenzene	2.385	2.380		0.2	30
m,p-Xylene	1.907	1.624		14.8	30
Bromoform	1.356	1.419		-4.6	30
Styrene	1.350	1.373		-1.7	30
1,1,2,2-Tetrachloroethane	1.618	1.770		-9.4	30
o-Xylene	1.996	2.144		-7.4	30
Isopropylbenzene	2.937	3.008		-2.4	30
4-Ethyltoluene	3.132	3.261		-4.1	30
1,3,5-Trimethylbenzene	2.240	2.344		-4.6	30
1,2,4-Trimethylbenzene	2.467	2.513		-1.9	30
Benzyl chloride	5.134	5.369		-4.6	30
1,3-Dichlorobenzene	1.649	1.712		-3.8	30
1,4-Dichlorobenzene	1.312	1.592		-21.3	30
sec-Butylbenzene	3.577	3.791		-6.0	30
4-Isopropyltoluene	3.283	3.434		-4.6	30
1,2-Dichlorobenzene	1.605	1.720		-7.2	30
n-Butylbenzene	2.604	2.717		-4.3	30
1,2,4-Trichlorobenzene	0.815	1.025		-25.8	30
Hexachlorobutadiene	1.576	1.734		-10.0	30
1,2-Dichlorotetrafluoroethane(sim)	2.409	2.533		-5.1	30
Vinyl Chloride(sim)	1.347	1.417		-5.2	30
Bromomethane(sim)	0.897	0.858		4.3	30
Trichlorofluoromethane(sim)	2.780	2.924		-5.2	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK
Initial Cal as Continuing Cal

Lab Name: Phoenix Environmental Labs Client: PRECISIN

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCK89343

Instrument: CHEM20 Calibration Date: 03/17/22 Time: 23:45

Lab File Id: 0317_16.D Init. Calib. Date(s): 03/17/22 03/18/22

Heated Purge (Y/N): Y Init. Calib. Times: 17:39 00:17

GC Column: RTX-1 60M Method File: 20_AIR_0317.M

COMPOUND		RRF	RRF50	RRF MIN	%D	% D LIMITS
1,2-Dichloroethane(sim)		1.681	1.784		-6.1	30
1,1,1-Trichloroethane(sim)		2.327	2.447		-5.2	30
Benzene(sim)		2.567	2.501		2.6	30
Carbon Tetrachloride(sim)		2.447	2.603		-6.4	30
1,1-Dichloroethene(sim)		2.108	2.223		-5.5	30
Trichlorotrifluoroethane(sim)		2.131	2.248		-5.5	30
Trans-1,2-Dichloroethene(sim)		1.823	1.917		-5.2	30
1,1-Dichloroethane(sim)		2.339	2.510		-7.3	30
Cis-1,2-Dichloroethene(sim)		1.677	1.873		-11.7	30
Chloroform(sim)		2.211	2.289		-3.5	30
1,2-dichloropropane(sim)		0.527	0.523		0.8	30
Bromodichloromethane(sim)		0.699	0.692		1.0	30
Trichloroethene(sim)		0.452	0.458		-1.3	30
1,4-Dioxane(sim)		0.156	0.169		-8.3	30
cis-1,3-Dichloropropene(sim)		0.442	0.493		-11.5	30
1,1,2-Trichloroethane(sim)		0.349	0.370		-6.0	30
Dibromochloromethane(sim)		0.841	0.831		1.2	30
1,2-Dibromoethane(EDB)(sim)		0.528	0.566		-7.2	30
Tetrachloroethene(sim)		0.752	0.657		12.6	30
Bromoform(sim)		1.644	1.668		-1.5	30
m,p-Xylene(sim)		1.934	2.044		-5.7	30
1,1,2,2-Tetrachloroethane(sim)		1.893	1.872		1.1	30
Benzyl chloride(sim)	qfi	1.000	1.20		-20.0	20
1,3-Dichlorobenzene(sim)		1.670	1.966		-17.7	30
1,4-Dichlorobenzene(sim)	qfi	1.000	1.23		-23.0 #	20
sec-Butylbenzene(sim)		3.493	4.030		-15.4	30
4-Isopropyltoluene(sim)		2.924	3.434		-17.4	30
1,2-Dichlorobenzene(sim)		1.743	1.966		-12.8	30
n-Butylbenzene(sim)		2.082	2.717		-30.5 #	30
1,2,4-Trichlorobenzene(sim)	qfi	1.000	1.02		-2.0	20
Hexachlorobutadiene(sim)		1.962	2.242		-14.3	30
% Bromofluorobenzene		1.284	1.308		-1.9	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

Field Duplicate Calculation Section

Volatiles TO-15

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. GCK89343

S1= SS-SV-05 **S2=** DUP

Analyte	S1	S2	RPD (%)	
1,1,1-Trichloroethane	1.99	1.88	6%	
1,2,4-Trimethylbenzene	0.566	0.854	41%	*
1,3,5-Trimethylbenzene	ND	0.218	NC	
1,4-Dioxane	0.362	ND	NC	
4-Ethyltoluene	0.409	ND	NC	
Acetone	2.16	2.84	27%	*
Carbon Tetrachloride	0.074	0.075	1%	
Dichlorodifluoromethane	0.47	0.455	3%	
Ethanol	2.38	3.37	34%	*
Ethylbenzene	0.698	0.794	13%	
Heptane	ND	0.251	NC	
Hexane	0.351	0.376	7%	
Isopropylalcohol	ND	1.26	NC	
Isopropylbenzene	0.791	0.769	3%	
m,p-Xylene	3.91	4.32	10%	
Methylene Chloride	0.766	0.68	12%	
o-Xylene	1.57	1.75	11%	
Propylene	4.00	3.65	9%	
Tetrachloroethene	0.122	0.114	7%	
Toluene	0.809	1.08	29%	*
Trichloroethene	0.487	0.487	0%	
Trichlorofluoromethane	0.222	0.209	6%	

* RPD is above the allowable maximum (25%).

All results are in ppv v/v.

Bold numbers were values that are below the CRQL or above the high standard.
ND - Not detected.
NC - Not calculated, both results must be within the linear range for valid RPDs to be calculated.

Alpha Geoscience: Acronyms and Definitions

Data Validation Acronyms

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene
CCB	Continuing calibration blank
CCC	Calibration check compound
CCV	Continuing calibration verification
CN	Cyanide
CRDL	Contract required detection limit
CRQL	Contract required quantitation limit
CVAA	Atomic adsorption, cold vapor technique
DCAA	2,4-Dichlophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine
ECD	Electron capture detector
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GPC	Gel permeation chromatography
ICB	Initial calibration blank
ICP	Inductively coupled plasma-atomic emission spectrometer
ICV	Initial calibration verification
IDL	Instrument detection limit
IS	Internal standard
LCS	Laboratory control sample
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate
MSA	Method of standard additions
MS/MSD	Matrix spike/matrix spike duplicate
PID	Photo ionization detector
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
QA	Quality assurance
QC	Quality control
RF	Response factor
RPD	Relative percent difference
RRF	Relative response factor
RRF(number)	Relative response factor at concentration of the number following
RT	Retention time
RRT	Relative retention time
SDG	Sample delivery group
SPCC	System performance check compound
TCX	Tetrachloro-m-xylene
%D	Percent difference
%R	Percent recovery
%RSD	Percent relative standard deviation

Data Validation Qualifiers Used in the QA/QC Reviews for USEPA Region II

U	=	Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
R	=	Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
N	=	Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
J	=	Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
J-	=	Analyte is present. Reported value may be biased low and associated with a higher level of uncertainty than is normally expected with the analytical method.
J+	=	Analyte is present. Reported value may be biased high andassociated with a higher level of uncertainty than is normally expected with the analytical method.
UJ	=	Not detected, quantitation limit may be inaccurate or imprecise.

Note: These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
Phoenix Environmental Laboratories, Inc.
SDG: GCL19118

10 Ground Water Samples, 1 Field Duplicate,
and 1 Trip Blank
Collected April 27, 2022

Prepared by: Donald Anné
July 6, 2022

The data packages contain the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 10 ground water samples, 1 field duplicate, and 1 trip blank analyzed for volatiles.

The overall performances of the analyses are acceptable. Phoenix Environmental Laboratories, Inc. did fulfill the requirements of the analytical methods.

The data are acceptable with some minor issues that are identified in the accompanying data validation reviews. The following data were flagged:

- The positive volatile results for 1,1-dichloroethane were qualified as "estimated (J) in samples LMW-01, LMW-03, LMW-04, LMW-11, and LMW-12 because the %D for 1,1-dichloroethane was above the allowable maximums in the associated continuing calibrations.

- The positive volatile result for cis-1,2-dichloroethene was qualified as "estimated, biased high" (J+) in sample LMW-02 because 1 of 2 percent recoveries for cis-1,2-dichloroethene was above QC limits in the aqueous MS/MSD.

- The "not detected" volatile result for bromomethane was qualified as "estimated" (UJ) in sample LMW-02 because 2 of 2 percent recoveries for bromomethane were below QC limits, but not below 30% in the aqueous MS/MSD.

- The positive volatile results for tetrachloroethene were qualified as estimated (J) in samples MW-09 and DUP A because the relative percent difference for tetrachloroethene was above the allowable maximum in the aqueous field duplicate pair MW-09/DUP A.

All data are considered usable, with estimated (J, UJ, or J+) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

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Qualified Data Section

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 24, 2022

FOR: Attn: Mr. Brian Neumann
Precision Env. Services, Inc.
831 Route 67 Lot 38A
Ballston Spa, NY 12020

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/27/22	12:00
Location Code:	PRECISIN-DEC	Received by:	LB	04/28/22	16:20
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL19118
Phoenix ID: CL19118

Project ID: LUBRICANT PACKAGING CO., (CO # 144123)
Client ID: LMW-01

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,1,1-Trichloroethane	52		5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,1-Dichloroethane	5.1	J	5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2,3-Trichloropropane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2,4-Trimethylbenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND		1.0	0.50	ug/L	1	05/01/22	HM	SW8260C	
1,2-Dibromoethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	05/01/22	HM	SW8260C	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,3,5-Trimethylbenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
2-Hexanone	ND		2.5	2.5	ug/L	1	05/01/22	HM	SW8260C	
2-Isopropyltoluene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	05/01/22	HM	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	5.0	2.5	ug/L	1	05/01/22	HM	SW8260C	
Acrolein	ND	5.0	2.5	ug/L	1	05/01/22	HM	SW8260C	
Acrylonitrile	ND	5.0	2.5	ug/L	1	05/01/22	HM	SW8260C	
Benzene	ND	0.70	0.25	ug/L	1	05/01/22	HM	SW8260C	
Bromobenzene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Bromochloromethane	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Bromodichloromethane	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Bromoform	ND	5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Bromomethane	ND	5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Carbon Disulfide	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Chlorobenzene	ND	5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Chloroethane	ND	5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Chloroform	ND	5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Chloromethane	ND	5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	05/01/22	HM	SW8260C	
Dibromochloromethane	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Dibromomethane	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Ethylbenzene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	05/01/22	HM	SW8260C	
Isopropylbenzene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
m&p-Xylene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	05/01/22	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Methylene chloride	ND	3.0	1.0	ug/L	1	05/01/22	HM	SW8260C	
Naphthalene	ND	1.0	1.0	ug/L	1	05/01/22	HM	SW8260C	
n-Butylbenzene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
n-Propylbenzene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
o-Xylene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Styrene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	05/01/22	HM	SW8260C	1
Toluene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	05/01/22	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	05/01/22	HM	SW8260C	
Trichloroethene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Vinyl chloride	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100			%	1	05/01/22	HM	70 - 130 %	
% Bromofluorobenzene	100			%	1	05/01/22	HM	70 - 130 %	
% Dibromofluoromethane	101			%	1	05/01/22	HM	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	102			%	1	05/01/22	HM	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
May 24, 2022
Reviewed and Released by: Maryam Taylor, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 24, 2022

FOR: Attn: Mr. Brian Neumann
Precision Env. Services, Inc.
831 Route 67 Lot 38A
Ballston Spa, NY 12020

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/27/22	11:16
Location Code:	PRECISIN-DEC	Received by:	LB	04/28/22	16:20
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL19118
Phoenix ID: CL19119

Project ID: LUBRICANT PACKAGING CO., (CO # 144123)
Client ID: LMW-02

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Client MS/MSD	Completed						05/02/22			
Volatiles										
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
1,1,1-Trichloroethane	0.39	J	5.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
1,1-Dichloroethane	3.0	J	5.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
1,2,3-Trichloropropane	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
1,2,4-Trimethylbenzene	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND		1.0	0.50	ug/L	1	05/02/22	MH	SW8260C	
1,2-Dibromoethane	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	05/02/22	MH	SW8260C	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
1,3,5-Trimethylbenzene	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
2-Hexanone	ND		2.5	2.5	ug/L	1	05/02/22	MH	SW8260C	
2-Isopropyltoluene	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	05/02/22	MH	SW8260C	
Acetone	ND		5.0	2.5	ug/L	1	05/02/22	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	05/02/22	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	05/02/22	MH	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	05/02/22	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
Bromomethane	ND	UJ	5.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
cis-1,2-Dichloroethene	13	J+	1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	05/02/22	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	05/02/22	MH	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	05/02/22	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	05/02/22	MH	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	05/02/22	MH	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	05/02/22	MH	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	05/02/22	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	05/02/22	MH	SW8260C	
Trichloroethene	0.77	J	1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
Vinyl chloride	4.5		1.0	0.25	ug/L	1	05/02/22	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	99				%	1	05/02/22	MH	70 - 130 %	
% Bromofluorobenzene	100				%	1	05/02/22	MH	70 - 130 %	

Project ID: LUBRICANT PACKAGING CO., (CO # 144123) Phoenix I.D.: CL19119
Client ID: LMW-02

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	101			%	1	05/02/22	MH	70 - 130 %
% Toluene-d8	101			%	1	05/02/22	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
May 24, 2022
Reviewed and Released by: Maryam Taylor, Project Manager

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 24, 2022

FOR: Attn: Mr. Brian Neumann
Precision Env. Services, Inc.
831 Route 67 Lot 38A
Ballston Spa, NY 12020

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/27/22	12:51
Location Code:	PRECISIN-DEC	Received by:	LB	04/28/22	16:20
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL19118
Phoenix ID: CL19120

Project ID: LUBRICANT PACKAGING CO., (CO # 144123)
Client ID: LMW-03

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,1,1-Trichloroethane	28		5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,1,2-Trichloroethane	0.35	J	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,1-Dichloroethane	10	J	5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2,3-Trichloropropane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2,4-Trimethylbenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND		1.0	0.50	ug/L	1	05/01/22	HM	SW8260C	
1,2-Dibromoethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	05/01/22	HM	SW8260C	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,3,5-Trimethylbenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
2-Hexanone	ND		2.5	2.5	ug/L	1	05/01/22	HM	SW8260C	
2-Isopropyltoluene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	05/01/22	HM	SW8260C	

Project ID: LUBRICANT PACKAGING CO., (CO # 144123) Phoenix I.D.: CL19120
Client ID: LMW-03

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		5.0	2.5	ug/L	1	05/01/22	HM	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	05/01/22	HM	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	05/01/22	HM	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	05/01/22	HM	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	05/01/22	HM	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	05/01/22	HM	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	05/01/22	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	05/01/22	HM	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	05/01/22	HM	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Tetrachloroethene	0.96	J	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	05/01/22	HM	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	05/01/22	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	05/01/22	HM	SW8260C	
Trichloroethene	2.7		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	99				%	1	05/01/22	HM	70 - 130 %	
% Bromofluorobenzene	100				%	1	05/01/22	HM	70 - 130 %	
% Dibromofluoromethane	100				%	1	05/01/22	HM	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	102			%	1	05/01/22	HM	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director
May 24, 2022
Reviewed and Released by: Maryam Taylor, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 24, 2022

FOR: Attn: Mr. Brian Neumann
Precision Env. Services, Inc.
831 Route 67 Lot 38A
Ballston Spa, NY 12020

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/27/22	13:10
Location Code:	PRECISIN-DEC	Received by:	LB	04/28/22	16:20
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL19118
Phoenix ID: CL19121

Project ID: LUBRICANT PACKAGING CO., (CO # 144123)
Client ID: LMW-04

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,1,1-Trichloroethane	24		5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,1-Dichloroethane	3.1	J J	5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,1-Dichloroethene	2.1		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2,3-Trichloropropane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2,4-Trimethylbenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND		1.0	0.50	ug/L	1	05/01/22	HM	SW8260C	
1,2-Dibromoethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	05/01/22	HM	SW8260C	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,3,5-Trimethylbenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
2-Hexanone	ND		2.5	2.5	ug/L	1	05/01/22	HM	SW8260C	
2-Isopropyltoluene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	05/01/22	HM	SW8260C	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		5.0	2.5	ug/L	1	05/01/22	HM	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	05/01/22	HM	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	05/01/22	HM	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	05/01/22	HM	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Chloroethane	1.4	J	5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
cis-1,2-Dichloroethene	0.34	J	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	05/01/22	HM	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	05/01/22	HM	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	05/01/22	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	05/01/22	HM	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	05/01/22	HM	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Tetrachloroethene	3.1		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	05/01/22	HM	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	05/01/22	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	05/01/22	HM	SW8260C	
Trichloroethene	0.39	J	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	101				%	1	05/01/22	HM	70 - 130 %	
% Bromofluorobenzene	100				%	1	05/01/22	HM	70 - 130 %	
% Dibromofluoromethane	103				%	1	05/01/22	HM	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	102			%	1	05/01/22	HM	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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Phyllis Shiller, Laboratory Director

May 24, 2022

Reviewed and Released by: Maryam Taylor, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 24, 2022

FOR: Attn: Mr. Brian Neumann
Precision Env. Services, Inc.
831 Route 67 Lot 38A
Ballston Spa, NY 12020

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/27/22	12:19
Location Code:	PRECISIN-DEC	Received by:	LB	04/28/22	16:20
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL19118
Phoenix ID: CL19122

Project ID: LUBRICANT PACKAGING CO., (CO # 144123)
Client ID: LMW-05

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	05/05/22	MH	SW8260C	
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	05/05/22	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	05/05/22	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	05/05/22	MH	SW8260C	

Project ID: LUBRICANT PACKAGING CO., (CO # 144123) Phoenix I.D.: CL19122
Client ID: LMW-05

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	3.9	JS	5.0	2.5	ug/L	1	05/05/22	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	05/05/22	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	05/05/22	MH	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	05/05/22	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Carbon Disulfide	0.32	J	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	05/05/22	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	05/05/22	MH	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	05/05/22	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	05/05/22	MH	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	05/05/22	MH	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	05/05/22	MH	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	05/05/22	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	05/05/22	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	98				%	1	05/05/22	MH	70 - 130 %	
% Bromofluorobenzene	98				%	1	05/05/22	MH	70 - 130 %	
% Dibromofluoromethane	101				%	1	05/05/22	MH	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	99			%	1	05/05/22	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
May 24, 2022
Reviewed and Released by: Maryam Taylor, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 24, 2022

FOR: Attn: Mr. Brian Neumann
Precision Env. Services, Inc.
831 Route 67 Lot 38A
Ballston Spa, NY 12020

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/27/22	11:26
Location Code:	PRECISIN-DEC	Received by:	LB	04/28/22	16:20
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL19118
Phoenix ID: CL19123

Project ID: LUBRICANT PACKAGING CO., (CO # 144123)
Client ID: LMW-11

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,1,1-Trichloroethane	1.2	J	5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,1-Dichloroethane	1.9	J J	5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2,3-Trichloropropane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2,4-Trimethylbenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND		1.0	0.50	ug/L	1	05/01/22	HM	SW8260C	
1,2-Dibromoethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	05/01/22	HM	SW8260C	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,3,5-Trimethylbenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
2-Hexanone	ND		2.5	2.5	ug/L	1	05/01/22	HM	SW8260C	
2-Isopropyltoluene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	05/01/22	HM	SW8260C	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		5.0	2.5	ug/L	1	05/01/22	HM	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	05/01/22	HM	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	05/01/22	HM	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	05/01/22	HM	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
cis-1,2-Dichloroethene	0.88	J	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	05/01/22	HM	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	05/01/22	HM	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	05/01/22	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	05/01/22	HM	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	05/01/22	HM	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Tetrachloroethene	0.74	J	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	05/01/22	HM	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	05/01/22	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	05/01/22	HM	SW8260C	
Trichloroethene	0.79	J	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Vinyl chloride	0.27	J	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	100				%	1	05/01/22	HM	70 - 130 %	
% Bromofluorobenzene	100				%	1	05/01/22	HM	70 - 130 %	
% Dibromofluoromethane	101				%	1	05/01/22	HM	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	101			%	1	05/01/22	HM	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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Phyllis Shiller, Laboratory Director
May 24, 2022
Reviewed and Released by: Maryam Taylor, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 24, 2022

FOR: Attn: Mr. Brian Neumann
Precision Env. Services, Inc.
831 Route 67 Lot 38A
Ballston Spa, NY 12020

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/27/22	11:37
Location Code:	PRECISIN-DEC	Received by:	LB	04/28/22	16:20
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL19118
Phoenix ID: CL19124

Project ID: LUBRICANT PACKAGING CO., (CO # 144123)
Client ID: LMW-12

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,1,1-Trichloroethane	0.31	J	5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,1-Dichloroethane	5.4	J	5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2,3-Trichloropropane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2,4-Trimethylbenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND		1.0	0.50	ug/L	1	05/01/22	HM	SW8260C	
1,2-Dibromoethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	05/01/22	HM	SW8260C	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,3,5-Trimethylbenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
2-Hexanone	ND		2.5	2.5	ug/L	1	05/01/22	HM	SW8260C	
2-Isopropyltoluene	0.26	J	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	05/01/22	HM	SW8260C	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		5.0	2.5	ug/L	1	05/01/22	HM	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	05/01/22	HM	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	05/01/22	HM	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	05/01/22	HM	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Chloroethane	0.28	J	5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
cis-1,2-Dichloroethene	3.1		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	05/01/22	HM	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	05/01/22	HM	SW8260C	
Isopropylbenzene	0.65	J	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	05/01/22	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	05/01/22	HM	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	05/01/22	HM	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
n-Propylbenzene	0.56	J	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
sec-Butylbenzene	0.64	J	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	05/01/22	HM	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
trans-1,2-Dichloroethene	0.32	J	5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	05/01/22	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	05/01/22	HM	SW8260C	
Trichloroethene	0.83	J	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Vinyl chloride	0.71	J	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	101				%	1	05/01/22	HM	70 - 130 %	
% Bromofluorobenzene	101				%	1	05/01/22	HM	70 - 130 %	
% Dibromofluoromethane	100				%	1	05/01/22	HM	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	102			%	1	05/01/22	HM	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
May 24, 2022
Reviewed and Released by: Maryam Taylor, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 24, 2022

FOR: Attn: Mr. Brian Neumann
Precision Env. Services, Inc.
831 Route 67 Lot 38A
Ballston Spa, NY 12020

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/27/22	13:40
Location Code:	PRECISIN-DEC	Received by:	LB	04/28/22	16:20
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL19118
Phoenix ID: CL19125

Project ID: LUBRICANT PACKAGING CO., (CO # 144123)
Client ID: MW-09

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
1,1,1-Trichloroethane	ND	25	1.3	ug/L	5	05/05/22	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
1,1,2-Trichloroethane	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
1,1-Dichloroethane	ND	25	1.3	ug/L	5	05/05/22	MH	SW8260C	
1,1-Dichloroethene	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
1,1-Dichloropropene	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
1,2,3-Trichloropropane	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	5.0	2.5	ug/L	5	05/05/22	MH	SW8260C	
1,2-Dibromoethane	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
1,2-Dichlorobenzene	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
1,2-Dichloroethane	ND	3.0	2.5	ug/L	5	05/05/22	MH	SW8260C	
1,2-Dichloropropane	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
1,3-Dichlorobenzene	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
1,3-Dichloropropane	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
1,4-Dichlorobenzene	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
2,2-Dichloropropane	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
2-Chlorotoluene	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
2-Hexanone	ND	13	13	ug/L	5	05/05/22	MH	SW8260C	
2-Isopropyltoluene	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	1
4-Chlorotoluene	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
4-Methyl-2-pentanone	ND	13	13	ug/L	5	05/05/22	MH	SW8260C	

Project ID: LUBRICANT PACKAGING CO., (CO # 144123) Phoenix I.D.: CL19125

Client ID: MW-09

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		25	13	ug/L	5	05/05/22	MH	SW8260C	
Acrolein	ND		25	13	ug/L	5	05/05/22	MH	SW8260C	
Acrylonitrile	ND		25	13	ug/L	5	05/05/22	MH	SW8260C	
Benzene	ND		3.5	1.3	ug/L	5	05/05/22	MH	SW8260C	
Bromobenzene	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
Bromochloromethane	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
Bromodichloromethane	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
Bromoform	ND		25	1.3	ug/L	5	05/05/22	MH	SW8260C	
Bromomethane	ND		25	1.3	ug/L	5	05/05/22	MH	SW8260C	
Carbon Disulfide	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
Carbon tetrachloride	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
Chlorobenzene	ND		25	1.3	ug/L	5	05/05/22	MH	SW8260C	
Chloroethane	ND		25	1.3	ug/L	5	05/05/22	MH	SW8260C	
Chloroform	ND		25	1.3	ug/L	5	05/05/22	MH	SW8260C	
Chloromethane	ND		25	1.3	ug/L	5	05/05/22	MH	SW8260C	
cis-1,2-Dichloroethene	290		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
cis-1,3-Dichloropropene	ND		2.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
Dibromochloromethane	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
Dibromomethane	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
Dichlorodifluoromethane	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
Ethylbenzene	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
Hexachlorobutadiene	ND		2.5	1.0	ug/L	5	05/05/22	MH	SW8260C	
Isopropylbenzene	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
m&p-Xylene	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
Methyl ethyl ketone	ND		13	13	ug/L	5	05/05/22	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
Methylene chloride	ND		15	5.0	ug/L	5	05/05/22	MH	SW8260C	
Naphthalene	ND		5.0	5.0	ug/L	5	05/05/22	MH	SW8260C	
n-Butylbenzene	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
n-Propylbenzene	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
o-Xylene	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
p-Isopropyltoluene	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
sec-Butylbenzene	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
Styrene	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
tert-Butylbenzene	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
Tetrachloroethene	490	J	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
Tetrahydrofuran (THF)	ND		25	13	ug/L	5	05/05/22	MH	SW8260C	1
Toluene	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
trans-1,2-Dichloroethene	2.8	J	25	1.3	ug/L	5	05/05/22	MH	SW8260C	
trans-1,3-Dichloropropene	ND		2.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		13	13	ug/L	5	05/05/22	MH	SW8260C	
Trichloroethene	67		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
Trichlorofluoromethane	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
Trichlorotrifluoroethane	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
Vinyl chloride	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4 (5x)	98				%	5	05/05/22	MH	70 - 130 %	
% Bromofluorobenzene (5x)	98				%	5	05/05/22	MH	70 - 130 %	
% Dibromofluoromethane (5x)	101				%	5	05/05/22	MH	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (5x)	99			%	5	05/05/22	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
May 24, 2022
Reviewed and Released by: Maryam Taylor, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

May 24, 2022

FOR: Attn: Mr. Brian Neumann
Precision Env. Services, Inc.
831 Route 67 Lot 38A
Ballston Spa, NY 12020

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/27/22	14:10
Location Code:	PRECISIN-DEC	Received by:	LB	04/28/22	16:20
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL19118
Phoenix ID: CL19126

Project ID: LUBRICANT PACKAGING CO., (CO # 144123)
Client ID: MW-206

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
1,1,1-Trichloroethane	ND	10	0.50	ug/L	2	05/05/22	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
1,1,2-Trichloroethane	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
1,1-Dichloroethane	ND	10	0.50	ug/L	2	05/05/22	MH	SW8260C	
1,1-Dichloroethene	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
1,1-Dichloropropene	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
1,2,3-Trichloropropane	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	2.0	1.0	ug/L	2	05/05/22	MH	SW8260C	
1,2-Dibromoethane	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
1,2-Dichlorobenzene	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
1,2-Dichloroethane	ND	1.2	1.0	ug/L	2	05/05/22	MH	SW8260C	
1,2-Dichloropropane	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
1,3-Dichlorobenzene	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
1,3-Dichloropropane	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
1,4-Dichlorobenzene	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
2,2-Dichloropropane	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
2-Chlorotoluene	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
2-Hexanone	ND	5.0	5.0	ug/L	2	05/05/22	MH	SW8260C	
2-Isopropyltoluene	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	1
4-Chlorotoluene	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
4-Methyl-2-pentanone	ND	5.0	5.0	ug/L	2	05/05/22	MH	SW8260C	

Project ID: LUBRICANT PACKAGING CO., (CO # 144123) Phoenix I.D.: CL19126
Client ID: MW-206

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	10	5.0	ug/L	2	05/05/22	MH	SW8260C	
Acrolein	ND	10	5.0	ug/L	2	05/05/22	MH	SW8260C	
Acrylonitrile	ND	10	5.0	ug/L	2	05/05/22	MH	SW8260C	
Benzene	ND	1.4	0.50	ug/L	2	05/05/22	MH	SW8260C	
Bromobenzene	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
Bromochloromethane	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
Bromodichloromethane	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
Bromoform	ND	10	0.50	ug/L	2	05/05/22	MH	SW8260C	
Bromomethane	ND	10	0.50	ug/L	2	05/05/22	MH	SW8260C	
Carbon Disulfide	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
Carbon tetrachloride	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
Chlorobenzene	ND	10	0.50	ug/L	2	05/05/22	MH	SW8260C	
Chloroethane	ND	10	0.50	ug/L	2	05/05/22	MH	SW8260C	
Chloroform	ND	10	0.50	ug/L	2	05/05/22	MH	SW8260C	
Chloromethane	ND	10	0.50	ug/L	2	05/05/22	MH	SW8260C	
cis-1,2-Dichloroethene	2.8	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.80	0.50	ug/L	2	05/05/22	MH	SW8260C	
Dibromochloromethane	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
Dibromomethane	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
Dichlorodifluoromethane	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
Ethylbenzene	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
Hexachlorobutadiene	ND	1.0	0.40	ug/L	2	05/05/22	MH	SW8260C	
Isopropylbenzene	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
m&p-Xylene	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
Methyl ethyl ketone	ND	5.0	5.0	ug/L	2	05/05/22	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
Methylene chloride	ND	6.0	2.0	ug/L	2	05/05/22	MH	SW8260C	
Naphthalene	ND	2.0	2.0	ug/L	2	05/05/22	MH	SW8260C	
n-Butylbenzene	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
n-Propylbenzene	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
o-Xylene	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
p-Isopropyltoluene	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
sec-Butylbenzene	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
Styrene	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
tert-Butylbenzene	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
Tetrachloroethene	170	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
Tetrahydrofuran (THF)	ND	10	5.0	ug/L	2	05/05/22	MH	SW8260C	1
Toluene	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
trans-1,2-Dichloroethene	ND	10	0.50	ug/L	2	05/05/22	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.80	0.50	ug/L	2	05/05/22	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	5.0	ug/L	2	05/05/22	MH	SW8260C	
Trichloroethene	4.4	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
Trichlorofluoromethane	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
Trichlorotrifluoroethane	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
Vinyl chloride	ND	2.0	0.50	ug/L	2	05/05/22	MH	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4 (2x)	99			%	2	05/05/22	MH	70 - 130 %	
% Bromofluorobenzene (2x)	98			%	2	05/05/22	MH	70 - 130 %	
% Dibromofluoromethane (2x)	99			%	2	05/05/22	MH	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (2x)	99			%	2	05/05/22	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
May 24, 2022
Reviewed and Released by: Maryam Taylor, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 24, 2022

FOR: Attn: Mr. Brian Neumann
Precision Env. Services, Inc.
831 Route 67 Lot 38A
Ballston Spa, NY 12020

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/27/22	13:36
Location Code:	PRECISIN-DEC	Received by:	LB	04/28/22	16:20
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL19118
Phoenix ID: CL19127

Project ID: LUBRICANT PACKAGING CO., (CO # 144123)
Client ID: MW-209

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	05/05/22	MH	SW8260C	
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	05/05/22	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	05/05/22	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	05/05/22	MH	SW8260C	

Project ID: LUBRICANT PACKAGING CO., (CO # 144123) Phoenix I.D.: CL19127
Client ID: MW-209

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		5.0	2.5	ug/L	1	05/05/22	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	05/05/22	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	05/05/22	MH	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	05/05/22	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
cis-1,2-Dichloroethene	12		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	05/05/22	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	05/05/22	MH	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	05/05/22	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	05/05/22	MH	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	05/05/22	MH	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Tetrachloroethene	88		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	05/05/22	MH	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	05/05/22	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	05/05/22	MH	SW8260C	
Trichloroethene	16		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
Vinyl chloride	0.32	J	1.0	0.25	ug/L	1	05/05/22	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	99				%	1	05/05/22	MH	70 - 130 %	
% Bromofluorobenzene	98				%	1	05/05/22	MH	70 - 130 %	
% Dibromofluoromethane	101				%	1	05/05/22	MH	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	99			%	1	05/05/22	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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Phyllis Shiller, Laboratory Director

May 24, 2022

Reviewed and Released by: Maryam Taylor, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 24, 2022

FOR: Attn: Mr. Brian Neumann
Precision Env. Services, Inc.
831 Route 67 Lot 38A
Ballston Spa, NY 12020

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/27/22	11:22
Location Code:	PRECISIN-DEC	Received by:	LB	04/28/22	16:20
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL19118
Phoenix ID: CL19128

Project ID: LUBRICANT PACKAGING CO., (CO # 144123)
Client ID: DUP A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
1,1,1-Trichloroethane	ND	25	1.3	ug/L	5	05/05/22	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
1,1,2-Trichloroethane	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
1,1-Dichloroethane	ND	25	1.3	ug/L	5	05/05/22	MH	SW8260C	
1,1-Dichloroethene	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
1,1-Dichloropropene	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
1,2,3-Trichloropropane	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	5.0	2.5	ug/L	5	05/05/22	MH	SW8260C	
1,2-Dibromoethane	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
1,2-Dichlorobenzene	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
1,2-Dichloroethane	ND	3.0	2.5	ug/L	5	05/05/22	MH	SW8260C	
1,2-Dichloropropane	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
1,3-Dichlorobenzene	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
1,3-Dichloropropane	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
1,4-Dichlorobenzene	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
2,2-Dichloropropane	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
2-Chlorotoluene	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
2-Hexanone	ND	13	13	ug/L	5	05/05/22	MH	SW8260C	
2-Isopropyltoluene	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	1
4-Chlorotoluene	ND	5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
4-Methyl-2-pentanone	ND	13	13	ug/L	5	05/05/22	MH	SW8260C	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		25	13	ug/L	5	05/05/22	MH	SW8260C	
Acrolein	ND		25	13	ug/L	5	05/05/22	MH	SW8260C	
Acrylonitrile	ND		25	13	ug/L	5	05/05/22	MH	SW8260C	
Benzene	ND		3.5	1.3	ug/L	5	05/05/22	MH	SW8260C	
Bromobenzene	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
Bromochloromethane	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
Bromodichloromethane	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
Bromoform	ND		25	1.3	ug/L	5	05/05/22	MH	SW8260C	
Bromomethane	ND		25	1.3	ug/L	5	05/05/22	MH	SW8260C	
Carbon Disulfide	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
Carbon tetrachloride	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
Chlorobenzene	ND		25	1.3	ug/L	5	05/05/22	MH	SW8260C	
Chloroethane	ND		25	1.3	ug/L	5	05/05/22	MH	SW8260C	
Chloroform	ND		25	1.3	ug/L	5	05/05/22	MH	SW8260C	
Chloromethane	ND		25	1.3	ug/L	5	05/05/22	MH	SW8260C	
cis-1,2-Dichloroethene	290		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
cis-1,3-Dichloropropene	ND		2.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
Dibromochloromethane	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
Dibromomethane	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
Dichlorodifluoromethane	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
Ethylbenzene	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
Hexachlorobutadiene	ND		2.5	1.0	ug/L	5	05/05/22	MH	SW8260C	
Isopropylbenzene	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
m&p-Xylene	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
Methyl ethyl ketone	ND		13	13	ug/L	5	05/05/22	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
Methylene chloride	ND		15	5.0	ug/L	5	05/05/22	MH	SW8260C	
Naphthalene	ND		5.0	5.0	ug/L	5	05/05/22	MH	SW8260C	
n-Butylbenzene	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
n-Propylbenzene	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
o-Xylene	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
p-Isopropyltoluene	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
sec-Butylbenzene	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
Styrene	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
tert-Butylbenzene	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
Tetrachloroethene	660	J	20	5.0	ug/L	20	05/01/22	MH	SW8260C	
Tetrahydrofuran (THF)	ND		25	13	ug/L	5	05/05/22	MH	SW8260C	1
Toluene	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
trans-1,2-Dichloroethene	2.8	J	25	1.3	ug/L	5	05/05/22	MH	SW8260C	
trans-1,3-Dichloropropene	ND		2.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		13	13	ug/L	5	05/05/22	MH	SW8260C	
Trichloroethene	69		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
Trichlorofluoromethane	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
Trichlorotrifluoroethane	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
Vinyl chloride	ND		5.0	1.3	ug/L	5	05/05/22	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4 (5x)	98				%	5	05/05/22	MH	70 - 130 %	
% Bromofluorobenzene (5x)	97				%	5	05/05/22	MH	70 - 130 %	
% Dibromofluoromethane (5x)	98				%	5	05/05/22	MH	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (5x)	99			%	5	05/05/22	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (20x)	100			%	20	05/01/22	MH	70 - 130 %
% Bromofluorobenzene (20x)	100			%	20	05/01/22	MH	70 - 130 %
% Dibromofluoromethane (20x)	100			%	20	05/01/22	MH	70 - 130 %
% Toluene-d8 (20x)	102			%	20	05/01/22	MH	70 - 130 %

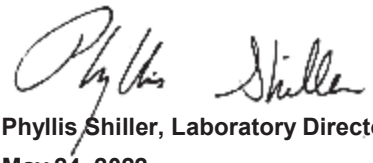
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 24, 2022

Reviewed and Released by: Maryam Taylor, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

May 24, 2022

FOR: Attn: Mr. Brian Neumann
Precision Env. Services, Inc.
831 Route 67 Lot 38A
Ballston Spa, NY 12020

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		04/27/22	
Location Code:	PRECISIN-DEC	Received by:	LB	04/28/22	16:20
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL19118
Phoenix ID: CL19129

Project ID: LUBRICANT PACKAGING CO., (CO # 144123)
Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	05/01/22	HM	SW8260C	
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	05/01/22	HM	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	05/01/22	HM	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	05/01/22	HM	SW8260C	

Project ID: LUBRICANT PACKAGING CO., (CO # 144123) Phoenix I.D.: CL19129

Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	5.0	2.5	ug/L	1	05/01/22	HM	SW8260C	
Acrolein	ND	5.0	2.5	ug/L	1	05/01/22	HM	SW8260C	
Acrylonitrile	ND	5.0	2.5	ug/L	1	05/01/22	HM	SW8260C	
Benzene	ND	0.70	0.25	ug/L	1	05/01/22	HM	SW8260C	
Bromobenzene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Bromochloromethane	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Bromodichloromethane	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Bromoform	ND	5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Bromomethane	ND	5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Carbon Disulfide	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Chlorobenzene	ND	5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Chloroethane	ND	5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Chloroform	ND	5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Chloromethane	ND	5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	05/01/22	HM	SW8260C	
Dibromochloromethane	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Dibromomethane	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Ethylbenzene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	05/01/22	HM	SW8260C	
Isopropylbenzene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
m&p-Xylene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	05/01/22	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Methylene chloride	ND	3.0	1.0	ug/L	1	05/01/22	HM	SW8260C	
Naphthalene	ND	1.0	1.0	ug/L	1	05/01/22	HM	SW8260C	
n-Butylbenzene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
n-Propylbenzene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
o-Xylene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Styrene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	05/01/22	HM	SW8260C	1
Toluene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	05/01/22	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	05/01/22	HM	SW8260C	
Trichloroethene	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
Vinyl chloride	ND	1.0	0.25	ug/L	1	05/01/22	HM	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100			%	1	05/01/22	HM	70 - 130 %	
% Bromofluorobenzene	100			%	1	05/01/22	HM	70 - 130 %	
% Dibromofluoromethane	101			%	1	05/01/22	HM	70 - 130 %	

Project ID: LUBRICANT PACKAGING CO., (CO # 144123) Phoenix I.D.: CL19129
Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	101			%	1	05/01/22	HM	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

TRIP BLANK INCLUDED.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
May 24, 2022
Reviewed and Released by: Maryam Taylor, Project Manager

VOC Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8260C Volatiles Data
for Phoenix Environmental Laboratories, Inc.
SDG: GCL19118

10 Ground Water Samples, 1 Field Duplicate,
and 1 Trip Blank
Collected April 27, 2022

Prepared by: Donald Anné
July 6, 2022

Holding Times: Samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The %RSDs for applicable compounds were below the method maximum, as required. The average RRFs for acetone and tetrachloroethene were below the method minimums, but not below 0.010 for CHEM23 on 04-25-22. The average RRFs for acetone and tetrachloroethene were below the method minimums, but not below 0.010 for CHEM23 on 05-05-22. No action is taken when fewer than 20% of the compounds per calibration do not meet either method %RSD or average RRF criteria, provided the average RRFs are not below 0.010.

The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for acetone and tetrachloroethene were below the method minimums, but not below 0.010 on 05-01-22 (0501_02.D). The RRFs for acetone and tetrachloroethene were below the method minimums, but not below 0.010 on 05-02-22 (0502_03.D). The %Ds for bromomethane and 1,1-dichloroethane were above the method maximum on 05-01-22 (0501_02.D). The %Ds for bromomethane, methylene chloride, and 1,1-dichloroethane were above the method maximum on 05-02-22 (0501_03.D). No action is taken when fewer than 20% of the compounds per calibration do not meet either method %D or RRF criteria, provided the RRFs are not below 0.010.

The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %Ds for bromomethane, 1,1-dichloroethane, 2,2-dichloropropane, and trans-1,4-dichloro-2-butene were above the allowable maximum on 05-01-22 (0501_02.D). The %Ds for bromomethane, methylene chloride, and trans-1,4-dichloro-2-butene were above

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www.alphageoscience.com

the allowable maximum on 05-02-22 (0502_03.D). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analyses of the method and trip blanks reported target compounds as not detected.

Internal Standard Area Summary: The applicable internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the ground water samples and trip blank.

Matrix Spike/Matrix Spike Duplicate: The relative percent difference for bromomethane was above the allowable maximum; 1 of 2 percent recoveries (%Rs) for cis-1,2-dichloroethene was above QC limits; and 2 of2 %Rs for bromomethane were below QC limits, but not below 30% for aqueous MS/MSD sample LMW-02. The positive result for cis-1,2-dichloroethene should be considered estimated, biased high (J+) and the "not detected" result for bromomethane estimated (UJ) in samples LMW-02.

Laboratory Control Sample: The relative percent differences (RPD) for tetrachloroethene was below the allowable maximum and the percent recoveries were within QC limits for aqueous sample CL19122 LCS.

The RPDs for applicable target compounds were below the allowable maximum, but 2 of 2 %Rs for trans-1,4-dichloro-2-butene were above QC limits for aqueous samples CL19119 LCS and CL19557 LCS. Positive results for trans-1,4-dichloro-2-butene should be considered estimated, biased high (J+) in associated aqueous samples.

Field Duplicates: The relative percent difference for tetrachloroethene was above the allowable maximum (20%) for aqueous field duplicate pair MW-09/DUP A (attached table). Positive results for tetrachloroethene should be considered estimated (J) in samples MW-09 and DUP A.

Compound ID: Checked compound and surrogate results were within quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

3C
WATER VOLATILE LCS SPIKE / LCS SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: PRECISIN-DEC

Lab Code: Phoenix Case No: SAS No: SDG No GCL19118

LCS Spike - Client Id: CL19119 LCS Level:(low/med) Med

COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	LCS CONCENTRATION ug/L	LCS % REC #	QC. LIMITS REC.	
Dichlorodifluoromethane	20	0.0	20.43	102	70	130
Chloromethane	20	0.0	18.91	95	70	130
Vinyl Chloride	20	0.0	20.29	101	70	130
Bromomethane	20	0.0	13.93	70	70	130
Chloroethane	20	0.0	18.67	93	70	130
Trichlorofluoromethane	20	0.0	20.57	103	70	130
1,1-Dichloroethene	20	0.0	17.51	88	70	130
Trichlorotrifluoroethane	20	0.0	16.61	83	70	130
Carbon Disulfide	20	0.0	16.31	82	70	130
Acrolein	100	0.0	79.93	80	70	130
Methylene Chloride	20	0.0	15.73	79	70	130
Acetone	20	0.0	15.89	79	70	130
Trans-1,2-Dichloroethene	20	0.0	16.89	84	70	130
Methyl t-Butyl Ether (MTBE)	20	0.0	17.64	88	70	130
1,1-Dichloroethane	20	0.0	21.79	109	70	130
Acrylonitrile	20	0.0	19.89	99	70	130
Cis-1,2-Dichloroethene	20	0.0	20.67	103	70	130
2,2-Dichloropropane	20	0.0	22.04	110	70	130
Bromochloromethane	20	0.0	19.53	98	70	130

COMPOUND	SPIKE ADDED ug/L	LCSD CONCENTRATION ug/L	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	
Dichlorodifluoromethane	20	20.61	103	1.0	30	70	130
Chloromethane	20	18.64	93	2.1	30	70	130
Vinyl Chloride	20	20.62	103	2.0	30	70	130
Bromomethane	20	15.19	76	8.2	30	70	130
Chloroethane	20	19.07	95	2.1	30	70	130
Trichlorofluoromethane	20	21.10	105	1.9	30	70	130
1,1-Dichloroethene	20	18.36	92	4.4	30	70	130
Trichlorotrifluoroethane	20	17.05	85	2.4	30	70	130
Carbon Disulfide	20	16.52	83	1.2	30	70	130
Acrolein	100	78.50	78	2.5	30	70	130
Methylene Chloride	20	15.47	77	2.6	30	70	130
Acetone	20	15.70	78	1.3	30	70	130
Trans-1,2-Dichloroethene	20	17.35	87	3.5	30	70	130
Methyl t-Butyl Ether (MTBE)	20	17.89	89	1.1	30	70	130
1,1-Dichloroethane	20	21.80	109	0.0	30	70	130
Acrylonitrile	20	19.30	97	2.0	30	70	130
Cis-1,2-Dichloroethene	20	20.60	103	0.0	30	70	130
2,2-Dichloropropane	20	22.47	112	1.8	30	70	130
Bromochloromethane	20	19.68	98	0.0	30	70	130

FORM III VOA

3C
WATER VOLATILE LCS SPIKE / LCS SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: PRECISIN-DEC

Lab Code: Phoenix Case No: SAS No: SDG No GCL19118

LCS Spike - Client Id: CL19119 LCS Level:(low/med) Med

COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	LCS CONCENTRATION ug/L	LCS % REC #	QC. LIMITS REC.	
Chloroform	20	0.0	20.07	100	70	130
Carbon Tetrachloride	20	0.0	19.46	97	70	130
Tetrahydrofuran (THF)	50	0.0	47.25	95	70	130
1,1,1-Trichloroethane	20	0.0	20.40	102	70	130
Methyl Ethyl Ketone	20	0.0	19.15	96	70	130
1,1-Dichloropropene	20	0.0	21.02	105	70	130
Benzene	20	0.0	20.70	104	70	130
1,2-Dichloroethane	20	0.0	19.92	100	70	130
Trichloroethene	20	0.0	19.72	99	70	130
Dibromomethane	20	0.0	20.24	101	70	130
1,2-dichloropropane	20	0.0	20.24	101	70	130
Bromodichloromethane	20	0.0	20.84	104	70	130
cis-1,3-Dichloropropene	20	0.0	21.02	105	70	130
Toluene	20	0.0	20.86	104	70	130
4-Methyl-2-Pentanone	20	0.0	19.18	96	70	130
Tetrachloroethene	20	0.0	20.20	101	70	130
trans-1,3-Dichloropropene	20	0.0	20.90	104	70	130
1,1,2-Trichloroethane	20	0.0	20.16	101	70	130
Dibromochloromethane	20	0.0	21.39	107	70	130

COMPOUND	SPIKE ADDED ug/L	LCSD CONCENTRATION ug/L	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	
Chloroform	20	19.63	98	2.0	30	70	130
Carbon Tetrachloride	20	19.71	99	2.0	30	70	130
Tetrahydrofuran (THF)	50	47.38	95	0.0	30	70	130
1,1,1-Trichloroethane	20	20.57	103	1.0	30	70	130
Methyl Ethyl Ketone	20	19.07	95	1.0	30	70	130
1,1-Dichloropropene	20	21.08	105	0.0	30	70	130
Benzene	20	20.77	104	0.0	30	70	130
1,2-Dichloroethane	20	19.84	99	1.0	30	70	130
Trichloroethene	20	19.69	98	1.0	30	70	130
Dibromomethane	20	20.28	101	0.0	30	70	130
1,2-dichloropropane	20	20.02	100	1.0	30	70	130
Bromodichloromethane	20	20.81	104	0.0	30	70	130
cis-1,3-Dichloropropene	20	21.13	106	0.9	30	70	130
Toluene	20	20.98	105	1.0	30	70	130
4-Methyl-2-Pentanone	20	19.17	96	0.0	30	70	130
Tetrachloroethene	20	20.26	101	0.0	30	70	130
trans-1,3-Dichloropropene	20	20.87	104	0.0	30	70	130
1,1,2-Trichloroethane	20	20.29	101	0.0	30	70	130
Dibromochloromethane	20	21.29	106	0.9	30	70	130

FORM III VOA

3C

WATER VOLATILE LCS SPIKE / LCS SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: PRECISIN-DEC

Lab Code: Phoenix Case No: SAS No: SDG No GCL19118

LCS Spike - Client Id: CL19119 LCS Level:(low/med) Med

COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	LCS CONCENTRATION ug/L	LCS % REC #	QC. LIMITS REC.	
1,3-Dichloropropane	20	0.0	21.28	106	70	130
1,2-Dibromoethane	20	0.0	21.30	106	70	130
2-Hexanone	20	0.0	18.95	95	70	130
Chlorobenzene	20	0.0	20.82	104	70	130
Ethylbenzene	20	0.0	21.08	105	70	130
1,1,1,2-Tetrachloroethane	20	0.0	22.05	110	70	130
m&p-Xylene	40	0.0	43.00	107	70	130
o-Xylene	20	0.0	20.94	105	70	130
Styrene	20	0.0	22.04	110	70	130
Bromoform	20	0.0	22.13	111	70	130
Isopropylbenzene	20	0.0	21.68	108	70	130
Bromobenzene	20	0.0	21.40	107	70	130
n-Propylbenzene	20	0.0	21.90	109	70	130
1,1,2,2-Tetrachloroethane	20	0.0	21.20	106	70	130
2-Chlorotoluene	20	0.0	21.88	109	70	130
1,3,5-Trimethylbenzene	20	0.0	22.20	111	70	130
1,2,3-Trichloropropane	20	0.0	20.74	104	70	130
trans-1,4-Dichloro-2-butene	100	0.0	132.9	133 *	70	130
4-Chlorotoluene	20	0.0	21.85	109	70	130

COMPOUND	SPIKE ADDED ug/L	LCSD CONCENTRATION ug/L	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	
1,3-Dichloropropane	20	21.27	106	0.0	30	70	130
1,2-Dibromoethane	20	21.15	106	0.0	30	70	130
2-Hexanone	20	19.54	98	3.1	30	70	130
Chlorobenzene	20	20.68	103	1.0	30	70	130
Ethylbenzene	20	21.38	107	1.9	30	70	130
1,1,1,2-Tetrachloroethane	20	21.87	109	0.9	30	70	130
m&p-Xylene	40	43.07	108	0.9	30	70	130
o-Xylene	20	21.12	106	0.9	30	70	130
Styrene	20	22.12	111	0.9	30	70	130
Bromoform	20	22.08	110	0.9	30	70	130
Isopropylbenzene	20	22.14	111	2.7	30	70	130
Bromobenzene	20	21.31	107	0.0	30	70	130
n-Propylbenzene	20	22.01	110	0.9	30	70	130
1,1,2,2-Tetrachloroethane	20	21.42	107	0.9	30	70	130
2-Chlorotoluene	20	21.87	109	0.0	30	70	130
1,3,5-Trimethylbenzene	20	22.35	112	0.9	30	70	130
1,2,3-Trichloropropane	20	20.90	104	0.0	30	70	130
trans-1,4-Dichloro-2-butene	100	130.9	131 *	1.5	30	70	130
4-Chlorotoluene	20	22.03	110	0.9	30	70	130

FORM III VOA

3C
WATER VOLATILE LCS SPIKE / LCS SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: PRECISIN-DEC

Lab Code: Phoenix Case No: SAS No: SDG No GCL19118

LCS Spike - Client Id: CL19119 LCS Level:(low/med) Med

COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	LCS CONCENTRATION ug/L	LCS % REC #	QC. LIMITS REC.	
tert-Butylbenzene	20	0.0	22.10	110	70	130
1,2,4-Trimethylbenzene	20	0.0	22.21	111	70	130
sec-Butylbenzene	20	0.0	22.69	113	70	130
p-Isopropyltoluene	20	0.0	22.52	113	70	130
1,3-Dichlorobenzene	20	0.0	21.40	107	70	130
1,4-Dichlorobenzene	20	0.0	20.70	104	70	130
2-Isopropyltoluene	20	0.0	21.77	109	70	130
n-Butylbenzene	20	0.0	23.34	117	70	130
1,2-Dichlorobenzene	20	0.0	21.03	105	70	130
1,2-Dibromo-3-Chloropropane	20	0.0	21.12	106	70	130
Hexachlorobutadiene	20	0.0	20.75	104	70	130
1,2,4-Trichlorobenzene	20	0.0	21.87	109	70	130
Naphthalene	20	0.0	21.11	106	70	130
1,2,3-Trichlorobenzene	20	0.0	21.15	106	70	130

COMPOUND	SPIKE ADDED ug/L	LCSD CONCENTRATION ug/L	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	
tert-Butylbenzene	20	22.13	111	0.9	30	70	130
1,2,4-Trimethylbenzene	20	22.14	111	0.0	30	70	130
sec-Butylbenzene	20	22.92	115	1.8	30	70	130
p-Isopropyltoluene	20	22.52	113	0.0	30	70	130
1,3-Dichlorobenzene	20	21.74	109	1.9	30	70	130
1,4-Dichlorobenzene	20	21.15	106	1.9	30	70	130
2-Isopropyltoluene	20	22.12	111	1.8	30	70	130
n-Butylbenzene	20	23.35	117	0.0	30	70	130
1,2-Dichlorobenzene	20	21.02	105	0.0	30	70	130
1,2-Dibromo-3-Chloropropane	20	20.99	105	0.9	30	70	130
Hexachlorobutadiene	20	21.40	107	2.8	30	70	130
1,2,4-Trichlorobenzene	20	21.93	110	0.9	30	70	130
Naphthalene	20	20.85	104	1.9	30	70	130
1,2,3-Trichlorobenzene	20	21.63	108	1.9	30	70	130

FORM III VOA

3C

WATER VOLATILE MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: PRECISIN-DEC

Lab Code: Phoenix Case No: SAS No: SDG No GCL19118

Matrix Spike - Client Id: CL19119 / LMW-02 MS Level:(low/med) Med

COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC #	QC. LIMITS REC.	
Dichlorodifluoromethane	20.00	0.0	22.49	112	70	130
Chloromethane	20.00	0.0	20.49	102	70	130
Vinyl Chloride	20.00	4.5	28.66	121	70	130
Bromomethane	20.00	0.0	7.803	39 *	70	130
Chloroethane	20.00	0.0	21.73	109	70	130
Trichlorofluoromethane	20.00	0.0	22.95	115	70	130
1,1-Dichloroethene	20.00	0.0	19.42	97	59	172
Trichlorotrifluoroethane	20.00	0.0	18.02	90	70	130
Carbon Disulfide	20.00	0.0	17.36	87	70	130
Acrolein	100.0	0.0	69.82	70	70	130
Methylene Chloride	20.00	0.0	16.38	82	70	130
Acetone	20.00	0.0	17.31	87	70	130
Trans-1,2-Dichloroethene	20.00	0.0	18.53	93	70	130
Methyl t-Butyl Ether (MTBE)	20.00	0.0	18.37	92	70	130
1,1-Dichloroethane	20.00	3.0	26.47	118	70	130
Acrylonitrile	20.00	0.0	19.89	99	70	130
Cis-1,2-Dichloroethene	20.00	13	43.78	154 *	70	130
2,2-Dichloropropane	20.00	0.0	20.80	104	70	130
Bromochloromethane	20.00	0.0	20.55	103	70	130

COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	
Dichlorodifluoromethane	20.00	23.80	119	6.1	30	70	130
Chloromethane	20.00	22.16	111	8.5	30	70	130
Vinyl Chloride	20.00	28.74	121	0.0	30	70	130
Bromomethane	20.00	11.38	57 *	37.5 *	30	70	130
Chloroethane	20.00	22.83	114	4.5	30	70	130
Trichlorofluoromethane	20.00	24.45	122	5.9	30	70	130
1,1-Dichloroethene	20.00	21.03	105	7.9	30	59	172
Trichlorotrifluoroethane	20.00	19.63	98	8.5	30	70	130
Carbon Disulfide	20.00	18.80	94	7.7	30	70	130
Acrolein	100.0	78.54	79	12.1	30	70	130
Methylene Chloride	20.00	17.56	88	7.1	30	70	130
Acetone	20.00	18.55	93	6.7	30	70	130
Trans-1,2-Dichloroethene	20.00	20.04	100	7.3	30	70	130
Methyl t-Butyl Ether (MTBE)	20.00	19.58	98	6.3	30	70	130
1,1-Dichloroethane	20.00	28.49	128	8.1	30	70	130
Acrylonitrile	20.00	21.07	105	5.9	30	70	130
Cis-1,2-Dichloroethene	20.00	38.74	128	18.4	30	70	130
2,2-Dichloropropane	20.00	22.07	110	5.6	30	70	130
Bromochloromethane	20.00	21.99	110	6.6	30	70	130

FORM III VOA

3C

WATER VOLATILE MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: PRECISIN-DEC

Lab Code: Phoenix Case No: SAS No: SDG No GCL19118

Matrix Spike - Client Id: CL19119 / LMW-02 MS Level:(low/med) Med

COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC #	QC. LIMITS REC.	
Chloroform	20.00	0.0	21.58	108	70	130
Carbon Tetrachloride	20.00	0.0	21.00	105	70	130
Tetrahydrofuran (THF)	50.00	0.0	48.27	97	70	130
1,1,1-Trichloroethane	20.00	0.39	22.60	111	70	130
Methyl Ethyl Ketone	20.00	0.0	19.82	99	70	130
1,1-Dichloropropene	20.00	0.0	22.46	112	70	130
Benzene	20.00	0.0	22.34	112	66	142
1,2-Dichloroethane	20.00	0.0	20.88	104	70	130
Trichloroethene	20.00	0.77	22.49	109	62	137
Dibromomethane	20.00	0.0	21.18	106	70	130
1,2-dichloropropane	20.00	0.0	21.55	108	70	130
Bromodichloromethane	20.00	0.0	21.60	108	70	130
cis-1,3-Dichloropropene	20.00	0.0	20.71	104	70	130
Toluene	20.00	0.0	22.48	112	59	139
4-Methyl-2-Pentanone	20.00	0.0	19.72	99	70	130
Tetrachloroethene	20.00	0.0	21.52	108	70	130
trans-1,3-Dichloropropene	20.00	0.0	20.71	104	70	130
1,1,2-Trichloroethane	20.00	0.0	21.08	105	70	130
Dibromochloromethane	20.00	0.0	21.84	109	70	130

COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	
Chloroform	20.00	22.99	115	6.3	30	70	130
Carbon Tetrachloride	20.00	22.34	112	6.5	30	70	130
Tetrahydrofuran (THF)	50.00	51.44	103	6.0	30	70	130
1,1,1-Trichloroethane	20.00	24.42	120	7.8	30	70	130
Methyl Ethyl Ketone	20.00	21.78	109	9.6	30	70	130
1,1-Dichloropropene	20.00	24.13	121	7.7	30	70	130
Benzene	20.00	23.87	119	6.1	30	66	142
1,2-Dichloroethane	20.00	22.20	111	6.5	30	70	130
Trichloroethene	20.00	23.62	114	4.5	30	62	137
Dibromomethane	20.00	22.71	114	7.3	30	70	130
1,2-dichloropropane	20.00	23.04	115	6.3	30	70	130
Bromodichloromethane	20.00	23.29	116	7.1	30	70	130
cis-1,3-Dichloropropene	20.00	22.21	111	6.5	30	70	130
Toluene	20.00	23.95	120	6.9	30	59	139
4-Methyl-2-Pentanone	20.00	21.32	107	7.8	30	70	130
Tetrachloroethene	20.00	22.64	113	4.5	30	70	130
trans-1,3-Dichloropropene	20.00	22.25	111	6.5	30	70	130
1,1,2-Trichloroethane	20.00	22.55	113	7.3	30	70	130
Dibromochloromethane	20.00	23.54	118	7.9	30	70	130

FORM III VOA

3C

WATER VOLATILE MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: PRECISIN-DEC

Lab Code: Phoenix Case No: SAS No: SDG No GCL19118

Matrix Spike - Client Id: CL19119 / LMW-02 MS Level:(low/med) Med

COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC #	QC. LIMITS REC.	
1,3-Dichloropropane	20.00	0.0	22.12	111	70	130
1,2-Dibromoethane	20.00	0.0	21.48	107	70	130
2-Hexanone	20.00	0.0	20.47	102	70	130
Chlorobenzene	20.00	0.0	22.23	111	60	133
Ethylbenzene	20.00	0.0	22.73	114	70	130
1,1,1,2-Tetrachloroethane	20.00	0.0	22.62	113	70	130
m&p-Xylene	40.00	0.0	45.53	114	70	130
o-Xylene	20.00	0.0	21.96	110	70	130
Styrene	20.00	0.0	22.75	114	70	130
Bromoform	20.00	0.0	21.81	109	70	130
Isopropylbenzene	20.00	0.0	22.41	112	70	130
Bromobenzene	20.00	0.0	22.07	110	70	130
n-Propylbenzene	20.00	0.0	22.28	111	70	130
1,1,2,2-Tetrachloroethane	20.00	0.0	22.04	110	70	130
2-Chlorotoluene	20.00	0.0	22.32	112	70	130
1,3,5-Trimethylbenzene	20.00	0.0	22.53	113	70	130
1,2,3-Trichloropropane	20.00	0.0	22.64	113	70	130
trans-1,4-Dichloro-2-butene	100.0	0.0	113.6	114	70	130
4-Chlorotoluene	20.00	0.0	22.43	112	70	130

COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	
1,3-Dichloropropane	20.00	23.65	118	6.1	30	70	130
1,2-Dibromoethane	20.00	23.52	118	9.8	30	70	130
2-Hexanone	20.00	21.38	107	4.8	30	70	130
Chlorobenzene	20.00	23.72	119	7.0	30	60	133
Ethylbenzene	20.00	24.16	121	6.0	30	70	130
1,1,1,2-Tetrachloroethane	20.00	24.50	123	8.5	30	70	130
m&p-Xylene	40.00	48.88	122	6.8	30	70	130
o-Xylene	20.00	23.56	118	7.0	30	70	130
Styrene	20.00	24.44	122	6.8	30	70	130
Bromoform	20.00	23.39	117	7.1	30	70	130
Isopropylbenzene	20.00	24.87	124	10.2	30	70	130
Bromobenzene	20.00	23.99	120	8.7	30	70	130
n-Propylbenzene	20.00	24.47	122	9.4	30	70	130
1,1,2,2-Tetrachloroethane	20.00	23.48	117	6.2	30	70	130
2-Chlorotoluene	20.00	24.21	121	7.7	30	70	130
1,3,5-Trimethylbenzene	20.00	24.66	123	8.5	30	70	130
1,2,3-Trichloropropane	20.00	24.16	121	6.8	30	70	130
trans-1,4-Dichloro-2-butene	100.0	125.1	125	9.2	30	70	130
4-Chlorotoluene	20.00	24.29	121	7.7	30	70	130

FORM III VOA

3C

WATER VOLATILE MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: PRECISIN-DEC

Lab Code: Phoenix Case No: SAS No: SDG No GCL19118

Matrix Spike - Client Id: CL19119 / LMW-02 MS Level:(low/med) Med

COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC #	QC. LIMITS REC.	
tert-Butylbenzene	20.00	0.0	22.30	111	70	130
1,2,4-Trimethylbenzene	20.00	0.0	22.25	111	70	130
sec-Butylbenzene	20.00	0.0	22.59	113	70	130
p-Isopropyltoluene	20.00	0.0	21.96	110	70	130
1,3-Dichlorobenzene	20.00	0.0	21.98	110	70	130
1,4-Dichlorobenzene	20.00	0.0	21.35	107	70	130
2-Isopropyltoluene	20.00	0.0	21.99	110	70	130
n-Butylbenzene	20.00	0.0	22.05	110	70	130
1,2-Dichlorobenzene	20.00	0.0	21.39	107	70	130
1,2-Dibromo-3-Chloropropane	20.00	0.0	20.81	104	70	130
Hexachlorobutadiene	20.00	0.0	16.60	83	70	130
1,2,4-Trichlorobenzene	20.00	0.0	20.23	101	70	130
Naphthalene	20.00	0.0	20.25	101	70	130
1,2,3-Trichlorobenzene	20.00	0.0	19.62	98	70	130

COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	
tert-Butylbenzene	20.00	24.81	124	11.1	30	70	130
1,2,4-Trimethylbenzene	20.00	24.58	123	10.3	30	70	130
sec-Butylbenzene	20.00	25.17	126	10.9	30	70	130
p-Isopropyltoluene	20.00	24.41	122	10.3	30	70	130
1,3-Dichlorobenzene	20.00	23.93	120	8.7	30	70	130
1,4-Dichlorobenzene	20.00	23.14	116	8.1	30	70	130
2-Isopropyltoluene	20.00	24.21	121	9.5	30	70	130
n-Butylbenzene	20.00	24.89	124	12.0	30	70	130
1,2-Dichlorobenzene	20.00	23.52	118	9.8	30	70	130
1,2-Dibromo-3-Chloropropane	20.00	22.23	111	6.5	30	70	130
Hexachlorobutadiene	20.00	19.60	98	16.6	30	70	130
1,2,4-Trichlorobenzene	20.00	22.56	113	11.2	30	70	130
Naphthalene	20.00	22.79	114	12.1	30	70	130
1,2,3-Trichlorobenzene	20.00	22.57	113	14.2	30	70	130

FORM III VOA

3C

WATER VOLATILE LCS SPIKE / LCS SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: PRECISIN-DEC

Lab Code: Phoenix Case No: SAS No: SDG No GCL19118

LCS Spike - Client Id: CL19557 LCS Level:(low/med) Med

COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	LCS CONCENTRATION ug/L	LCS % REC #	QC. LIMITS REC.	
Dichlorodifluoromethane	20	0.0	22.74	114	70	130
Chloromethane	20	0.0	21.50	108	70	130
Vinyl Chloride	20	0.0	23.18	116	70	130
Bromomethane	20	0.0	16.66	83	70	130
Chloroethane	20	0.0	21.23	106	70	130
Trichlorofluoromethane	20	0.0	22.19	111	70	130
1,1-Dichloroethene	20	0.0	19.84	99	70	130
Trichlorotrifluoroethane	20	0.0	17.97	90	70	130
Carbon Disulfide	20	0.0	18.57	93	70	130
Acrolein	100	0.0	86.99	87	70	130
Methylene Chloride	20	0.0	17.70	89	70	130
Acetone	20	0.0	18.57	93	70	130
Trans-1,2-Dichloroethene	20	0.0	19.26	96	70	130
Methyl t-Butyl Ether (MTBE)	20	0.0	19.98	100	70	130
1,1-Dichloroethane	20	0.0	24.29	121	70	130
Acrylonitrile	20	0.0	21.47	107	70	130
Cis-1,2-Dichloroethene	20	0.0	23.15	116	70	130
2,2-Dichloropropane	20	0.0	25.63	128	70	130
Bromochloromethane	20	0.0	21.74	109	70	130

COMPOUND	SPIKE ADDED ug/L	LCSD CONCENTRATION ug/L	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	
Dichlorodifluoromethane	20	22.34	112	1.8	30	70	130
Chloromethane	20	20.94	105	2.8	30	70	130
Vinyl Chloride	20	22.38	112	3.5	30	70	130
Bromomethane	20	16.82	84	1.2	30	70	130
Chloroethane	20	20.46	102	3.8	30	70	130
Trichlorofluoromethane	20	21.40	107	3.7	30	70	130
1,1-Dichloroethene	20	19.31	97	2.0	30	70	130
Trichlorotrifluoroethane	20	17.51	88	2.2	30	70	130
Carbon Disulfide	20	18.01	90	3.3	30	70	130
Acrolein	100	87.02	87	0.0	30	70	130
Methylene Chloride	20	17.30	86	3.4	30	70	130
Acetone	20	17.55	88	5.5	30	70	130
Trans-1,2-Dichloroethene	20	18.47	92	4.3	30	70	130
Methyl t-Butyl Ether (MTBE)	20	19.70	99	1.0	30	70	130
1,1-Dichloroethane	20	24.05	120	0.8	30	70	130
Acrylonitrile	20	21.70	108	0.9	30	70	130
Cis-1,2-Dichloroethene	20	22.34	112	3.5	30	70	130
2,2-Dichloropropane	20	25.43	127	0.8	30	70	130
Bromochloromethane	20	21.35	107	1.9	30	70	130

FORM III VOA

3C
WATER VOLATILE LCS SPIKE / LCS SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: PRECISIN-DEC

Lab Code: Phoenix Case No: SAS No: SDG No GCL19118

LCS Spike - Client Id: CL19557 LCS Level:(low/med) Med

COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	LCS CONCENTRATION ug/L	LCS % REC #	QC. LIMITS REC.	
Chloroform	20	0.0	21.95	110	70	130
Carbon Tetrachloride	20	0.0	25.20	126	70	130
Tetrahydrofuran (THF)	50	0.0	51.69	103	70	130
1,1,1-Trichloroethane	20	0.0	22.36	112	70	130
Methyl Ethyl Ketone	20	0.0	20.95	105	70	130
1,1-Dichloropropene	20	0.0	22.90	114	70	130
Benzene	20	0.0	22.80	114	70	130
1,2-Dichloroethane	20	0.0	21.77	109	70	130
Trichloroethene	20	0.0	21.92	110	70	130
Dibromomethane	20	0.0	22.12	111	70	130
1,2-dichloropropane	20	0.0	22.23	111	70	130
Bromodichloromethane	20	0.0	22.72	114	70	130
cis-1,3-Dichloropropene	20	0.0	23.34	117	70	130
Toluene	20	0.0	22.94	115	70	130
4-Methyl-2-Pentanone	20	0.0	20.50	103	70	130
Tetrachloroethene	20	0.0	22.11	111	70	130
trans-1,3-Dichloropropene	20	0.0	22.97	115	70	130
1,1,2-Trichloroethane	20	0.0	21.79	109	70	130
Dibromochloromethane	20	0.0	22.22	111	70	130

COMPOUND	SPIKE ADDED ug/L	LCSD CONCENTRATION ug/L	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	
Chloroform	20	21.74	109	0.9	30	70	130
Carbon Tetrachloride	20	24.35	122	3.2	30	70	130
Tetrahydrofuran (THF)	50	51.94	104	1.0	30	70	130
1,1,1-Trichloroethane	20	22.14	111	0.9	30	70	130
Methyl Ethyl Ketone	20	20.58	103	1.9	30	70	130
1,1-Dichloropropene	20	22.25	111	2.7	30	70	130
Benzene	20	22.54	113	0.9	30	70	130
1,2-Dichloroethane	20	21.49	107	1.9	30	70	130
Trichloroethene	20	21.52	108	1.8	30	70	130
Dibromomethane	20	21.87	109	1.8	30	70	130
1,2-dichloropropane	20	22.19	111	0.0	30	70	130
Bromodichloromethane	20	22.37	112	1.8	30	70	130
cis-1,3-Dichloropropene	20	23.14	116	0.9	30	70	130
Toluene	20	22.49	112	2.6	30	70	130
4-Methyl-2-Pentanone	20	20.83	104	1.0	30	70	130
Tetrachloroethene	20	21.71	109	1.8	30	70	130
trans-1,3-Dichloropropene	20	22.90	114	0.9	30	70	130
1,1,2-Trichloroethane	20	21.80	109	0.0	30	70	130
Dibromochloromethane	20	22.25	111	0.0	30	70	130

FORM III VOA

3C

WATER VOLATILE LCS SPIKE / LCS SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: PRECISIN-DEC

Lab Code: Phoenix Case No: SAS No: SDG No GCL19118

LCS Spike - Client Id: CL19557 LCS Level:(low/med) Med

COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	LCS CONCENTRATION ug/L	LCS % REC #	QC. LIMITS REC.	
1,3-Dichloropropane	20	0.0	21.73	109	70	130
1,2-Dibromoethane	20	0.0	21.87	109	70	130
2-Hexanone	20	0.0	19.79	99	70	130
Chlorobenzene	20	0.0	21.99	110	70	130
Ethylbenzene	20	0.0	22.43	112	70	130
1,1,1,2-Tetrachloroethane	20	0.0	22.80	114	70	130
m&p-Xylene	40	0.0	45.11	113	70	130
o-Xylene	20	0.0	21.96	110	70	130
Styrene	20	0.0	23.31	117	70	130
Bromoform	20	0.0	23.04	115	70	130
Isopropylbenzene	20	0.0	22.40	112	70	130
Bromobenzene	20	0.0	22.00	110	70	130
n-Propylbenzene	20	0.0	22.36	112	70	130
1,1,2,2-Tetrachloroethane	20	0.0	21.36	107	70	130
2-Chlorotoluene	20	0.0	22.41	112	70	130
1,3,5-Trimethylbenzene	20	0.0	22.86	114	70	130
1,2,3-Trichloropropane	20	0.0	20.64	103	70	130
trans-1,4-Dichloro-2-butene	100	0.0	136.0	136 *	70	130
4-Chlorotoluene	20	0.0	22.15	111	70	130

COMPOUND	SPIKE ADDED ug/L	LCSD CONCENTRATION ug/L	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	
1,3-Dichloropropane	20	21.83	109	0.0	30	70	130
1,2-Dibromoethane	20	22.00	110	0.9	30	70	130
2-Hexanone	20	20.27	101	2.0	30	70	130
Chlorobenzene	20	21.31	107	2.8	30	70	130
Ethylbenzene	20	22.10	110	1.8	30	70	130
1,1,1,2-Tetrachloroethane	20	22.52	113	0.9	30	70	130
m&p-Xylene	40	44.49	111	1.8	30	70	130
o-Xylene	20	21.65	108	1.8	30	70	130
Styrene	20	22.74	114	2.6	30	70	130
Bromoform	20	22.95	115	0.0	30	70	130
Isopropylbenzene	20	22.10	110	1.8	30	70	130
Bromobenzene	20	21.81	109	0.9	30	70	130
n-Propylbenzene	20	22.03	110	1.8	30	70	130
1,1,2,2-Tetrachloroethane	20	21.72	109	1.9	30	70	130
2-Chlorotoluene	20	22.20	111	0.9	30	70	130
1,3,5-Trimethylbenzene	20	22.62	113	0.9	30	70	130
1,2,3-Trichloropropane	20	21.15	106	2.9	30	70	130
trans-1,4-Dichloro-2-butene	100	135.3	135 *	0.7	30	70	130
4-Chlorotoluene	20	22.30	112	0.9	30	70	130

FORM III VOA

3C
WATER VOLATILE LCS SPIKE / LCS SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: PRECISIN-DEC

Lab Code: Phoenix Case No: SAS No: SDG No GCL19118

LCS Spike - Client Id: CL19557 LCS Level:(low/med) Med

COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	LCS CONCENTRATION ug/L	LCS % REC #	QC. LIMITS REC.	
tert-Butylbenzene	20	0.0	22.48	112	70	130
1,2,4-Trimethylbenzene	20	0.0	22.67	113	70	130
sec-Butylbenzene	20	0.0	23.09	115	70	130
p-Isopropyltoluene	20	0.0	23.09	115	70	130
1,3-Dichlorobenzene	20	0.0	22.15	111	70	130
1,4-Dichlorobenzene	20	0.0	21.37	107	70	130
2-Isopropyltoluene	20	0.0	22.29	111	70	130
n-Butylbenzene	20	0.0	23.80	119	70	130
1,2-Dichlorobenzene	20	0.0	21.43	107	70	130
1,2-Dibromo-3-Chloropropane	20	0.0	21.93	110	70	130
Hexachlorobutadiene	20	0.0	21.42	107	70	130
1,2,4-Trichlorobenzene	20	0.0	22.09	110	70	130
Naphthalene	20	0.0	21.01	105	70	130
1,2,3-Trichlorobenzene	20	0.0	21.34	107	70	130

COMPOUND	SPIKE ADDED ug/L	LCSD CONCENTRATION ug/L	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	
tert-Butylbenzene	20	22.12	111	0.9	30	70	130
1,2,4-Trimethylbenzene	20	22.43	112	0.9	30	70	130
sec-Butylbenzene	20	22.68	113	1.8	30	70	130
p-Isopropyltoluene	20	22.90	115	0.0	30	70	130
1,3-Dichlorobenzene	20	21.88	109	1.8	30	70	130
1,4-Dichlorobenzene	20	21.19	106	0.9	30	70	130
2-Isopropyltoluene	20	21.98	110	0.9	30	70	130
n-Butylbenzene	20	23.44	117	1.7	30	70	130
1,2-Dichlorobenzene	20	21.51	108	0.9	30	70	130
1,2-Dibromo-3-Chloropropane	20	22.10	110	0.0	30	70	130
Hexachlorobutadiene	20	20.97	105	1.9	30	70	130
1,2,4-Trichlorobenzene	20	22.20	111	0.9	30	70	130
Naphthalene	20	21.45	107	1.9	30	70	130
1,2,3-Trichlorobenzene	20	21.63	108	0.9	30	70	130

FORM III VOA

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Phoenix Environmental Labs Client: PRECISIN-DEC

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCL19118

Instrument ID: CHEM23 Calibration Date(s): 04/25/22 04/25/22

Heated Purge (Y/N): N Calibration Time(s): 17:24 19:06

GC Column: Method File: VOA23_042522.M

LAB FILE ID:

RRF 0.5	0425_32.D	RRF 5	0425_33.D	RRF 10	0425_34.D	RRF 20	0425_35.D
RRF 50	0425_36.D	RRF 100	0425_37.D				

COMPOUND		RRF 0.5	RRF 5	RRF 10	RRF 20	RRF 50	RRF 100			$\overline{RRF}$	% RSD	% RSD LIMITS
Dichlorodifluoromethane		0.361	0.417	0.439	0.410	0.425	0.403			0.409	6.5	35 ()
Chloromethane		0.590	0.616	0.641	0.605	0.612	0.580			0.607	3.5	35 ()
Vinyl Chloride		0.461	0.533	0.543	0.522	0.536	0.506			0.517	5.9	35 ()
Bromomethane		0.221	0.213	0.207	0.198	0.199	0.177			0.203	7.5	35 ()
Chloroethane		0.248	0.234	0.227	0.201	0.183	0.132			0.204	20.8	35 ()
Trichlorofluoromethane		0.499	0.546	0.553	0.520	0.509	0.434			0.510	8.4	35 ()
1,1-Dichloroethene		0.333	0.347	0.359	0.335	0.337	0.311			0.337	4.7	35 ()
Trichlorotrifluoroethane		0.254	0.265	0.275	0.257	0.260	0.243			0.259	4.2	35 ()
Carbon Disulfide		1.191	1.115	1.130	1.056	1.043	0.969			1.084	7.2	35 ()
Acrolein		0.051	0.055	0.058	0.058	0.059	0.059			0.056	5.5	35 ()
Methylene Chloride		0.554	0.412	0.398	0.377	0.378	0.362			0.414	17.2	35 ()
Acetone			0.097	0.101	0.087	0.087	0.084			0.091	8.3	35 ()
Trans-1,2-Dichloroethene		0.398	0.390	0.389	0.369	0.369	0.348			0.377	5.0	35 ()
Methyl t-Butyl Ether (MTBE)		0.734	0.877	0.915	0.884	0.900	0.858			0.861	7.6	35 ()
1,1-Dichloroethane		0.665	0.729	0.737	0.692	0.697	0.658			0.696	4.6	35 ()
Acrylonitrile		0.144	0.125	0.128	0.121	0.122	0.122			0.127	7.0	35 ()
Cis-1,2-Dichloroethene		0.384	0.413	0.439	0.393	0.408	0.386			0.404	5.1	35 ()
2,2-Dichloropropane		0.519	0.528	0.546	0.497	0.510	0.482			0.514	4.5	35 ()
Bromochloromethane		0.190	0.195	0.201	0.194	0.197	0.194			0.195	1.9	35 ()
Chloroform		0.711	0.744	0.768	0.722	0.727	0.690			0.727	3.7	35 ()
Carbon Tetrachloride		0.493	0.513	0.528	0.505	0.524	0.586			0.525	6.2	35 ()
Tetrahydrofuran (THF)		0.105	0.102	0.105	0.105	0.107	0.108			0.105	2.2	35 ()
1,1,1-Trichloroethane		0.572	0.636	0.661	0.622	0.633	0.601			0.621	5.0	35 ()
Methyl Ethyl Ketone			0.141	0.155	0.153	0.159	0.163			0.154	5.5	35 ()
1,1-Dichloropropene		0.281	0.314	0.321	0.306	0.313	0.298			0.306	4.7	35 ()
Benzene		0.791	0.869	0.884	0.841	0.849	0.790			0.837	4.7	35 ()
1,2-Dichloroethane		0.277	0.315	0.315	0.298	0.300	0.288			0.299	5.0	35 ()
Trichloroethene		0.233	0.231	0.238	0.225	0.235	0.225			0.231	2.4	35 ()
Dibromomethane		0.127	0.135	0.137	0.134	0.137	0.134			0.134	2.9	35 ()
1,2-dichloropropane		0.226	0.236	0.242	0.234	0.243	0.238			0.236	2.6	35 ()
Bromodichloromethane		0.253	0.290	0.296	0.288	0.296	0.286			0.285	5.7	35 ()
cis-1,3-Dichloropropene		0.287	0.342	0.350	0.344	0.358	0.349			0.338	7.7	35 ()
Toluene		0.475	0.519	0.521	0.499	0.511	0.491			0.503	3.6	35 ()
4-Methyl-2-Pentanone			0.175	0.184	0.185	0.193	0.196			0.187	4.4	35 ()
Tetrachloroethene		0.152	0.161	0.164	0.158	0.162	0.159			0.159	2.6	35 ()
trans-1,3-Dichloropropene		0.268	0.301	0.314	0.303	0.323	0.315			0.304	6.4	35 ()
1,1,2-Trichloroethane		0.158	0.182	0.185	0.181	0.187	0.182			0.179	5.9	35 ()
Dibromochloromethane		0.169	0.219	0.230	0.224	0.241	0.240			0.220	12.1	35 ()
1,3-Dichloropropane		0.297	0.346	0.360	0.349	0.358	0.349			0.343	6.7	35 ()
1,2-Dibromoethane		0.168	0.208	0.218	0.212	0.221	0.216			0.207	9.5	35 ()
2-Hexanone			0.128	0.146	0.144	0.149	0.151			0.144	6.3	35 ()
Chlorobenzene		0.575	0.654	0.660	0.627	0.641	0.609			0.628	5.1	35 ()
Ethylbenzene		0.298	0.331	0.339	0.323	0.336	0.327			0.326	4.5	35 ()
1,1,1,2-Tetrachloroethane		0.163	0.206	0.215	0.210	0.220	0.217			0.205	10.5	35 ()
m&p-Xylene		0.336	0.402	0.417	0.390	0.404	0.383			0.389	7.3	35 ()
o-Xylene		0.317	0.387	0.403	0.383	0.404	0.397			0.382	8.6	35 ()
Styrene		0.469	0.615	0.649	0.622	0.648	0.620			0.604	11.2	35 ()
Bromoform		0.090	0.115	0.127	0.124	0.135	0.139			0.122	14.5	35 ()

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) %

%D: 0% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %

(l) linear (li) linear inverse conc weight (li2) linear inverse conc weight squared (q) quadratic (qi) quadratic inverse conc weight (qi2) quadratic inverse conc weight squared

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

FORM VI VOA

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Phoenix Environmental Labs Client: PRECISIN-DEC

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCL19118

Instrument ID: CHEM23 Calibration Date(s): 04/25/22 04/25/22

Heated Purge (Y/N): N Calibration Time(s): 17:24 19:06

GC Column: Method File: VOA23_042522.M

LAB FILE ID:

RRF 0.5	0425_32.D	RRF 5	0425_33.D	RRF 10	0425_34.D	RRF 20	0425_35.D
RRF 50	0425_36.D	RRF 100	0425_37.D				

COMPOUND		RRF 0.5	RRF 5	RRF 10	RRF 20	RRF 50	RRF 100			$\overline{RRF}$	% RSD	% RSD LIMITS
Isopropylbenzene		0.456	0.558	0.583	0.551	0.581	0.569			0.550	8.7	35 ()
Bromobenzene		0.459	0.518	0.527	0.502	0.521	0.510			0.506	4.9	35 ()
n-Propylbenzene		0.524	0.569	0.600	0.566	0.594	0.582			0.572	4.8	35 ()
1,1,2,2-Tetrachloroethane		0.432	0.522	0.533	0.523	0.541	0.534			0.514	7.9	35 ()
2-Chlorotoluene		0.436	0.484	0.501	0.476	0.499	0.485			0.480	5.0	35 ()
1,3,5-Trimethylbenzene		1.361	1.622	1.687	1.586	1.639	1.552			1.574	7.3	35 ()
1,2,3-Trichloropropane		0.370	0.426	0.439	0.415	0.432	0.425			0.418	5.9	35 ()
trans-1,4-Dichloro-2-butene		0.121	0.156	0.170	0.170	0.186	0.189			0.165	15.0	35 ()
4-Chlorotoluene		0.439	0.503	0.515	0.492	0.512	0.499			0.493	5.7	35 ()
tert-Butylbenzene		1.269	1.427	1.505	1.415	1.466	1.401			1.414	5.7	35 ()
1,2,4-Trimethylbenzene		1.324	1.633	1.700	1.586	1.634	1.544			1.570	8.4	35 ()
sec-Butylbenzene		1.768	2.076	2.165	2.002	2.052	1.923			1.998	6.9	35 ()
p-Isopropyltoluene		1.465	1.772	1.866	1.762	1.830	1.729			1.738	8.2	35 ()
1,3-Dichlorobenzene		0.793	0.935	0.948	0.888	0.911	0.887			0.894	6.1	35 ()
1,4-Dichlorobenzene		0.939	0.958	0.971	0.906	0.947	0.903			0.937	3.0	35 ()
2-Isopropyltoluene		1.496	1.714	1.799	1.695	1.760	1.670			1.689	6.2	35 ()
n-Butylbenzene		1.252	1.556	1.614	1.536	1.595	1.506			1.510	8.8	35 ()
1,2-Dichlorobenzene		0.846	0.903	0.918	0.862	0.897	0.860			0.881	3.2	35 ()
1,2-Dibromo-3-Chloropropane		0.050	0.063	0.069	0.071	0.076	0.079			0.068	15.3	35 ()
Hexachlorobutadiene		0.255	0.196	0.200	0.185	0.195	0.190			0.203	12.8	35 ()
1,2,4-Trichlorobenzene		0.435	0.500	0.525	0.504	0.529	0.522			0.503	7.0	35 ()
Naphthalene		1.085	1.192	1.319	1.298	1.341	1.308			1.257	7.9	35 ()
1,2,3-Trichlorobenzene		0.426	0.442	0.467	0.453	0.473	0.466			0.455	4.0	35 ()
% Dibromofluoromethane		0.093	0.092	0.092	0.094	0.092	0.093			0.093	1.0	35 ()
% Toluene-d8		1.157	1.154	1.143	1.157	1.151	1.144			1.151	0.6	35 ()
% Bromofluorobenzene		0.484	0.496	0.494	0.493	0.495	0.496			0.493	0.9	35 ()
% 1,2-dichlorobenzene-d4		0.920	0.916	0.910	0.919	0.926	0.938			0.921	1.0	35 ()

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) %

%D: 0% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %

(l) linear (li) linear inverse conc weight (li2) linear inverse conc weight squared (q) quadratic (qi) quadratic inverse conc weight (qi2) quadratic inverse conc weight squared

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

FORM VI VOA

6B
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Phoenix Environmental Labs Client: PRECISIN-DEC

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCL19118

Instrument ID: CHEM23 Calibration Date(s): 05/05/22 05/05/22

Heated Purge (Y/N): N Calibration Time(s): 07:24 09:06

GC Column: RTX-VMS Method File: VOA23_050522.M

LAB FILE ID:

RRF 0.5	0505_04.D	RRF 5	0505_05.D	RRF 10	0505_06.D	RRF 20	0505_07.D
RRF 50	0505_08.D	RRF 100	0505_09.D				

COMPOUND		RRF 0.5	RRF 5	RRF 10	RRF 20	RRF 50	RRF 100			$\overline{RRF}$	% RSD	% RSD LIMITS
Dichlorodifluoromethane		0.475	0.441	0.457	0.457	0.445	0.441			0.453	2.9	35 ()
Chloromethane		0.703	0.589	0.580	0.588	0.590	0.566			0.603	8.3	35 ()
Vinyl Chloride		0.555	0.508	0.505	0.520	0.515	0.502			0.517	3.8	35 ()
Bromomethane		0.121	0.105	0.114	0.124	0.125	0.116			0.118	6.3	35 ()
Chloroethane		0.208	0.172	0.160	0.157	0.139	0.108			0.157	21.1	35 ()
Trichlorofluoromethane		0.466	0.479	0.484	0.489	0.458	0.416			0.466	5.7	35 ()
1,1-Dichloroethene		0.355	0.277	0.279	0.280	0.277	0.265			0.289	11.3	35 ()
Trichlorotrifluoroethane		0.228	0.217	0.223	0.232	0.223	0.218			0.223	2.5	35 ()
Carbon Disulfide		1.121	0.874	0.908	0.929	0.902	0.857			0.932	10.3	35 ()
Acrolein		0.048	0.043	0.045	0.046	0.045	0.043			0.045	4.4	35 ()
Methylene Chloride		0.421	0.319	0.307	0.315	0.306	0.296			0.327	14.2	35 ()
Acetone			0.071	0.066	0.068	0.063	0.060			0.066	6.3	35 ()
Trans-1,2-Dichloroethene		0.367	0.302	0.300	0.307	0.302	0.286			0.311	9.2	35 ()
Methyl t-Butyl Ether (MTBE)		0.879	0.802	0.828	0.862	0.820	0.777			0.828	4.5	35 ()
1,1-Dichloroethane		0.832	0.806	0.802	0.813	0.786	0.743			0.797	3.8	35 ()
Acrylonitrile		0.187	0.145	0.144	0.146	0.137	0.132			0.149	13.3	35 ()
Cis-1,2-Dichloroethene		0.485	0.437	0.417	0.435	0.417	0.399			0.432	6.9	35 ()
2,2-Dichloropropane		0.623	0.605	0.608	0.600	0.586	0.555			0.596	3.9	35 ()
Bromochloromethane		0.200	0.195	0.193	0.197	0.193	0.183			0.194	3.1	35 ()
Chloroform		0.769	0.731	0.703	0.740	0.704	0.665			0.719	5.0	35 ()
Carbon Tetrachloride		0.577	0.474	0.491	0.499	0.497	0.490			0.505	7.2	35 ()
Tetrahydrofuran (THF)		0.123	0.100	0.101	0.100	0.095	0.087			0.101	12.0	35 ()
1,1,1-Trichloroethane		0.627	0.621	0.618	0.630	0.606	0.584			0.614	2.8	35 ()
Methyl Ethyl Ketone			0.136	0.146	0.150	0.143	0.133			0.142	5.1	35 ()
1,1-Dichloropropene		0.340	0.328	0.335	0.339	0.327	0.317			0.331	2.7	35 ()
Benzene		1.057	0.963	0.958	0.969	0.926	0.870			0.957	6.4	35 ()
1,2-Dichloroethane		0.303	0.305	0.309	0.313	0.300	0.285			0.303	3.2	35 ()
Trichloroethene		0.249	0.239	0.241	0.242	0.236	0.227			0.239	3.1	35 ()
Dibromomethane		0.148	0.141	0.141	0.144	0.139	0.135			0.141	2.9	35 ()
1,2-dichloropropane		0.281	0.263	0.262	0.273	0.266	0.253			0.266	3.5	35 ()
Bromodichloromethane		0.299	0.287	0.291	0.306	0.301	0.291			0.296	2.5	35 ()
cis-1,3-Dichloropropene		0.401	0.385	0.389	0.407	0.402	0.384			0.394	2.5	35 ()
Toluene		0.670	0.574	0.577	0.586	0.568	0.534			0.585	7.8	35 ()
4-Methyl-2-Pentanone			0.181	0.183	0.190	0.182	0.169			0.181	4.1	35 ()
Tetrachloroethene		0.174	0.173	0.172	0.177	0.173	0.168			0.173	1.7	35 ()
trans-1,3-Dichloropropene		0.347	0.338	0.340	0.356	0.348	0.332			0.344	2.5	35 ()
1,1,2-Trichloroethane		0.184	0.189	0.198	0.202	0.197	0.187			0.193	3.7	35 ()
Dibromochloromethane		0.201	0.222	0.229	0.242	0.250	0.243			0.231	7.8	35 ()
1,3-Dichloropropane		0.375	0.386	0.389	0.397	0.390	0.363			0.383	3.2	35 ()
1,2-Dibromoethane		0.225	0.230	0.232	0.235	0.232	0.220			0.229	2.5	35 ()
2-Hexanone			0.142	0.151	0.151	0.145	0.137			0.145	4.1	35 ()
Chlorobenzene		0.739	0.711	0.694	0.706	0.682	0.631			0.694	5.2	35 ()
Ethylbenzene		0.404	0.385	0.379	0.378	0.369	0.345			0.377	5.1	35 ()
1,1,1,2-Tetrachloroethane		0.200	0.223	0.224	0.234	0.231	0.226			0.223	5.4	35 ()
m&p-Xylene		0.511	0.472	0.460	0.459	0.439	0.397			0.456	8.2	35 ()
o-Xylene		0.494	0.456	0.452	0.462	0.451	0.427			0.457	4.7	35 ()
Styrene		0.731	0.740	0.742	0.756	0.727	0.677			0.729	3.8	35 ()
Bromoform		0.113	0.122	0.130	0.138	0.144	0.144			0.132	9.6	35 ()

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) %

%D: 0% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %

(l) linear (li) linear inverse conc weight (li2) linear inverse conc weight squared (q) quadratic (qi) quadratic inverse conc weight (qi2) quadratic inverse conc weight squared

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

FORM VI VOA

6C
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Phoenix Environmental Labs Client: PRECISIN-DEC

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCL19118

Instrument ID: CHEM23 Calibration Date(s): 05/05/22 05/05/22

Heated Purge (Y/N): N Calibration Time(s): 07:24 09:06

GC Column: RTX-VMS Method File: VOA23_050522.M

LAB FILE ID:

RRF 0.5	0505_04.D	RRF 5	0505_05.D	RRF 10	0505_06.D	RRF 20	0505_07.D
RRF 50	0505_08.D	RRF 100	0505_09.D				

COMPOUND		RRF 0.5	RRF 5	RRF 10	RRF 20	RRF 50	RRF 100			$\overline{RRF}$	% RSD	% RSD LIMITS
Isopropylbenzene		0.612	0.621	0.624	0.630	0.618	0.591			0.616	2.2	35 ()
Bromobenzene		0.586	0.560	0.560	0.576	0.562	0.537			0.564	3.0	35 ()
n-Propylbenzene		0.639	0.644	0.634	0.655	0.638	0.604			0.636	2.7	35 ()
1,1,2,2-Tetrachloroethane		0.620	0.565	0.586	0.590	0.567	0.539			0.578	4.8	35 ()
2-Chlorotoluene		0.540	0.542	0.525	0.539	0.527	0.504			0.530	2.7	35 ()
1,3,5-Trimethylbenzene		1.850	1.897	1.893	1.946	1.869	1.723			1.863	4.1	35 ()
1,2,3-Trichloropropane		0.476	0.487	0.483	0.484	0.461	0.424			0.469	5.1	35 ()
trans-1,4-Dichloro-2-butene		0.210	0.217	0.228	0.237	0.232	0.211			0.223	5.1	35 ()
4-Chlorotoluene		0.591	0.552	0.549	0.559	0.541	0.515			0.551	4.5	35 ()
tert-Butylbenzene		1.612	1.610	1.626	1.657	1.600	1.494			1.600	3.5	35 ()
1,2,4-Trimethylbenzene		2.123	1.956	1.922	1.965	1.899	1.755			1.937	6.1	35 ()
sec-Butylbenzene		2.482	2.419	2.418	2.473	2.358	2.169			2.387	4.8	35 ()
p-Isopropyltoluene		1.994	2.013	2.021	2.074	1.996	1.858			1.993	3.6	35 ()
1,3-Dichlorobenzene		1.087	1.011	1.022	1.041	1.009	0.961			1.022	4.1	35 ()
1,4-Dichlorobenzene		1.116	1.052	1.029	1.055	1.014	0.963			1.038	4.9	35 ()
2-Isopropyltoluene		1.976	1.951	1.955	2.006	1.943	1.797			1.938	3.8	35 ()
n-Butylbenzene		1.771	1.775	1.774	1.837	1.770	1.670			1.766	3.1	35 ()
1,2-Dichlorobenzene		1.072	0.963	0.965	0.995	0.961	0.915			0.978	5.4	35 ()
1,2-Dibromo-3-Chloropropane		0.054	0.074	0.079	0.083	0.085	0.082			0.076	15.1	35 ()
Hexachlorobutadiene		0.368	0.223	0.220	0.243	0.231	0.227			0.252	22.7	35 ()
1,2,4-Trichlorobenzene		0.624	0.584	0.598	0.615	0.602	0.573			0.599	3.2	35 ()
Naphthalene		1.488	1.381	1.438	1.467	1.425	1.312			1.419	4.5	35 ()
1,2,3-Trichlorobenzene		0.542	0.507	0.531	0.543	0.526	0.502			0.525	3.3	35 ()
% Dibromofluoromethane		0.091	0.093	0.090	0.092	0.092	0.092			0.092	0.9	35 ()
% Toluene-d8		1.165	1.159	1.161	1.181	1.177	1.185			1.171	1.0	35 ()
% Bromofluorobenzene		0.488	0.498	0.497	0.498	0.501	0.506			0.498	1.2	35 ()
% 1,2-dichlorobenzene-d4		0.910	0.914	0.913	0.923	0.918	0.908			0.914	0.6	35 ()

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) %

%D: 0% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %

(l) linear (li) linear inverse conc weight (li2) linear inverse conc weight squared (q) quadratic (qi) quadratic inverse conc weight (qi2) quadratic inverse conc weight squared

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

FORM VI VOA

7A
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: PRECISIN-DEC

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCL19118

Instrument: CHEM23 Calibration Date: 05/01/22 Time: 13:03

Lab File Id: 0501_02.D Init. Calib. Date(s): 04/25/22 04/25/22

Heated Purge (Y/N): N Init. Calib. Times: 17:24 19:06

GC Column: RTX-VMS Method File: VOA23_042522.M

COMPOUND		RRF	RRF50		RRF MIN	%D		% D LIMITS
Pentafluorobenzene	(IS Area/Area%)	503312	467316		n.a.	92.8		50-200
1,4-Difluorobenzene	(IS Area/Area%)	871217	808997		n.a.	92.9		50-200
Chlorobenzene-d5	(IS Area/Area%)	780138	743817		n.a.	95.3		50-200
1,4-Dichlorobenzene-d4	(IS Area/Area%)	373812	360031		n.a.	96.3		50-200
1,4-Dioxane d8	(IS Area/Area%)	25584	24564		n.a.	96.0		n.a.
Dichlorodifluoromethane		0.409	0.439		0.100	-7.3		20 (60)
Chloromethane		0.607	0.638		0.100	-5.1		20 (60)
Vinyl Chloride		0.517	0.560		0.100	-8.3		20 (40)
Bromomethane		0.203	0.156		0.100	23.2	+	20 (60)
Chloroethane		0.204	0.216		0.100	-5.9		20 (40)
Trichlorofluoromethane		0.510	0.544		0.100	-6.7		20 (40)
1,1-Dichloroethene		0.337	0.333		0.100	1.2		20 (40)
Trichlorotrifluoroethane		0.259	0.252		0.050	2.7		20 (40)
Carbon Disulfide		1.084	1.062		0.100	2.0		20 (40)
Acrolein		0.056	0.047	*	0.050	16.1		20 (40)
Methylene Chloride		0.414	0.361		0.100	12.8		20 (40)
Acetone		0.091	0.077	*	0.100	15.4		20 (60)
Trans-1,2-Dichloroethene		0.377	0.356		0.100	5.6		20 (40)
Methyl t-Butyl Ether (MTBE)		0.861	0.836		0.100	2.9		20 (40)
1,1-Dichloroethane		0.696	0.858		0.200	-23.3	+	20 (40)
Acrylonitrile		0.127	0.132		0.050	-3.9		20 (40)
Cis-1,2-Dichloroethene		0.404	0.459		0.100	-13.6		20 (40)
2,2-Dichloropropane		0.514	0.648		0.050	-26.1	+	20 (40)
Bromochloromethane		0.195	0.207		0.050	-6.2		20 (40)
Chloroform		0.727	0.797		0.200	-9.6		20 (40)
Carbon Tetrachloride		0.525	0.552		0.100	-5.1		20 (40)
Tetrahydrofuran (THF)		0.105	0.105		0.050	0.0		20 (40)
1,1,1-Trichloroethane		0.621	0.694		0.100	-11.8		20 (40)
Methyl Ethyl Ketone		0.154	0.153		0.100	0.6		20 (60)
1,1-Dichloropropene		0.306	0.343		0.050	-12.1		20 (40)
Benzene		0.837	0.948		0.500	-13.3		20 (40)
1,2-Dichloroethane		0.299	0.322		0.100	-7.7		20 (40)
Trichloroethene		0.231	0.254		0.200	-10.0		20 (40)
Dibromomethane		0.134	0.141		0.050	-5.2		20 (40)
1,2-dichloropropane		0.236	0.261		0.100	-10.6		20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wg^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

7B
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: PRECISIN-DEC

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCL19118

Instrument: CHEM23 Calibration Date: 05/01/22 Time: 13:03

Lab File Id: 0501_02.D Init. Calib. Date(s): 04/25/22 04/25/22

Heated Purge (Y/N): N Init. Calib. Times: 17:24 19:06

GC Column: RTX-VMS Method File: VOA23_042522.M

COMPOUND	RRF	RRF50	RRF MIN		%D	% D LIMITS
Bromodichloromethane	0.285	0.322	0.200		-13.0	20 (40)
cis-1,3-Dichloropropene	0.338	0.394	0.200		-16.6	20 (40)
Toluene	0.503	0.568	0.400		-12.9	20 (40)
4-Methyl-2-Pentanone	0.187	0.185	0.100		1.1	20 (60)
Tetrachloroethene	0.159	0.175	0.200	*	-10.1	20 (40)
trans-1,3-Dichloropropene	0.304	0.347	0.100		-14.1	20 (40)
1,1,2-Trichloroethane	0.179	0.194	0.100		-8.4	20 (40)
Dibromochloromethane	0.220	0.241	0.100		-9.5	20 (40)
1,3-Dichloropropane	0.343	0.369	0.050		-7.6	20 (40)
1,2-Dibromoethane	0.207	0.218	0.100		-5.3	20 (40)
2-Hexanone	0.144	0.141	0.100		2.1	20 (60)
Chlorobenzene	0.628	0.678	0.500		-8.0	20 (40)
Ethylbenzene	0.326	0.352	0.100		-8.0	20 (40)
1,1,1,2-Tetrachloroethane	0.205	0.229	0.050		-11.7	20 (40)
m&p-Xylene	0.389	0.432	0.100		-11.1	20 (40)
o-Xylene	0.382	0.420	0.300		-9.9	20 (40)
Styrene	0.604	0.679	0.300		-12.4	20 (40)
Bromoform	0.122	0.137	0.100		-12.3	20 (40)
Isopropylbenzene	0.550	0.599	0.100		-8.9	20 (40)
Bromobenzene	0.506	0.537	0.050		-6.1	20 (40)
n-Propylbenzene	0.572	0.622	0.050		-8.7	20 (40)
1,1,2,2-Tetrachloroethane	0.514	0.531	0.300		-3.3	20 (40)
2-Chlorotoluene	0.480	0.523	0.050		-9.0	20 (40)
1,3,5-Trimethylbenzene	1.574	1.742	0.050		-10.7	20 (40)
1,2,3-Trichloropropane	0.418	0.410	0.050		1.9	20 (40)
trans-1,4-Dichloro-2-butene	0.165	0.214	0.050		-29.7	+ 20 (40)
4-Chlorotoluene	0.493	0.536	0.050		-8.7	20 (40)
tert-Butylbenzene	1.414	1.532	0.050		-8.3	20 (40)
1,2,4-Trimethylbenzene	1.570	1.737	0.050		-10.6	20 (40)
sec-Butylbenzene	1.998	2.204	0.050		-10.3	20 (40)
p-Isopropyltoluene	1.738	1.909	0.050		-9.8	20 (40)
1,3-Dichlorobenzene	0.894	0.980	0.600		-9.6	20 (40)
1,4-Dichlorobenzene	0.937	0.995	0.500		-6.2	20 (40)
2-Isopropyltoluene	1.689	1.837	0.050		-8.8	20 (40)
n-Butylbenzene	1.510	1.698	0.050		-12.5	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wg^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

7B
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: PRECISIN-DEC

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCL19118

Instrument: CHEM23 Calibration Date: 05/01/22 Time: 13:03

Lab File Id: 0501_02.D Init. Calib. Date(s): 04/25/22 04/25/22

Heated Purge (Y/N): N Init. Calib. Times: 17:24 19:06

GC Column: RTX-VMS Method File: VOA23_042522.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
1,2-Dichlorobenzene	0.881	0.925	0.400	-5.0	20 (40)
1,2-Dibromo-3-Chloropropane	0.068	0.066	0.050	2.9	20 (40)
Hexachlorobutadiene	0.203	0.207	0.050	-2.0	20 (40)
1,2,4-Trichlorobenzene	0.503	0.519	0.200	-3.2	20 (40)
Naphthalene	1.257	1.198	0.050	4.7	20 (40)
1,2,3-Trichlorobenzene	0.455	0.448	0.050	1.5	20 (40)
% Dibromofluoromethane	0.093	0.092	0.050	1.1	20 (40)
% Toluene-d8	1.151	1.173	0.050	-1.9	20 (40)
% Bromofluorobenzene	0.493	0.502	0.050	-1.8	20 (40)
% 1,2-dichlorobenzene-d4	0.921	0.924	0.050	-0.3	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wg^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

7A
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: PRECISIN-DEC

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCL19118

Instrument: CHEM23 Calibration Date: 05/02/22 Time: 07:25

Lab File Id: 0502_03.D Init. Calib. Date(s): 04/25/22 04/25/22

Heated Purge (Y/N): N Init. Calib. Times: 17:24 19:06

GC Column: RTX-VMS Method File: VOA23_042522.M

COMPOUND		RRF	RRF50	RRF MIN	%D	% D LIMITS
Pentafluorobenzene	(IS Area/Area%)	503312	505024	n.a.	100.3	50-200
1,4-Difluorobenzene	(IS Area/Area%)	871217	867061	n.a.	99.5	50-200
Chlorobenzene-d5	(IS Area/Area%)	780138	757075	n.a.	97.0	50-200
1,4-Dichlorobenzene-d4	(IS Area/Area%)	373812	352308	n.a.	94.2	50-200
1,4-Dioxane d8	(IS Area/Area%)	25584	22698	n.a.	88.7	n.a.
Dichlorodifluoromethane		0.409	0.399	0.100	2.4	20 (60)
Chloromethane		0.607	0.576	0.100	5.1	20 (60)
Vinyl Chloride		0.517	0.510	0.100	1.4	20 (40)
Bromomethane		0.203	0.140	0.100	31.0 +	20 (60)
Chloroethane		0.204	0.188	0.100	7.8	20 (40)
Trichlorofluoromethane		0.510	0.516	0.100	-1.2	20 (40)
1,1-Dichloroethene		0.337	0.299	0.100	11.3	20 (40)
Trichlorotrifluoroethane		0.259	0.239	0.050	7.7	20 (40)
Carbon Disulfide		1.084	0.952	0.100	12.2	20 (40)
Acrolein		0.056	0.048	* 0.050	14.3	20 (40)
Methylene Chloride		0.414	0.328	0.100	20.8 +	20 (40)
Acetone		0.091	0.076	* 0.100	16.5	20 (60)
Trans-1,2-Dichloroethene		0.377	0.324	0.100	14.1	20 (40)
Methyl t-Butyl Ether (MTBE)		0.861	0.789	0.100	8.4	20 (40)
1,1-Dichloroethane		0.696	0.775	0.200	-11.4	20 (40)
Acrylonitrile		0.127	0.128	0.050	-0.8	20 (40)
Cis-1,2-Dichloroethene		0.404	0.421	0.100	-4.2	20 (40)
2,2-Dichloropropane		0.514	0.586	0.050	-14.0	20 (40)
Bromochloromethane		0.195	0.197	0.050	-1.0	20 (40)
Chloroform		0.727	0.741	0.200	-1.9	20 (40)
Carbon Tetrachloride		0.525	0.529	0.100	-0.8	20 (40)
Tetrahydrofuran (THF)		0.105	0.104	0.050	1.0	20 (40)
1,1,1-Trichloroethane		0.621	0.643	0.100	-3.5	20 (40)
Methyl Ethyl Ketone		0.154	0.158	0.100	-2.6	20 (60)
1,1-Dichloropropene		0.306	0.319	0.050	-4.2	20 (40)
Benzene		0.837	0.884	0.500	-5.6	20 (40)
1,2-Dichloroethane		0.299	0.306	0.100	-2.3	20 (40)
Trichloroethene		0.231	0.236	0.200	-2.2	20 (40)
Dibromomethane		0.134	0.137	0.050	-2.2	20 (40)
1,2-dichloropropane		0.236	0.244	0.100	-3.4	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wg^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

7B
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: PRECISIN-DEC

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCL19118

Instrument: CHEM23 Calibration Date: 05/02/22 Time: 07:25

Lab File Id: 0502_03.D Init. Calib. Date(s): 04/25/22 04/25/22

Heated Purge (Y/N): N Init. Calib. Times: 17:24 19:06

GC Column: RTX-VMS Method File: VOA23_042522.M

COMPOUND	RRF	RRF50	RRF MIN		%D	% D LIMITS
Bromodichloromethane	0.285	0.300	0.200		-5.3	20 (40)
cis-1,3-Dichloropropene	0.338	0.367	0.200		-8.6	20 (40)
Toluene	0.503	0.525	0.400		-4.4	20 (40)
4-Methyl-2-Pentanone	0.187	0.184	0.100		1.6	20 (60)
Tetrachloroethene	0.159	0.165	* 0.200		-3.8	20 (40)
trans-1,3-Dichloropropene	0.304	0.329	0.100		-8.2	20 (40)
1,1,2-Trichloroethane	0.179	0.189	0.100		-5.6	20 (40)
Dibromochloromethane	0.220	0.240	0.100		-9.1	20 (40)
1,3-Dichloropropane	0.343	0.375	0.050		-9.3	20 (40)
1,2-Dibromoethane	0.207	0.222	0.100		-7.2	20 (40)
2-Hexanone	0.144	0.145	0.100		-0.7	20 (60)
Chlorobenzene	0.628	0.672	0.500		-7.0	20 (40)
Ethylbenzene	0.326	0.346	0.100		-6.1	20 (40)
1,1,1,2-Tetrachloroethane	0.205	0.227	0.050		-10.7	20 (40)
m&p-Xylene	0.389	0.421	0.100		-8.2	20 (40)
o-Xylene	0.382	0.410	0.300		-7.3	20 (40)
Styrene	0.604	0.667	0.300		-10.4	20 (40)
Bromoform	0.122	0.137	0.100		-12.3	20 (40)
Isopropylbenzene	0.550	0.610	0.100		-10.9	20 (40)
Bromobenzene	0.506	0.547	0.050		-8.1	20 (40)
n-Propylbenzene	0.572	0.624	0.050		-9.1	20 (40)
1,1,2,2-Tetrachloroethane	0.514	0.563	0.300		-9.5	20 (40)
2-Chlorotoluene	0.480	0.524	0.050		-9.2	20 (40)
1,3,5-Trimethylbenzene	1.574	1.784	0.050		-13.3	20 (40)
1,2,3-Trichloropropane	0.418	0.442	0.050		-5.7	20 (40)
trans-1,4-Dichloro-2-butene	0.165	0.226	0.050		-37.0	+ 20 (40)
4-Chlorotoluene	0.493	0.545	0.050		-10.5	20 (40)
tert-Butylbenzene	1.414	1.557	0.050		-10.1	20 (40)
1,2,4-Trimethylbenzene	1.570	1.781	0.050		-13.4	20 (40)
sec-Butylbenzene	1.998	2.260	0.050		-13.1	20 (40)
p-Isopropyltoluene	1.738	1.956	0.050		-12.5	20 (40)
1,3-Dichlorobenzene	0.894	0.988	0.600		-10.5	20 (40)
1,4-Dichlorobenzene	0.937	1.015	0.500		-8.3	20 (40)
2-Isopropyltoluene	1.689	1.893	0.050		-12.1	20 (40)
n-Butylbenzene	1.510	1.732	0.050		-14.7	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wg^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

7B
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: PRECISIN-DEC

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCL19118

Instrument: CHEM23 Calibration Date: 05/02/22 Time: 07:25

Lab File Id: 0502_03.D Init. Calib. Date(s): 04/25/22 04/25/22

Heated Purge (Y/N): N Init. Calib. Times: 17:24 19:06

GC Column: RTX-VMS Method File: VOA23_042522.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
1,2-Dichlorobenzene	0.881	0.959	0.400	-8.9	20 (40)
1,2-Dibromo-3-Chloropropane	0.068	0.074	0.050	-8.8	20 (40)
Hexachlorobutadiene	0.203	0.213	0.050	-4.9	20 (40)
1,2,4-Trichlorobenzene	0.503	0.550	0.200	-9.3	20 (40)
Naphthalene	1.257	1.331	0.050	-5.9	20 (40)
1,2,3-Trichlorobenzene	0.455	0.488	0.050	-7.3	20 (40)
% Dibromofluoromethane	0.093	0.092	0.050	1.1	20 (40)
% Toluene-d8	1.151	1.156	0.050	-0.4	20 (40)
% Bromofluorobenzene	0.493	0.499	0.050	-1.2	20 (40)
% 1,2-dichlorobenzene-d4	0.921	0.914	0.050	0.8	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wg^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

Field Duplicate Calculation Section

Volatiles

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. GCL19118

S1= MW-09 **S2=** DUP A

Analyte	S1	S2	RPD (%)	
cis-1,2-Dichloroethene	290	290	0%	
Tetrachloroethene	490	660	30%	*
trans-1,2-Dichloroethene	**2.8**	**2.8**	NC	
Trichloroethene	67	69	3%	

* RPD is above the allowable maximum waters 20%.

Results are in units of ug/L.

Bold numbers were values that are below the CRQL or above the high standard.
ND - Not detected.
NC - Not calculated, both results must be within the linear range for valid RPDs to be calculated.

Alpha Geoscience: Acronyms and Definitions

Data Validation Acronyms

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene
CCB	Continuing calibration blank
CCC	Calibration check compound
CCV	Continuing calibration verification
CN	Cyanide
CRDL	Contract required detection limit
CRQL	Contract required quantitation limit
CVAA	Atomic adsorption, cold vapor technique
DCAA	2,4-Dichlophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine
ECD	Electron capture detector
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GPC	Gel permeation chromatography
ICB	Initial calibration blank
ICP	Inductively coupled plasma-atomic emission spectrometer
ICV	Initial calibration verification
IDL	Instrument detection limit
IS	Internal standard
LCS	Laboratory control sample
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate
MSA	Method of standard additions
MS/MSD	Matrix spike/matrix spike duplicate
PID	Photo ionization detector
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
QA	Quality assurance
QC	Quality control
RF	Response factor
RPD	Relative percent difference
RRF	Relative response factor
RRF(number)	Relative response factor at concentration of the number following
RT	Retention time
RRT	Relative retention time
SDG	Sample delivery group
SPCC	System performance check compound
TCX	Tetrachloro-m-xylene
%D	Percent difference
%R	Percent recovery
%RSD	Percent relative standard deviation

Data Validation Qualifiers Used in the QA/QC Reviews for USEPA Region II

U	=	Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
R	=	Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
N	=	Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
J	=	Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
J-	=	Analyte is present. Reported value may be biased low and associated with a higher level of uncertainty than is normally expected with the analytical method.
J+	=	Analyte is present. Reported value may be biased high andassociated with a higher level of uncertainty than is normally expected with the analytical method.
UJ	=	Not detected, quantitation limit may be inaccurate or imprecise.

Note: These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
Phoenix Environmental Laboratories, Inc.
SDG: GCL24331

4 Ground Water Samples and 1 Trip Blank
Collected May 4, 2022

Prepared by: Donald Anné
June 17, 2022

The data packages contain the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 4 ground water samples and 1 trip blank analyzed for volatiles.

The overall performances of the analyses are acceptable. Phoenix Environmental Laboratories, Inc. did fulfill the requirements of the analytical methods.

The data are acceptable with some minor issues that are identified in the accompanying data validation reviews. The following data were flagged:

- The positive volatile result for cis-1,2-dichloroethene was qualified as "estimated (J) in sample MW-06 because the %D for cis-1,2-dichloroethene was above the allowable maximums in the associated continuing calibrations.

- The positive volatile results for acetone were qualified as "estimated, biased high" (J+) in sample LMW-13 and MW-06 because 1 of 2 percent recoveries for acetone was above QC limits in the associated aqueous LCS/LCSD.

All data are considered usable, with estimated (J or J+) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

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Qualified Data Section

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

May 24, 2022

FOR: Attn: Brian Neumann
Precision Env. Services, Inc.
831 Route 67 Lot 38A
Ballston Spa, NY 12020

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		05/04/22	
Location Code:	PRECISIN-DEC	Received by:	LB	05/05/22	17:05
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL24331
Phoenix ID: CL24331

Project ID: LUBRICANT PACKAGING CO,. (CO # 144123)
Client ID: LMW-08

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,1,1-Trichloroethane	ND		1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND		0.50	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,1-Dichloroethane	0.80	J	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,2,3-Trichloropropane	ND		1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,2,4-Trimethylbenzene	ND		1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND		1.0	0.50	ug/L	1	05/06/22	HM	SW8260C	
1,2-Dibromoethane	ND		1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,2-Dichloroethane	ND		0.60	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,3,5-Trimethylbenzene	ND		1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
2-Hexanone	ND		5.0	2.5	ug/L	1	05/06/22	HM	SW8260C	
2-Isopropyltoluene	ND		1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
4-Methyl-2-pentanone	ND		5.0	2.5	ug/L	1	05/06/22	HM	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	25	2.5	ug/L	1	05/06/22	HM	SW8260C	
Acrylonitrile	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Benzene	ND	0.70	0.25	ug/L	1	05/06/22	HM	SW8260C	
Bromobenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Bromochloromethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Bromodichloromethane	ND	0.50	0.25	ug/L	1	05/06/22	HM	SW8260C	
Bromoform	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Bromomethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Carbon Disulfide	ND	5.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Chlorobenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Chloroethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Chloroform	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Chloromethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	05/06/22	HM	SW8260C	
Dibromochloromethane	ND	0.50	0.25	ug/L	1	05/06/22	HM	SW8260C	
Dibromomethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Ethylbenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Hexachlorobutadiene	ND	0.40	0.25	ug/L	1	05/06/22	HM	SW8260C	
Isopropylbenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
m&p-Xylene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	05/06/22	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Methylene chloride	ND	1.0	1.0	ug/L	1	05/06/22	HM	SW8260C	
Naphthalene	ND	1.0	1.0	ug/L	1	05/06/22	HM	SW8260C	
n-Butylbenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
n-Propylbenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
o-Xylene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Styrene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	2.5	ug/L	1	05/06/22	HM	SW8260C	1
Toluene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Total Xylenes	ND	1.0	1.0	ug/L	1	05/06/22	HM	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	05/06/22	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	2.5	ug/L	1	05/06/22	HM	SW8260C	
Trichloroethene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Vinyl chloride	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	101			%	1	05/06/22	HM	70 - 130 %	
% Bromofluorobenzene	91			%	1	05/06/22	HM	70 - 130 %	
% Dibromofluoromethane	95			%	1	05/06/22	HM	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	103			%	1	05/06/22	HM	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
May 24, 2022
Reviewed and Released by: Maryam Taylor, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

May 24, 2022

FOR: Attn: Brian Neumann
Precision Env. Services, Inc.
831 Route 67 Lot 38A
Ballston Spa, NY 12020

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		05/04/22	
Location Code:	PRECISIN-DEC	Received by:	LB	05/05/22	17:05
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL24331
Phoenix ID: CL24332

Project ID: LUBRICANT PACKAGING CO,. (CO # 144123)
Client ID: LMW-13

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
1,1,1-Trichloroethane	18		5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND		2.5	1.3	ug/L	5	05/07/22	HM	SW8260C	
1,1,2-Trichloroethane	ND		5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
1,1-Dichloroethane	1.3	J	5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
1,1-Dichloroethene	ND		5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
1,1-Dichloropropene	ND		5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
1,2,3-Trichlorobenzene	ND		5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
1,2,3-Trichloropropane	ND		5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
1,2,4-Trichlorobenzene	ND		5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
1,2,4-Trimethylbenzene	ND		5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND		5.0	2.5	ug/L	5	05/07/22	HM	SW8260C	
1,2-Dibromoethane	ND		5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
1,2-Dichlorobenzene	ND		5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
1,2-Dichloroethane	ND		3.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
1,2-Dichloropropane	ND		5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
1,3,5-Trimethylbenzene	ND		5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
1,3-Dichlorobenzene	ND		5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
1,3-Dichloropropane	ND		5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
1,4-Dichlorobenzene	ND		5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
2,2-Dichloropropane	ND		5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
2-Chlorotoluene	ND		5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
2-Hexanone	ND		25	13	ug/L	5	05/07/22	HM	SW8260C	
2-Isopropyltoluene	ND		5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	1
4-Chlorotoluene	ND		5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
4-Methyl-2-pentanone	ND		25	13	ug/L	5	05/07/22	HM	SW8260C	

Project ID: LUBRICANT PACKAGING CO,. (CO # 144123) Phoenix I.D.: CL24332
Client ID: LMW-13

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	24 J+JS	130	13	ug/L	5	05/07/22	HM	SW8260C	
Acrylonitrile	ND	5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
Benzene	ND	3.5	1.3	ug/L	5	05/07/22	HM	SW8260C	
Bromobenzene	ND	5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
Bromochloromethane	ND	5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
Bromodichloromethane	ND	2.5	1.3	ug/L	5	05/07/22	HM	SW8260C	
Bromoform	ND	5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
Bromomethane	ND	5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
Carbon Disulfide	ND	25	1.3	ug/L	5	05/07/22	HM	SW8260C	
Carbon tetrachloride	ND	5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
Chlorobenzene	ND	5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
Chloroethane	ND	5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
Chloroform	ND	5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
Chloromethane	ND	5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
cis-1,2-Dichloroethene	ND	5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
cis-1,3-Dichloropropene	ND	2.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
Dibromochloromethane	ND	2.5	1.3	ug/L	5	05/07/22	HM	SW8260C	
Dibromomethane	ND	5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
Dichlorodifluoromethane	ND	5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
Ethylbenzene	ND	5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
Hexachlorobutadiene	ND	2.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
Isopropylbenzene	ND	5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
m&p-Xylene	ND	5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
Methyl ethyl ketone	ND	25	13	ug/L	5	05/07/22	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND	5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
Methylene chloride	ND	5.0	5.0	ug/L	5	05/07/22	HM	SW8260C	
Naphthalene	ND	5.0	5.0	ug/L	5	05/07/22	HM	SW8260C	
n-Butylbenzene	ND	5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
n-Propylbenzene	ND	5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
o-Xylene	ND	5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
p-Isopropyltoluene	ND	5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
sec-Butylbenzene	ND	5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
Styrene	ND	5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
tert-Butylbenzene	ND	5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
Tetrachloroethene	ND	5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
Tetrahydrofuran (THF)	ND	13	13	ug/L	5	05/07/22	HM	SW8260C	1
Toluene	ND	5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
Total Xylenes	ND	5.0	5.0	ug/L	5	05/07/22	HM	SW8260C	
trans-1,2-Dichloroethene	ND	5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
trans-1,3-Dichloropropene	ND	2.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND	25	13	ug/L	5	05/07/22	HM	SW8260C	
Trichloroethene	ND	5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
Trichlorofluoromethane	ND	5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
Trichlorotrifluoroethane	ND	5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
Vinyl chloride	ND	5.0	1.3	ug/L	5	05/07/22	HM	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4 (5x)	102			%	5	05/07/22	HM	70 - 130 %	
% Bromofluorobenzene (5x)	94			%	5	05/07/22	HM	70 - 130 %	
% Dibromofluoromethane (5x)	99			%	5	05/07/22	HM	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (5x)	104			%	5	05/07/22	HM	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
Elevated reporting limits due to the foamy nature of the sample.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
May 24, 2022
Reviewed and Released by: Maryam Taylor, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 24, 2022

FOR: Attn: Brian Neumann
Precision Env. Services, Inc.
831 Route 67 Lot 38A
Ballston Spa, NY 12020

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		05/04/22	
Location Code:	PRECISIN-DEC	Received by:	LB	05/05/22	17:05
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL24331
Phoenix ID: CL24333

Project ID: LUBRICANT PACKAGING CO,. (CO # 144123)
Client ID: LMW-14

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,1,1-Trichloroethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,1-Dichloroethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	05/06/22	HM	SW8260C	
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
2-Hexanone	ND	5.0	2.5	ug/L	1	05/06/22	HM	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
4-Methyl-2-pentanone	ND	5.0	2.5	ug/L	1	05/06/22	HM	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	25	2.5	ug/L	1	05/06/22	HM	SW8260C	
Acrylonitrile	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Benzene	ND	0.70	0.25	ug/L	1	05/06/22	HM	SW8260C	
Bromobenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Bromochloromethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Bromodichloromethane	ND	0.50	0.25	ug/L	1	05/06/22	HM	SW8260C	
Bromoform	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Bromomethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Carbon Disulfide	ND	5.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Chlorobenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Chloroethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Chloroform	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Chloromethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	05/06/22	HM	SW8260C	
Dibromochloromethane	ND	0.50	0.25	ug/L	1	05/06/22	HM	SW8260C	
Dibromomethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Ethylbenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Hexachlorobutadiene	ND	0.40	0.25	ug/L	1	05/06/22	HM	SW8260C	
Isopropylbenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
m&p-Xylene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	05/06/22	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Methylene chloride	ND	1.0	1.0	ug/L	1	05/06/22	HM	SW8260C	
Naphthalene	ND	1.0	1.0	ug/L	1	05/06/22	HM	SW8260C	
n-Butylbenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
n-Propylbenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
o-Xylene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Styrene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	2.5	ug/L	1	05/06/22	HM	SW8260C	1
Toluene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Total Xylenes	ND	1.0	1.0	ug/L	1	05/06/22	HM	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	05/06/22	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	2.5	ug/L	1	05/06/22	HM	SW8260C	
Trichloroethene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Vinyl chloride	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	101			%	1	05/06/22	HM	70 - 130 %	
% Bromofluorobenzene	92			%	1	05/06/22	HM	70 - 130 %	
% Dibromofluoromethane	93			%	1	05/06/22	HM	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	102			%	1	05/06/22	HM	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
May 24, 2022
Reviewed and Released by: Maryam Taylor, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

May 24, 2022

FOR: Attn: Brian Neumann
Precision Env. Services, Inc.
831 Route 67 Lot 38A
Ballston Spa, NY 12020

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		05/04/22	
Location Code:	PRECISIN-DEC	Received by:	LB	05/05/22	17:05
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL24331
Phoenix ID: CL24334

Project ID: LUBRICANT PACKAGING CO,. (CO # 144123)
Client ID: MW-06

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,1,1-Trichloroethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,1-Dichloroethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	05/06/22	HM	SW8260C	
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
2-Hexanone	ND	5.0	2.5	ug/L	1	05/06/22	HM	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
4-Methyl-2-pentanone	ND	5.0	2.5	ug/L	1	05/06/22	HM	SW8260C	

Project ID: LUBRICANT PACKAGING CO,. (CO # 144123) Phoenix I.D.: CL24334

Client ID: MW-06

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	3.6 J+JS	25	2.5	ug/L	1	05/06/22	HM	SW8260C	
Acrylonitrile	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Benzene	ND	0.70	0.25	ug/L	1	05/06/22	HM	SW8260C	
Bromobenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Bromochloromethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Bromodichloromethane	ND	0.50	0.25	ug/L	1	05/06/22	HM	SW8260C	
Bromoform	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Bromomethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Carbon Disulfide	ND	5.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Chlorobenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Chloroethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Chloroform	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Chloromethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
cis-1,2-Dichloroethene	7.1 J	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	05/06/22	HM	SW8260C	
Dibromochloromethane	ND	0.50	0.25	ug/L	1	05/06/22	HM	SW8260C	
Dibromomethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Ethylbenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Hexachlorobutadiene	ND	0.40	0.25	ug/L	1	05/06/22	HM	SW8260C	
Isopropylbenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
m&p-Xylene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	05/06/22	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Methylene chloride	ND	1.0	1.0	ug/L	1	05/06/22	HM	SW8260C	
Naphthalene	ND	1.0	1.0	ug/L	1	05/06/22	HM	SW8260C	
n-Butylbenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
n-Propylbenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
o-Xylene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Styrene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Tetrachloroethene	40	5.0	1.3	ug/L	5	05/11/22	HM	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	2.5	ug/L	1	05/06/22	HM	SW8260C	1
Toluene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Total Xylenes	ND	1.0	1.0	ug/L	1	05/06/22	HM	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	05/06/22	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	2.5	ug/L	1	05/06/22	HM	SW8260C	
Trichloroethene	7.8	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Vinyl chloride	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	101			%	1	05/06/22	HM	70 - 130 %	
% Bromofluorobenzene	93			%	1	05/06/22	HM	70 - 130 %	
% Dibromofluoromethane	101			%	1	05/06/22	HM	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	100			%	1	05/06/22	HM	70 - 130 %
% 1,2-dichlorobenzene-d4 (5x)	101			%	5	05/11/22	HM	70 - 130 %
% Bromofluorobenzene (5x)	97			%	5	05/11/22	HM	70 - 130 %
% Dibromofluoromethane (5x)	93			%	5	05/11/22	HM	70 - 130 %
% Toluene-d8 (5x)	100			%	5	05/11/22	HM	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

May 24, 2022

Reviewed and Released by: Maryam Taylor, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

May 24, 2022

FOR: Attn: Brian Neumann
Precision Env. Services, Inc.
831 Route 67 Lot 38A
Ballston Spa, NY 12020

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		05/04/22	
Location Code:	PRECISIN-DEC	Received by:	LB	05/05/22	17:05
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL24331
Phoenix ID: CL24335

Project ID: LUBRICANT PACKAGING CO,. (CO # 144123)
Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,1,1-Trichloroethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,1-Dichloroethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	05/06/22	HM	SW8260C	
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
2-Hexanone	ND	5.0	2.5	ug/L	1	05/06/22	HM	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
4-Methyl-2-pentanone	ND	5.0	2.5	ug/L	1	05/06/22	HM	SW8260C	

Project ID: LUBRICANT PACKAGING CO,. (CO # 144123) Phoenix I.D.: CL24335

Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	25	2.5	ug/L	1	05/06/22	HM	SW8260C	
Acrylonitrile	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Benzene	ND	0.70	0.25	ug/L	1	05/06/22	HM	SW8260C	
Bromobenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Bromochloromethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Bromodichloromethane	ND	0.50	0.25	ug/L	1	05/06/22	HM	SW8260C	
Bromoform	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Bromomethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Carbon Disulfide	ND	5.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Chlorobenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Chloroethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Chloroform	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Chloromethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	05/06/22	HM	SW8260C	
Dibromochloromethane	ND	0.50	0.25	ug/L	1	05/06/22	HM	SW8260C	
Dibromomethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Ethylbenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Hexachlorobutadiene	ND	0.40	0.25	ug/L	1	05/06/22	HM	SW8260C	
Isopropylbenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
m&p-Xylene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	05/06/22	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Methylene chloride	ND	1.0	1.0	ug/L	1	05/06/22	HM	SW8260C	
Naphthalene	ND	1.0	1.0	ug/L	1	05/06/22	HM	SW8260C	
n-Butylbenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
n-Propylbenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
o-Xylene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Styrene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	2.5	ug/L	1	05/06/22	HM	SW8260C	1
Toluene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Total Xylenes	ND	1.0	1.0	ug/L	1	05/06/22	HM	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	05/06/22	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	2.5	ug/L	1	05/06/22	HM	SW8260C	
Trichloroethene	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
Vinyl chloride	ND	1.0	0.25	ug/L	1	05/06/22	HM	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99			%	1	05/06/22	HM	70 - 130 %	
% Bromofluorobenzene	93			%	1	05/06/22	HM	70 - 130 %	
% Dibromofluoromethane	96			%	1	05/06/22	HM	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	100			%	1	05/06/22	HM	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

TRIP BLANK INCLUDED.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
May 24, 2022
Reviewed and Released by: Maryam Taylor, Project Manager

VOC Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8260C Volatiles Data
for Phoenix Environmental Laboratories, Inc.
SDG: GCL24331

4 Ground Water Samples and 1 Trip Blank
Collected May 4, 2022

Prepared by: Donald Anné
June 17, 2022

Holding Times: Samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The %RSDs for chloroethane, acetone, and bromoform were above the method maximum for CHEM17 on 05-03-22. The average RRFs for acetone, methyl ethyl ketone (MEK), 4-methyl-2-pentanone, 2-hexanone, bromoform, and 1,2-dibromo-3-chloropropane were below the method minimums, but not below 0.010 for CHEM17 on 05-03-21. No action is taken when fewer than 20% of the compounds per calibration do not meet either method %RSD or average RRF criteria, provided the average RRFs are not below 0.010.

The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for acetone, MEK, 4-methyl-2-pentanone, 2-hexanone, bromoform, and 1,2-dibromo-3-chloropropane were below the method minimums, but not below 0.010 on 05-06-21 (0506_28.D). The %Ds for acetone, cis-1,2-dichloroethene, carbon tetrachloride, MEK, and isopropyl benzene were above the method maximum on 05-06-21 (0506_28.D). No action is taken when fewer than 20% of the compounds per calibration do not meet either method %D or RRF criteria, provided the RRFs are not below 0.010.

The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %Ds for 12 compounds (highlighted yellow on attached for 7A/B) were above the allowable maximum (20%) on 05-06-21 (0506_28.D). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analyses of the method and trip blanks reported target compounds as not detected.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

Internal Standard Area Summary: The applicable internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the ground water samples and trip blank.

Laboratory Control Sample: The relative percent differences (RPD) for tetrachloroethene was below the allowable maximum and the percent recoveries were within QC limits for aqueous sample CL24334 LCS.

The RPDs for applicable target compounds were below the allowable maximum, but 1 of 2 %Rs for acetone was above QC limits for aqueous sample CL24335 LCS. Positive results for acetone should be considered estimated, biased high (J+) in associated aqueous samples.

Compound ID: Checked compound and surrogate results were within quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

3C

WATER VOLATILE LCS SPIKE / LCS SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: PRECISIN-DEC

Lab Code: Phoenix Case No: SAS No: SDG No GCL24331

LCS Spike - Client Id: CL24335 LCS Level:(low/med) Med

COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	LCS CONCENTRATION ug/L	LCS % REC #	QC. LIMITS REC.	
Dichlorodifluoromethane	10	0.0	10.86	109	70	130
Chloromethane	10	0.0	8.242	82	70	130
Vinyl Chloride	10	0.0	9.820	98	70	130
Bromomethane	10	0.0	7.920	79	70	130
Chloroethane	10	0.0	8.221	82	70	130
Trichlorofluoromethane	10	0.0	9.813	98	70	130
1,1-Dichloroethene	10	0.0	9.674	97	70	130
Trichlorotrifluoroethane	10	0.0	8.726	87	70	130
Carbon Disulfide	10	0.0	8.863	89	70	130
Methylene Chloride	10	0.0	8.258	83	70	130
Acetone	10	0.0	11.40	114	70	130
Trans-1,2-Dichloroethene	10	0.0	9.498	95	70	130
Methyl t-Butyl Ether (MTBE)	10	0.0	8.859	89	70	130
1,1-Dichloroethane	10	0.0	9.378	94	70	130
Acrylonitrile	10	0.0	9.627	96	70	130
Cis-1,2-Dichloroethene	10	0.0	11.62	116	70	130
2,2-Dichloropropane	10	0.0	12.01	120	70	130
Bromochloromethane	10	0.0	12.39	124	70	130
Chloroform	10	0.0	9.151	92	70	130

COMPOUND	SPIKE ADDED ug/L	LCSD CONCENTRATION ug/L	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	
Dichlorodifluoromethane	10	11.33	113	3.6	30	70	130
Chloromethane	10	8.606	86	4.8	30	70	130
Vinyl Chloride	10	10.14	101	3.0	30	70	130
Bromomethane	10	9.148	91	14.1	30	70	130
Chloroethane	10	8.676	87	5.9	30	70	130
Trichlorofluoromethane	10	10.45	105	6.9	30	70	130
1,1-Dichloroethene	10	10.26	103	6.0	30	70	130
Trichlorotrifluoroethane	10	9.222	92	5.6	30	70	130
Carbon Disulfide	10	9.394	94	5.5	30	70	130
Methylene Chloride	10	8.891	89	7.0	30	70	130
Acetone	10	13.70	137 *	18.3	30	70	130
Trans-1,2-Dichloroethene	10	10.03	100	5.1	30	70	130
Methyl t-Butyl Ether (MTBE)	10	10.33	103	14.6	30	70	130
1,1-Dichloroethane	10	9.982	100	6.2	30	70	130
Acrylonitrile	10	10.62	106	9.9	30	70	130
Cis-1,2-Dichloroethene	10	11.94	119	2.6	30	70	130
2,2-Dichloropropane	10	10.58	106	12.4	30	70	130
Bromochloromethane	10	10.10	101	20.4	30	70	130
Chloroform	10	9.437	94	2.2	30	70	130

FORM III VOA

3C

WATER VOLATILE LCS SPIKE / LCS SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: PRECISIN-DEC

Lab Code: Phoenix Case No: SAS No: SDG No GCL24331

LCS Spike - Client Id: CL24335 LCS Level:(low/med) Med

COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	LCS CONCENTRATION ug/L	LCS % REC #	QC. LIMITS REC.	
Carbon Tetrachloride	10	0.0	10.52	105	70	130
Tetrahydrofuran (THF)	25	0.0	21.75	87	70	130
1,1,1-Trichloroethane	10	0.0	9.958	100	70	130
Methyl Ethyl Ketone	10	0.0	10.41	104	70	130
1,1-Dichloropropene	10	0.0	9.760	98	70	130
Benzene	10	0.0	9.501	95	70	130
1,2-Dichloroethane	10	0.0	9.140	91	70	130
Trichloroethene	10	0.0	9.417	94	70	130
Dibromomethane	10	0.0	9.091	91	70	130
1,2-dichloropropane	10	0.0	9.247	92	70	130
Bromodichloromethane	10	0.0	9.412	94	70	130
cis-1,3-Dichloropropene	10	0.0	9.408	94	70	130
Toluene	10	0.0	9.532	95	70	130
4-Methyl-2-Pentanone	10	0.0	9.003	90	70	130
Tetrachloroethene	10	0.0	9.241	92	70	130
trans-1,3-Dichloropropene	10	0.0	9.368	94	70	130
1,1,2-Trichloroethane	10	0.0	9.077	91	70	130
Dibromochloromethane	10	0.0	10.34	103	70	130
1,3-Dichloropropane	10	0.0	9.617	96	70	130

COMPOUND	SPIKE ADDED ug/L	LCSD CONCENTRATION ug/L	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	
Carbon Tetrachloride	10	11.14	111	5.6	30	70	130
Tetrahydrofuran (THF)	25	24.22	97	10.9	30	70	130
1,1,1-Trichloroethane	10	10.39	104	3.9	30	70	130
Methyl Ethyl Ketone	10	11.49	115	10.0	30	70	130
1,1-Dichloropropene	10	10.27	103	5.0	30	70	130
Benzene	10	10.07	101	6.1	30	70	130
1,2-Dichloroethane	10	9.887	99	8.4	30	70	130
Trichloroethene	10	9.798	98	4.2	30	70	130
Dibromomethane	10	10.26	103	12.4	30	70	130
1,2-dichloropropane	10	9.975	100	8.3	30	70	130
Bromodichloromethane	10	10.63	106	12.0	30	70	130
cis-1,3-Dichloropropene	10	10.16	102	8.2	30	70	130
Toluene	10	10.07	101	6.1	30	70	130
4-Methyl-2-Pentanone	10	10.84	108	18.2	30	70	130
Tetrachloroethene	10	9.766	98	6.3	30	70	130
trans-1,3-Dichloropropene	10	10.35	103	9.1	30	70	130
1,1,2-Trichloroethane	10	10.00	100	9.4	30	70	130
Dibromochloromethane	10	11.10	111	7.5	30	70	130
1,3-Dichloropropane	10	10.33	103	7.0	30	70	130

FORM III VOA

3C
WATER VOLATILE LCS SPIKE / LCS SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: PRECISIN-DEC

Lab Code: Phoenix Case No: SAS No: SDG No GCL24331

LCS Spike - Client Id: CL24335 LCS Level:(low/med) Med

COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	LCS CONCENTRATION ug/L	LCS % REC #	QC. LIMITS REC.	
1,2-Dibromoethane	10	0.0	9.884	99	70	130
2-Hexanone	10	0.0	9.425	94	70	130
Chlorobenzene	10	0.0	9.587	96	70	130
Ethylbenzene	10	0.0	9.945	99	70	130
1,1,1,2-Tetrachloroethane	10	0.0	10.51	105	70	130
m&p-Xylene	20	0.0	19.87	99	70	130
o-Xylene	10	0.0	9.939	99	70	130
Styrene	10	0.0	10.18	102	70	130
Bromoform	10	0.0	10.91	109	70	130
Isopropylbenzene	10	0.0	10.33	103	70	130
Bromobenzene	10	0.0	9.945	99	70	130
n-Propylbenzene	10	0.0	10.12	101	70	130
1,1,2,2-Tetrachloroethane	10	0.0	9.776	98	70	130
2-Chlorotoluene	10	0.0	10.25	102	70	130
1,3,5-Trimethylbenzene	10	0.0	10.12	101	70	130
1,2,3-Trichloropropane	10	0.0	9.698	97	70	130
trans-1,4-Dichloro-2-butene	50	0.0	51.79	104	70	130
4-Chlorotoluene	10	0.0	10.16	102	70	130
tert-Butylbenzene	10	0.0	10.08	101	70	130

COMPOUND	SPIKE ADDED ug/L	LCSD CONCENTRATION ug/L	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	
1,2-Dibromoethane	10	10.68	107	7.8	30	70	130
2-Hexanone	10	10.88	109	14.8	30	70	130
Chlorobenzene	10	10.16	102	6.1	30	70	130
Ethylbenzene	10	10.34	103	4.0	30	70	130
1,1,1,2-Tetrachloroethane	10	11.31	113	7.3	30	70	130
m&p-Xylene	20	20.82	104	4.9	30	70	130
o-Xylene	10	10.46	105	5.9	30	70	130
Styrene	10	10.88	109	6.6	30	70	130
Bromoform	10	11.78	118	7.9	30	70	130
Isopropylbenzene	10	10.40	104	1.0	30	70	130
Bromobenzene	10	10.26	103	4.0	30	70	130
n-Propylbenzene	10	10.24	102	1.0	30	70	130
1,1,2,2-Tetrachloroethane	10	10.42	104	5.9	30	70	130
2-Chlorotoluene	10	10.40	104	1.9	30	70	130
1,3,5-Trimethylbenzene	10	10.24	102	1.0	30	70	130
1,2,3-Trichloropropane	10	10.12	101	4.0	30	70	130
trans-1,4-Dichloro-2-butene	50	57.05	114	9.2	30	70	130
4-Chlorotoluene	10	10.35	104	1.9	30	70	130
tert-Butylbenzene	10	10.32	103	2.0	30	70	130

FORM III VOA

3C

WATER VOLATILE LCS SPIKE / LCS SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: PRECISIN-DEC

Lab Code: Phoenix Case No: SAS No: SDG No GCL24331

LCS Spike - Client Id: CL24335 LCS Level:(low/med) Med

COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	LCS CONCENTRATION ug/L	LCS % REC #	QC. LIMITS REC.	
1,2,4-Trimethylbenzene	10	0.0	10.17	102	70	130
sec-Butylbenzene	10	0.0	9.936	99	70	130
p-Isopropyltoluene	10	0.0	10.05	100	70	130
1,3-Dichlorobenzene	10	0.0	9.799	98	70	130
1,4-Dichlorobenzene	10	0.0	9.652	97	70	130
2-Isopropyltoluene	10	0.0	9.953	100	70	130
n-Butylbenzene	10	0.0	9.937	99	70	130
1,2-Dichlorobenzene	10	0.0	9.578	96	70	130
1,2-Dibromo-3-Chloropropane	10	0.0	11.25	112	70	130
Hexachlorobutadiene	10	0.0	9.074	91	70	130
1,2,4-Trichlorobenzene	10	0.0	9.990	100	70	130
Naphthalene	10	0.0	10.50	105	70	130
1,2,3-Trichlorobenzene	10	0.0	9.976	100	70	130

COMPOUND	SPIKE ADDED ug/L	LCSD CONCENTRATION ug/L	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	
1,2,4-Trimethylbenzene	10	10.35	103	1.0	30	70	130
sec-Butylbenzene	10	10.27	103	4.0	30	70	130
p-Isopropyltoluene	10	10.30	103	3.0	30	70	130
1,3-Dichlorobenzene	10	10.19	102	4.0	30	70	130
1,4-Dichlorobenzene	10	10.04	100	3.0	30	70	130
2-Isopropyltoluene	10	10.16	102	2.0	30	70	130
n-Butylbenzene	10	10.23	102	3.0	30	70	130
1,2-Dichlorobenzene	10	10.05	100	4.1	30	70	130
1,2-Dibromo-3-Chloropropane	10	12.56	126	11.8	30	70	130
Hexachlorobutadiene	10	9.451	95	4.3	30	70	130
1,2,4-Trichlorobenzene	10	10.80	108	7.7	30	70	130
Naphthalene	10	11.72	117	10.8	30	70	130
1,2,3-Trichlorobenzene	10	11.18	112	11.3	30	70	130

FORM III VOA

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Phoenix Environmental Labs Client: PRECISIN-DEC

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCL24331

Instrument ID: CHEM17 Calibration Date(s): 05/03/22 05/03/22

Heated Purge (Y/N): N Calibration Time(s): 14:40 16:43

GC Column: Method File: VT-050322.M

LAB FILE ID:

RRF 0.5	0503_07.D	RRF 2	0503_08.D	RRF 4	0503_09.D	RRF 10	0503_10.D
RRF 20	0503_11.D	RRF 30	0503_12.D				

COMPOUND		RRF 0.5	RRF 2	RRF 4	RRF 10	RRF 20	RRF 30			$\overline{RRF}$	% RSD	% RSD LIMITS
Dichlorodifluoromethane		0.500	0.623	0.570	0.579	0.547	0.589			0.568	7.3	20 (40)
Chloromethane		0.883	0.793	0.710	0.682	0.610	0.662			0.723	13.7	20 (40)
Vinyl Chloride		0.594	0.690	0.663	0.670	0.639	0.693			0.658	5.7	20 (30)
Bromomethane		0.510	0.503	0.504	0.534	0.540	0.581			0.529	5.7	20 (40)
Chloroethane		0.784	0.728	0.569	0.517	0.457	0.474			0.588	23.2 +	20 (40)
Trichlorofluoromethane		1.132	1.343	1.224	1.239	1.200	1.256			1.232	5.6	20 (40)
1,1-Dichloroethene		0.643	0.775	0.720	0.725	0.692	0.737			0.715	6.2	20 (30)
Trichlorotrifluoroethane		0.554	0.699	0.622	0.652	0.623	0.670			0.637	7.8	20 (40)
Carbon Disulfide		1.927	2.194	2.062	2.067	1.924	2.035			2.035	5.0	20 (40)
Methylene Chloride		0.759	0.760	0.674	0.627	0.561	0.595			0.662	12.6	20 (40)
Acetone	*		0.043	0.051	0.031	0.028	0.031			0.037	27.2 +	20 (40)
Trans-1,2-Dichloroethene		0.681	0.860	0.821	0.794	0.748	0.789			0.782	7.9	20 (40)
Methyl t-Butyl Ether (MTBE)		0.646	0.807	0.733	0.728	0.696	0.749			0.726	7.4	20 (40)
1,1-Dichloroethane		1.155	1.390	1.280	1.274	1.175	1.233			1.251	6.8	20 (40)
Acrylonitrile		0.059	0.060	0.064	0.055	0.051	0.055			0.057	8.1	20 (40)
Cis-1,2-Dichloroethene		0.764	0.636	0.625	0.614	0.627	0.716			0.664	9.2	20 (40)
2,2-Dichloropropane		0.739	0.853	0.847	0.862	0.817	0.908			0.838	6.8	20 (40)
Bromochloromethane		0.140	0.211	0.198	0.189	0.178	0.198			0.186	13.5	20 (40)
Chloroform		0.941	1.019	0.962	1.058	0.872	0.957			0.968	6.7	20 (30)
Carbon Tetrachloride		0.565	0.609	0.585	0.615	0.614	0.713			0.617	8.3	20 (40)
Tetrahydrofuran (THF)	*	0.040	0.039	0.029	0.026	0.025	0.028			0.031	20.6 +	20 (40)
1,1,1-Trichloroethane		0.859	0.987	0.975	1.016	0.950	1.050			0.973	6.7	20 (40)
Methyl Ethyl Ketone	*		0.048	0.042	0.044	0.042	0.045			0.044	6.1	20 (40)
1,1-Dichloropropene		0.387	0.461	0.441	0.453	0.429	0.466			0.439	6.6	20 (40)
Benzene		1.161	1.404	1.319	1.325	1.244	1.341			1.299	6.5	20 (40)
1,2-Dichloroethane		0.198	0.259	0.247	0.232	0.219	0.234			0.232	9.2	20 (40)
Trichloroethene		0.344	0.406	0.387	0.395	0.377	0.414			0.387	6.4	20 (40)
Dibromomethane		0.088	0.114	0.106	0.104	0.097	0.104			0.102	8.8	20 (40)
1,2-dichloropropane		0.227	0.289	0.267	0.268	0.252	0.270			0.262	7.9	20 (30)
Bromodichloromethane		0.281	0.349	0.331	0.328	0.314	0.344			0.324	7.7	20 (40)
cis-1,3-Dichloropropene		0.296	0.380	0.364	0.368	0.364	0.398			0.362	9.7	20 (40)
Toluene		0.884	1.060	0.991	0.999	0.952	1.019			0.984	6.2	20 (30)
4-Methyl-2-Pentanone	*		0.072	0.070	0.069	0.064	0.072			0.069	4.5	20 (40)
Tetrachloroethene		0.284	0.365	0.346	0.345	0.339	0.371			0.342	9.0	20 (40)
trans-1,3-Dichloropropene		0.212	0.263	0.265	0.275	0.276	0.306			0.266	11.5	20 (40)
1,1,2-Trichloroethane		0.137	0.174	0.163	0.156	0.152	0.159			0.157	7.9	20 (40)
Dibromochloromethane		0.119	0.165	0.171	0.184	0.177	0.202			0.170	16.5	20 (40)
1,3-Dichloropropane		0.220	0.278	0.274	0.271	0.244	0.271			0.260	8.8	20 (40)
1,2-Dibromoethane		0.116	0.147	0.149	0.145	0.136	0.153			0.141	9.5	20 (40)
2-Hexanone	*		0.047	0.040	0.041	0.042	0.046			0.043	7.1	20 (40)
Chlorobenzene		0.885	1.145	1.103	1.123	1.047	1.159			1.077	9.5	20 (40)
Ethylbenzene		0.532	0.666	0.662	0.691	0.648	0.723			0.654	10.0	20 (30)
1,1,1,2-Tetrachloroethane		0.198	0.268	0.271	0.294	0.282	0.324			0.273	15.3	20 (40)
m&p-Xylene		0.610	0.817	0.814	0.853	0.825	0.937			0.809	13.3	20 (40)
o-Xylene		0.542	0.745	0.744	0.785	0.747	0.824			0.731	13.4	20 (40)
Styrene		0.732	1.047	1.052	1.134	1.086	1.207			1.043	15.7	20 (40)
Bromoform	*	0.040	0.068	0.069	0.078	0.082	0.097			0.072	26.5 +	20 (40)
Isopropylbenzene		0.909	1.180	1.142	1.183	1.140	1.239			1.132	10.2	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) %

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %

(l) linear (li) linear inverse conc weight (li2) linear inverse conc weight squared (q) quadratic (qi) quadratic inverse conc weight (qi2) quadratic inverse conc weight squared

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

FORM VI VOA

6C
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Phoenix Environmental Labs Client: PRECISIN-DEC

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCL24331

Instrument ID: CHEM17 Calibration Date(s): 05/03/22 05/03/22

Heated Purge (Y/N): N Calibration Time(s): 14:40 16:43

GC Column: Method File: VT-050322.M

LAB FILE ID:

RRF 0.5	0503_07.D	RRF 2	0503_08.D	RRF 4	0503_09.D	RRF 10	0503_10.D
RRF 20	0503_11.D	RRF 30	0503_12.D				

COMPOUND		RRF 0.5	RRF 2	RRF 4	RRF 10	RRF 20	RRF 30			$\overline{RRF}$	% RSD	% RSD LIMITS
Bromobenzene		0.665	0.762	0.728	0.732	0.701	0.758			0.724	5.0	20 (40)
n-Propylbenzene		1.031	1.264	1.204	1.234	1.202	1.316			1.208	8.0	20 (40)
1,1,2,2-Tetrachloroethane		0.262	0.325	0.318	0.298	0.280	0.300			0.297	8.0	20 (40)
2-Chlorotoluene		0.805	0.969	0.970	0.956	0.936	1.018			0.942	7.7	20 (40)
1,3,5-Trimethylbenzene		2.860	3.618	3.480	3.575	3.517	3.829			3.480	9.4	20 (40)
1,2,3-Trichloropropane		0.214	0.269	0.230	0.230	0.226	0.250			0.237	8.4	20 (40)
trans-1,4-Dichloro-2-butene		0.045	0.064	0.067	0.076	0.081	0.096			0.071	24.2 +	20 (40)
4-Chlorotoluene		0.774	1.000	0.964	0.969	0.920	1.002			0.938	9.1	20 (40)
tert-Butylbenzene		2.424	3.089	3.045	3.168	3.103	3.363			3.032	10.5	20 (40)
1,2,4-Trimethylbenzene		2.546	3.420	3.374	3.445	3.363	3.634			3.297	11.5	20 (40)
sec-Butylbenzene		3.713	4.839	4.667	4.887	4.772	4.974			4.642	10.1	20 (40)
p-Isopropyltoluene		2.864	3.825	3.789	3.988	3.996	4.240			3.784	12.6	20 (40)
1,3-Dichlorobenzene		1.357	1.650	1.606	1.607	1.551	1.678			1.575	7.3	20 (40)
1,4-Dichlorobenzene		1.355	1.628	1.582	1.566	1.498	1.626			1.543	6.7	20 (40)
2-Isopropyltoluene		2.923	3.714	3.657	3.809	3.731	4.001			3.639	10.2	20 (40)
n-Butylbenzene		2.592	3.442	3.413	3.611	3.554	3.788			3.400	12.3	20 (40)
1,2-Dichlorobenzene		1.070	1.314	1.241	1.217	1.160	1.267			1.212	7.1	20 (40)
1,2-Dibromo-3-Chloropropane	*	0.020	0.021	0.024	0.025	0.026	0.031			0.025	15.4	20 (40)
Hexachlorobutadiene		0.263	0.316	0.295	0.313	0.319	0.352			0.310	9.4	20 (40)
1,2,4-Trichlorobenzene		0.320	0.368	0.374	0.395	0.402	0.460			0.386	12.0	20 (40)
Naphthalene		0.305	0.333	0.338	0.357	0.370	0.430			0.356	12.1	20 (40)
1,2,3-Trichlorobenzene		0.138	0.153	0.151	0.155	0.154	0.177			0.155	8.1	20 (40)
% Dibromofluoromethane		0.074	0.076	0.076	0.069	0.074	0.072			0.074	3.8	20 (40)
% Toluene-d8		1.248	1.228	1.226	1.204	1.213	1.182			1.217	1.9	20 (40)
% Bromofluorobenzene		0.385	0.411	0.418	0.423	0.426	0.423			0.414	3.7	20 (40)
% 1,2-dichlorobenzene-d4		0.768	0.761	0.757	0.759	0.759	0.764			0.761	0.5	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) %

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %

(l) linear (li) linear inverse conc weight (li2) linear inverse conc weight squared (q) quadratic (qi) quadratic inverse conc weight (qi2) quadratic inverse conc weight squared

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

FORM VI VOA

7A
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: PRECISIN-DEC

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCL24331

Instrument: CHEM17 Calibration Date: 05/06/22 Time: 18:37

Lab File Id: 0506_28.D Init. Calib. Date(s): 05/03/22 05/03/22

Heated Purge (Y/N): N Init. Calib. Times: 14:40 16:43

GC Column: RTX-VMS Method File: VT-050322.M

COMPOUND		RRF	RRF10	RRF MIN	%D	% D LIMITS
Pentafluorobenzene	(IS Area/Area%)	304958	276988	n.a.	90.8	50-200
1,4-Difluorobenzene	(IS Area/Area%)	578551	514295	n.a.	88.9	50-200
Chlorobenzene-d5	(IS Area/Area%)	569382	501583	n.a.	88.1	50-200
1,4-Dichlorobenzene-d4	(IS Area/Area%)	295580	233183	n.a.	78.9	50-200
1,4-Dioxane d8	(IS Area/Area%)	20096	15910	n.a.	79.2	n.a.
Dichlorodifluoromethane		0.568	0.663	0.100	-16.7	20 (60)
Chloromethane		0.723	0.665	0.100	8.0	20 (60)
Vinyl Chloride		0.658	0.709	0.100	-7.8	20 (40)
Bromomethane		0.529	0.468	0.100	11.5	20 (60)
Chloroethane		0.588	0.548	0.100	6.8	20 (40)
Trichlorofluoromethane		1.232	1.379	0.100	-11.9	20 (40)
1,1-Dichloroethene		0.715	0.789	0.100	-10.3	20 (40)
Trichlorotrifluoroethane		0.637	0.687	0.050	-7.8	20 (40)
Carbon Disulfide		2.035	2.275	0.100	-11.8	20 (40)
Methylene Chloride		0.662	0.606	0.100	8.5	20 (40)
Acetone		0.037	0.052	* 0.100	-40.5 +	20 (60)
Trans-1,2-Dichloroethene		0.782	0.845	0.100	-8.1	20 (40)
Methyl t-Butyl Ether (MTBE)		0.726	0.709	0.100	2.3	20 (40)
1,1-Dichloroethane		1.251	1.326	0.200	-6.0	20 (40)
Acrylonitrile		0.057	0.058	0.050	-1.8	20 (40)
Cis-1,2-Dichloroethene		0.664	0.848	0.100	-27.7 +	20 (40)
2,2-Dichloropropane		0.838	1.135	0.050	-35.4 +	20 (40)
Bromochloromethane		0.186	0.216	0.050	-16.1	20 (40)
Chloroform		0.968	0.960	0.200	0.8	20 (40)
Carbon Tetrachloride		0.617	0.743	0.100	-20.4 +	20 (40)
Tetrahydrofuran (THF)		0.031	0.028	* 0.050	9.7	20 (40)
1,1,1-Trichloroethane		0.973	1.106	0.100	-13.7	20 (40)
Methyl Ethyl Ketone		0.044	0.053	* 0.100	-20.5 +	20 (60)
1,1-Dichloropropene		0.439	0.489	0.050	-11.4	20 (40)
Benzene		1.299	1.383	0.500	-6.5	20 (40)
1,2-Dichloroethane		0.232	0.230	0.100	0.9	20 (40)
Trichloroethene		0.387	0.421	0.200	-8.8	20 (40)
Dibromomethane		0.102	0.102	0.050	0.0	20 (40)
1,2-dichloropropane		0.262	0.269	0.100	-2.7	20 (40)
Bromodichloromethane		0.324	0.340	0.200	-4.9	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wg^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

7B
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: PRECISIN-DEC

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCL24331

Instrument: CHEM17 Calibration Date: 05/06/22 Time: 18:37

Lab File Id: 0506_28.D Init. Calib. Date(s): 05/03/22 05/03/22

Heated Purge (Y/N): N Init. Calib. Times: 14:40 16:43

GC Column: RTX-VMS Method File: VT-050322.M

COMPOUND	RRF	RRF10	RRF MIN	%D	% D LIMITS
cis-1,3-Dichloropropene	0.362	0.366	0.200	-1.1	20 (40)
Toluene	0.984	1.049	0.400	-6.6	20 (40)
4-Methyl-2-Pentanone	0.069	0.069	* 0.100	0.0	20 (60)
Tetrachloroethene	0.342	0.367	0.200	-7.3	20 (40)
trans-1,3-Dichloropropene	0.266	0.267	0.100	-0.4	20 (40)
1,1,2-Trichloroethane	0.157	0.152	0.100	3.2	20 (40)
Dibromochloromethane	0.170	0.190	0.100	-11.8	20 (40)
1,3-Dichloropropane	0.260	0.269	0.050	-3.5	20 (40)
1,2-Dibromoethane	0.141	0.146	0.100	-3.5	20 (40)
2-Hexanone	0.043	0.044	* 0.100	-2.3	20 (60)
Chlorobenzene	1.077	1.153	0.500	-7.1	20 (40)
Ethylbenzene	0.654	0.725	0.100	-10.9	20 (40)
1,1,1,2-Tetrachloroethane	0.273	0.316	0.050	-15.8	20 (40)
m&p-Xylene	0.809	0.904	0.100	-11.7	20 (40)
o-Xylene	0.731	0.814	0.300	-11.4	20 (40)
Styrene	1.043	1.157	0.300	-10.9	20 (40)
Bromoform	0.072	0.085	* 0.100	-18.1	20 (40)
Isopropylbenzene	1.132	1.396	0.100	-23.3 +	20 (40)
Bromobenzene	0.724	0.814	0.050	-12.4	20 (40)
n-Propylbenzene	1.208	1.461	0.050	-20.9 +	20 (40)
1,1,2,2-Tetrachloroethane	0.297	0.326	0.300	-9.8	20 (40)
2-Chlorotoluene	0.942	1.111	0.050	-17.9	20 (40)
1,3,5-Trimethylbenzene	3.480	4.170	0.050	-19.8	20 (40)
1,2,3-Trichloropropane	0.237	0.254	0.050	-7.2	20 (40)
trans-1,4-Dichloro-2-butene	0.071	0.087	0.050	-22.5 +	20 (40)
4-Chlorotoluene	0.938	1.084	0.050	-15.6	20 (40)
tert-Butylbenzene	3.032	3.649	0.050	-20.3 +	20 (40)
1,2,4-Trimethylbenzene	3.297	3.972	0.050	-20.5 +	20 (40)
sec-Butylbenzene	4.642	5.592	0.050	-20.5 +	20 (40)
p-Isopropyltoluene	3.784	4.558	0.050	-20.5 +	20 (40)
1,3-Dichlorobenzene	1.575	1.715	0.600	-8.9	20 (40)
1,4-Dichlorobenzene	1.543	1.690	0.500	-9.5	20 (40)
2-Isopropyltoluene	3.639	4.268	0.050	-17.3	20 (40)
n-Butylbenzene	3.400	3.967	0.050	-16.7	20 (40)
1,2-Dichlorobenzene	1.212	1.286	0.400	-6.1	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wg^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: PRECISIN-DEC

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Lab File Id: 0506_28.D Init. Calib. Date(s): 05/03/22 05/03/22

Heated Purge (Y/N): N Init. Calib. Times: 14:40 16:43

GC Column: RTX-VMS Method File: VT-050322.M

COMPOUND	RRF	RRF10	RRF MIN	%D	% D LIMITS
1,2-Dibromo-3-Chloropropane	0.025	0.030	* 0.050	-20.0	20 (40)
Hexachlorobutadiene	0.310	0.341	0.050	-10.0	20 (40)
1,2,4-Trichlorobenzene	0.386	0.419	0.200	-8.5	20 (40)
Naphthalene	0.356	0.395	0.050	-11.0	20 (40)
1,2,3-Trichlorobenzene	0.155	0.168	0.050	-8.4	20 (40)
% Dibromofluoromethane	0.074	0.067	0.050	9.5	20 (40)
% Toluene-d8	1.217	1.197	0.050	1.6	20 (40)
% Bromofluorobenzene	0.414	0.409	0.050	1.2	20 (40)
% 1,2-dichlorobenzene-d4	0.761	0.756	0.050	0.7	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wg^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

Alpha Geoscience: Acronyms and Definitions

Data Validation Acronyms

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene
CCB	Continuing calibration blank
CCC	Calibration check compound
CCV	Continuing calibration verification
CN	Cyanide
CRDL	Contract required detection limit
CRQL	Contract required quantitation limit
CVAA	Atomic adsorption, cold vapor technique
DCAA	2,4-Dichlophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine
ECD	Electron capture detector
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GPC	Gel permeation chromatography
ICB	Initial calibration blank
ICP	Inductively coupled plasma-atomic emission spectrometer
ICV	Initial calibration verification
IDL	Instrument detection limit
IS	Internal standard
LCS	Laboratory control sample
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate
MSA	Method of standard additions
MS/MSD	Matrix spike/matrix spike duplicate
PID	Photo ionization detector
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
QA	Quality assurance
QC	Quality control
RF	Response factor
RPD	Relative percent difference
RRF	Relative response factor
RRF(number)	Relative response factor at concentration of the number following
RT	Retention time
RRT	Relative retention time
SDG	Sample delivery group
SPCC	System performance check compound
TCX	Tetrachloro-m-xylene
%D	Percent difference
%R	Percent recovery
%RSD	Percent relative standard deviation

Data Validation Qualifiers Used in the QA/QC Reviews for USEPA Region II

U	=	Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
R	=	Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
N	=	Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
J	=	Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
J-	=	Analyte is present. Reported value may be biased low and associated with a higher level of uncertainty than is normally expected with the analytical method.
J+	=	Analyte is present. Reported value may be biased high andassociated with a higher level of uncertainty than is normally expected with the analytical method.
UJ	=	Not detected, quantitation limit may be inaccurate or imprecise.

Note: These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

Attachment C

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Brian Neuman & Pat Sokolowski Date/Time Prepared March 15&16, 2022

Preparer's Affiliation Precision Environmental Services Phone No. 518-885-4399

Purpose of Investigation SVI Investigation

1. OCCUPANT:

Interviewed: Y / N YES

Last Name: Betsy Nuez & Makela ? First Name: _____

Address: 79 Industrial Place, Middletown, NY of Pepsico/Frito Lays

County: Orange

Home Phone: NA Office Phone: 845-341-0002, Ext 1370221

Number of Occupants/persons at this location Unknwn Age of Occupants Unknwn

2. OWNER OR LANDLORD: (Check if same as occupant X)

Interviewed: Y / N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential	School	Commercial/Multi-use
Industrial	Church	Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) Pepsico/Frito Lays (facility makes chips)

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors 1 Building age Unkwn

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe: NA

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

Highlights are 1st and only flr, no basement

a. Above grade construction:	wood frame	concrete	stone	brick
b. Basement type:	full	crawlspace	slab	other _____
c. Basement floor:	concrete	dirt	stone	other _____
d. Basement floor:	uncovered	covered	covered with _____	
e. Concrete floor:	unsealed	sealed	sealed with Unknwn	
f. Foundation walls:	poured	block	stone	other _____
g. Foundation walls:	unsealed	sealed	sealed with Unknwn	
h. The basement is:	wet	damp	dry	moldy
i. The basement is:	finished	unfinished	partially finished	
j. Sump present?	Y / N			
k. Water in sump?	Y / N / not applicable			

Basement/Lowest level depth below grade: 0 (feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

minor cracks in warehouse section slab

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation	Heat pump	Hot water baseboard	
Space Heaters	Stream radiation	Radiant floor	
Electric baseboard	Wood stove	Outdoor wood boiler	Other _____

The primary type of fuel used is:

Natural Gas	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: Natural Gas

Boiler/furnace located in:	Basement	Outdoors	Main Floor	Other _____
Air conditioning:	Central Air	Window units	Open Windows	None

Are there air distribution ducts present? Y / N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	No basement
1st Floor	office space, shop, storage, warehouse & food manufacturing
2nd Floor	
3rd Floor	
4th Floor	

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y / N

b. Does the garage have a separate heating unit? Y / N / NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / NA
Please specify

d. Has the building ever had a fire? Y / N When? Unknwn

e. Is a kerosene or unvented gas space heater present? Y / N Where?

f. Is there a workshop or hobby/craft area? Y / N Where & Type? East side of bldg interior

g. Is there smoking in the building? Y / N How frequently? Outside stations only

h. Have cleaning products been used recently? Y / N When & Type? Everyday incl sanitizers

i. Have cosmetic products been used recently? Y / N When & Type?

j. Has painting/staining been done in the last 6 months? Y / N Where & When? Unknwn

k. Is there new carpet, drapes or other textiles? Y / N Where & When? _____

l. Have air fresheners been used recently? Y / N When & Type? Office space

m. Is there a kitchen exhaust fan? Y / N If yes, where vented? _____

n. Is there a bathroom exhaust fan? Y / N If yes, where vented? Outside

o. Is there a clothes dryer? Y / N If yes, is it vented outside? Y / N

p. Has there been a pesticide application? Y / N When & Type? _____

Are there odors in the building? Y / N
If yes, please describe: Food odor due to chip manufacturing

Do any of the building occupants use solvents at work? Y / N
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly) No
Yes, use dry-cleaning infrequently (monthly or less) Unknown
Yes, work at a dry-cleaning service

Is there a radon mitigation system for the building/structure? Y / N Date of Installation: _____
Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: Public Water Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: Public Sewer Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: NA

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

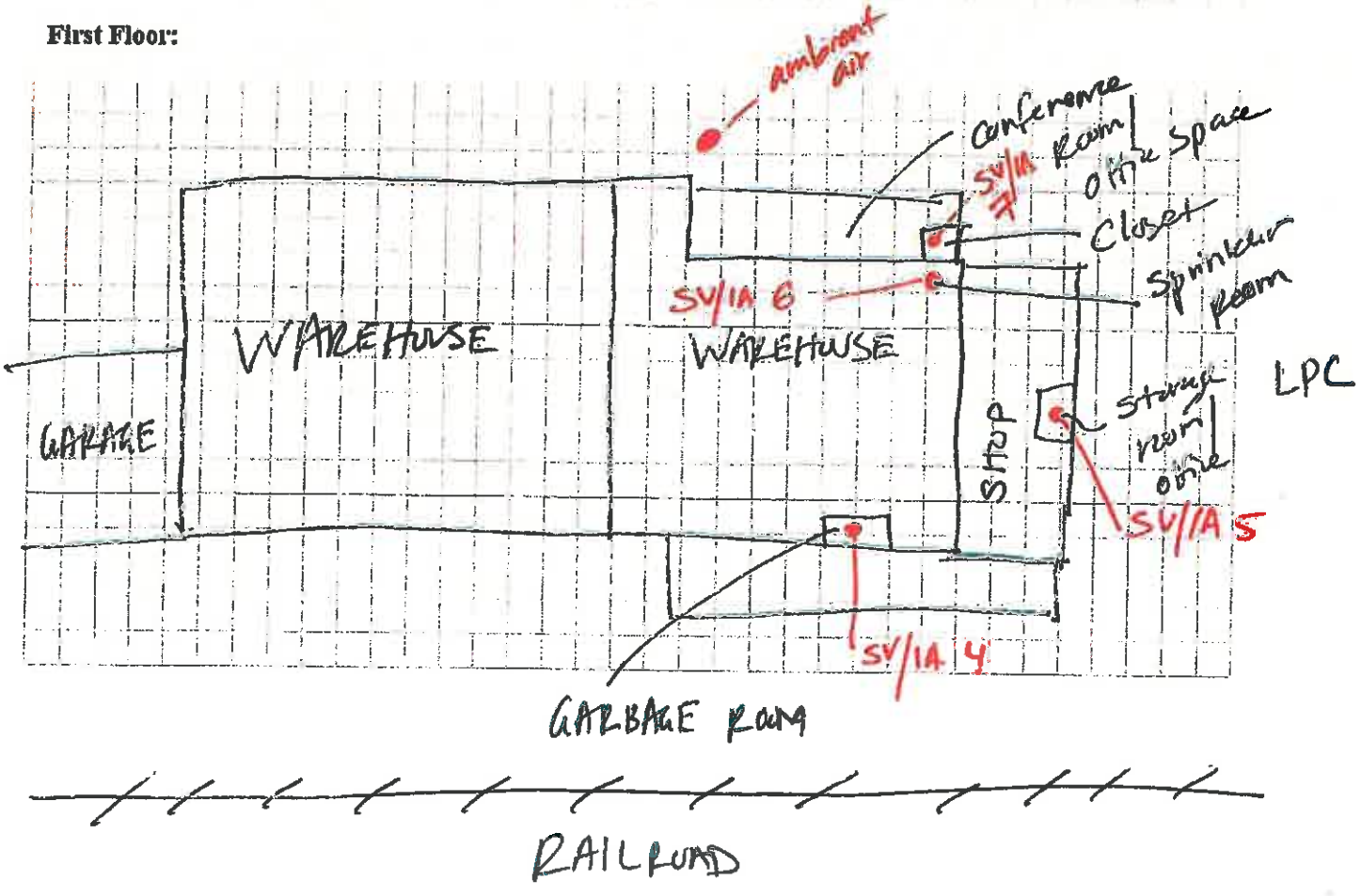
d. Relocation package provided and explained to residents? Y / N

11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

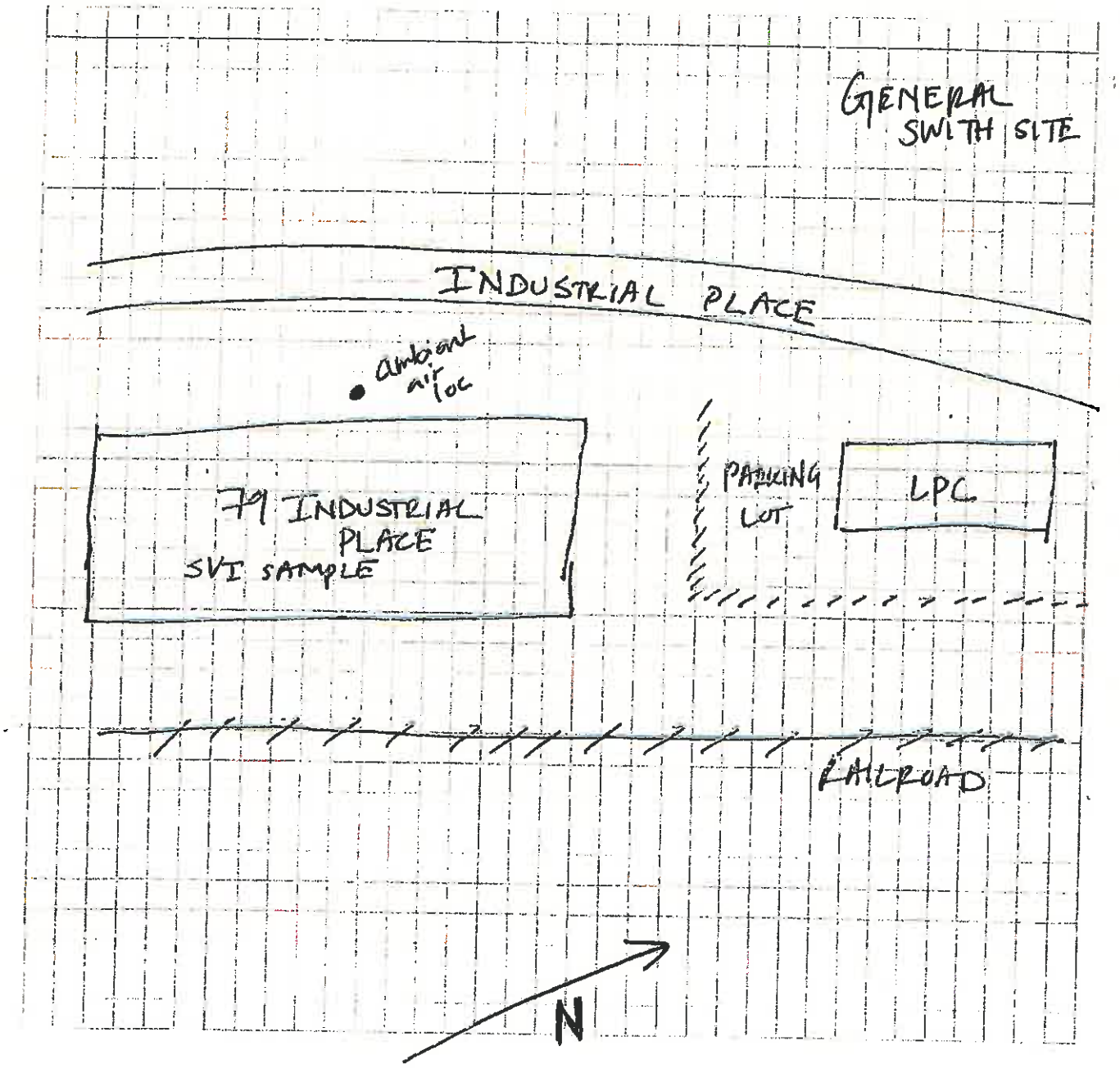
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Honeywell MiniRAE Lite

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
Shop	Sakrete Crack Filler	1 qt	U, Good	Liquified limestone and quartz	0 ppm	Y
Shop	Gorilla Const. Adhesive	9 oz	U, Good	Refer to SDS	0 ppm	Y
Shop	Paint	1 gal	U, Good	Unkwn	0 ppm	Y

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

Attachment D

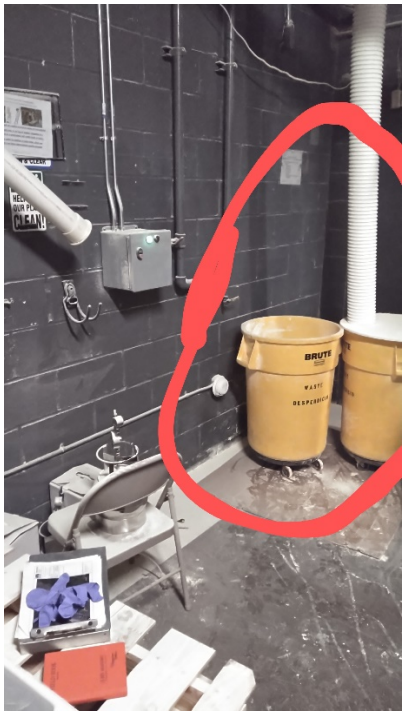
Photograph 1: Shop storage rack

Photograph 2: Shop Gorilla glue and crack filler.

Photograph 3: Shop paint can.

Photograph 4: SS-SV-06 not connected to subslab at test completion.

Photograph 5: SS-IA-04 dusted when test completed (Garbage Room).



Photograph 6: Dusted area in Garbage Room (SS-SV-04/IA-04)