



November 12, 2020

Mr. Michael Lubin
Chairman
Lexington Machining, LLC
677 Buffalo Road
Rochester, NY 14611

Apex Project No. 08020-000031.00

**Subject: 2020 Annual Groundwater Monitoring and Periodic Review Report
Lexington Machining, LLC
201 Winchester Road, Village of Lakewood, Town of Busti
Chauataqua County, New York - NYSDEC Site Number: 907044**

Dear Mr. Lubin:

Apex Companies, LLC (Apex) is pleased to present the 2020 Annual Groundwater Monitoring and Periodic Review Report. The monitoring was completed to satisfy the requirements of the Site Management Plan, that was revised by Apex and approved by the New York Department of Environmental Conservation (NYSDEC) in April 2020.

Please contact me at (330) 426-7625 or tim.mccann@apexcos.com with any questions.

Sincerely,

Timothy N. McCann
Program Manager
Northeast Ohio Regional Office

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Annual Groundwater Monitoring and Periodic Review Report

Lexington Machining, LLC

NYSDEC Site Number: 907044

Premier Lakewood, Inc. Site

201 Winchester Road

Village of Lakewood, Town of Busti

Chauataqua County, New York

Apex Project No. 08020-000031.00

NOVEMBER 12, 2020

Prepared by:

Apex Companies, LLC.

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1.0 BACKGROUND

Subsequent to active remediation, a Site Management Plan (SMP) was prepared for the Lexington Machining, LLC (LMLLC) property located at 201 Winchester Road in Lakewood, New York, Site # 907044 (the Site). A site location map is presented in Figure 1. The SMP was prepared to address low levels of volatile organic compounds (VOCs) remaining in soil and groundwater of the Site and is required by the New York State Department of Environmental Conservation (NYSDEC) Order on Consent and Administrative Settlement Index # B9-0792-08-10. The SMP was updated in April 2020 by Apex and included the removal of monitoring wells MW-4, MW-5 and MW-11D from the groundwater monitoring network. In addition, monitoring wells MW-5D and MW-6 were approved to be abandoned following NYSDEC protocol. These wells were abandoned in August 2020 and the decommissioning logs are included as Appendix A.

Annual Groundwater monitoring is required within section 3.2.1 Groundwater Monitoring of the SMP. This report presents the methods and results of the annual groundwater monitoring conducted in August 2020.

The site is located in the Village of Lakewood, Town of Busti, County of Chautauqua, New York and is situated on three lots identified as Block 385 and Lots 06-3-58, 06-3-59 and 06-3-60 on the Chautauqua County Tax Map. The site is an approximately 6.15-acre area bounded by a Chautauqua Regional Railroad Authority rail line to the north, a residential property and a vacant commercial/industrial facility to the south, Matco Tools manufacturing facility and American Legion Lakewood Memorial Post 1286 to the east, and Winchester Road to the west (see Figure 1).

1.1 HISTORIC OPERATIONS

The site was undeveloped, vacant land at least through the 1930s with initial construction of the existing manufacturing building beginning circa 1956. Die casting operations, including aluminum, magnesium, and zinc die castings manufactured for consumer and industrial products, have been conducted at the property since that time. The manufacturing plant was occupied through the 1980s by Falconer Metal Specialties, which was succeeded by Falconer Die Casting, Lexington Die Casting, Premier Tool & Die, and Premier Lakewood, Inc. Lexington Precision Corporation, the previous owner of the Property, was the owner of Lexington Die Casting before selling the manufacturing equipment and operation to Premier Tool & Die in 2006. The current site owner is LMLLC.

Operations at the site ceased circa April 2014 with removal of equipment and manufacturing materials through the end of August 2014, and the site is currently vacant.

1.2 SITE ENVIRONMENTAL SUMMARY

VOCs were identified in Site soil and groundwater during due diligence environmental site investigations and underground storage tank (UST) closure activities between July 2002 and November 2006. The primary soil and groundwater contaminant, 1,1,1-trichloroethane (1,1,1-TCA), had been previously used at the Site as a solvent and degreaser from approximately 1960 through 1991. Breakdown products of 1,1,1-TCA identified in groundwater include 1,1-dichloroethane (1,1-DCA), 1,1-dichloroethene (1,1-DCE), chloroethane, and vinyl chloride. Also



identified in several groundwater samples were 1,1,2-trichloroethane (1,1,2-TCA) and its breakdown product 1,2-dichloroethane (1,2-DCA).

An enhanced in-situ bioremediation program was conducted to address VOCs in groundwater at the Site from August through November 2006. The program included injection of bio-amendments into groundwater to support and increase the rate of naturally occurring degradation of contaminants by reductive dechlorination.

Post-remediation groundwater sampling conducted in April 2007, indicated a reduction in 1,1,1-TCA concentrations and an increase in 1,1,1-TCA breakdown products such as 1,1-DCA and chloroethane.

A groundwater sampling program was implemented in June 2010 to evaluate groundwater quality conditions at the Site. At that time, the concentrations of the primary contaminant, 1,1,1-TCA, had fallen below NYSDEC Groundwater Quality Standard (GWQS) in all but one monitoring well. The secondary contaminant, 1,1,2-TCA was detected in only one monitoring well at a concentration above the GWQS; and was lower than the previously detected concentrations. Concentrations of contaminant breakdown products appeared to be generally increasing at the site. Concentrations of tertiary breakdown product, chloroethane, were also increasing. Secondary breakdown product concentrations of 1,1-DCA, 1,2-DCA, and 1,1-DCE increased under the Site building, but decreased in most other areas of the Site. These changes indicated that natural attenuation of the VOC contaminants at the Site was occurring.

Soil contaminants remaining at the site are located at depths of 4 to 11.5 feet beneath site structures and include chlorinated solvents and acetone at concentrations below criteria for protection of public health in residential, commercial or industrial settings, but above criteria for protection of groundwater.

Groundwater contaminants remaining at the Site, including chlorinated solvent VOCs, are present in overburden groundwater under approximately half of the 99,000 square foot manufacturing building and the northern portion of the LMLLC property. Groundwater elevations are generally encountered at depths of 10 to 16 feet below grade. One groundwater sample, collected from deep groundwater monitoring well MW-11D in June 2010, exhibited concentrations of four VOCs, three at concentrations below groundwater quality standards, and the fourth, acetone, detected slightly above standards. Monitoring well MW-11D is located outside the southwest corner of the manufacturing building and up-gradient of chemical use areas. No other VOCs had been detected above standards in the deep groundwater zone.

2.0 ANNUAL GROUNDWATER MONITORING

The 2020 annual groundwater monitoring was completed to satisfy the requirements of SMP Sections 2.2.1.1, Monitored Natural Attenuation, and 3.2.1, Groundwater Monitoring.

Monitoring well sampling activities were recorded in a field book and on groundwater-sampling log sheets presented in SMP Appendix E. Relevant field observations (e.g., well integrity, etc.) were noted on the well sampling logs. The completed well sampling logs are provided in Appendix C. Monitoring well locations are shown on Figure 2.



2.1 SAMPLE COLLECTION

Prior to collecting groundwater samples, the groundwater level in each well was measured and recorded. Observed groundwater elevations are recorded on the well sampling logs and provided in Table 1. Inferred groundwater elevations and contours are depicted in Figure 3. Inferred groundwater flow direction is consistent with historic observations to the northeast.

Groundwater samples were collected using the low-flow purging and sampling technique using a peristaltic pump and polyethylene tubing at flow rates of 0.1 to 0.5 liters per minute. The samples were collected once stabilization for three consecutive readings was achieved for the following parameters and variances:

- turbidity (± 10 percent for values greater than 1 NTU),
- dissolved oxygen (± 10 percent),
- specific conductance (± 3 percent),
- temperature (± 3 percent),
- pH (± 0.1 units), and
- oxygen reduction potential (± 10 millivolts).

The groundwater field parameters were monitored using a Horiba U-52 multi-parameter water quality meter with flow-through cell. The U-52 meter was calibrated at the beginning of each sampling day using manufacturer provided calibration fluid.

Purge water was collected, contained in a 55-gallon drum, and disposed of offsite on October 29, 2020, by Safety-Kleen Systems, Inc. A copy of the purge water disposal manifest is included in Appendix F.

Groundwater samples were collected directly into laboratory provided bottles and shipped overnight in an ice-filled cooler to the Pace Analytical facility located in Pittsburgh, Pennsylvania facility, a New York State certified laboratory (New York: NYDOH (NELAP) #10888). Two field blank samples (one per field day) and one trip blank sample were collected for quality assurance/quality control (QA/QC). Appropriate decontamination procedures were followed, and proper chain of custody procedures employed.

Groundwater samples were analyzed for target compound list (TCL) volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) method 8260B. No contaminants were reported above laboratory detection limits in the field and trip blank samples, with the exception of: chloroform, which was detected at a concentration of 16.4 micrograms per liter (ug/L) in Field Blank 1 and at a concentration of 15.9 ug/L in Field Blank 2, and bromodichloromethane, which was detected at a concentration of 1.4 ug/L in Field Blank 1 and 2. Newly purchased distilled water was utilized to collect the Field blank samples. The Trip Blank reported no detected contaminants.

The analytical results were compared to the NYSDEC Groundwater Quality Standards (Technical and Operational Guidance Series 1.1.1 (TOGS 1.1.1), and ECL Part 703, Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations) to evaluate targeted compounds present above laboratory detection limits.



3.0 ANALYTICAL RESULTS

Pace Analytical provided its Laboratory Report dated September 1, 2020 for the samples collected at the Lexington Machining site (Appendix D). Pace Analytical reported that all holding times were met and proper preservation noted for the methods performed on the samples.

Table 2 provides a summary of the sample analytical results for the contaminants of concern in groundwater of the site.

Primary Contaminants

Primary contaminants of concern at the site, 1,1,1-TCA and 1,1,2-TCA were detected in several groundwater samples.

1,1,1-TCA was detected at a concentration of 27.8 ug/L in groundwater sample MW-2 and at a concentration of 8.2 ug/L in groundwater sample MW-9. These concentrations exceed the GWQS for 1,1,1-TCA of 5 ug/L. 1,1,1-TCA was not detected above the laboratory detection limit of 1.0 ug/L in the remaining groundwater samples analyzed.

1,1,2-TCA was detected in one sample (MW-10) at a concentration of 2.1 ug/L. This concentration exceeds the GWQS of 1 ug/L. 1,1,2-TCA was not detected above the laboratory detection limit of 1.0 ug/L in the remaining groundwater samples analyzed.

Secondary Contaminants

Secondary (breakdown product) contaminants including, 1,1-DCA, cis-1,2-dichloroethene (DCE), 1,1,-DCE, 1,2-DCA, and chloroethene (vinyl chloride [VC]) were also detected in groundwater samples.

1,1-DCA was detected in nine of the 12 groundwater samples with five concentrations exceeding the GWQS of 5 ug/L (MW-2, MW-8, MW-9, MW-10, and MW-13). The maximum concentration of 142 ug/L was detected in MW-9. 1,1-DCA was either not detected above the laboratory detection or at concentrations below the GWQS in the remaining groundwater samples.

Cis-1,2-DCE was detected in groundwater sample MW-13 at a concentration of 1.3 ug/L. This concentration was below the GWQS of 5 ug/L. Cis-1,2-DCE was not detected above the laboratory detection limit of 1.0 ug/L in the remaining groundwater samples.

1,1,-DCE was detected in ten of the 12 groundwater samples with seven of the concentrations exceeding the GWQS of 5 ug/L (MW-2, MW-3, MW-8, MW-9, MW-10, MW-13 and MW-14). The maximum concentration of 163 ug/L was detected in MW-9. 1,1,-DCE was either not detected above the laboratory detection or at concentrations below the GWQS in the remaining groundwater samples.

1,2-DCA was detected in four of the 12 groundwater samples with all four of the concentrations exceeding the GWQS of 0.6 ug/L (MW-1, MW-3, MW-9, and MW-13). The maximum concentration of 4.1 ug/L was detected in MW-9. 1,2-DCA was not detected above the laboratory detection limit of 1.0 ug/L in the remaining groundwater samples.



VC was detected in MW-3 and MW-7 at concentrations of 1.7 ug/L and 4.3 ug/L, respectively. The detected concentration in MW-7 exceeds the GWQS of 2 ug/L. VC was not detected above the laboratory detection limit of 1.0 ug/L in the remaining groundwater samples

Tertiary Contaminants

Tertiary breakdown products, chloroethane, 1,2-dichlorobenzene, 1,3-dichlorobenzene, and 1,4-dichlorobenzene were detected in groundwater samples.

Chloroethane was detected in four of the 12 groundwater samples (MW-2, MW-3, MW-12, and MW-13) with all of the concentrations, with the exception of MW-12, exceeding the GWQS of 5 ug/L. The maximum concentration of 576 ug/L was detected in MW-13. Chloroethane was not detected above the laboratory detection limit of 1.0 ug/L in the remaining groundwater samples.

1,2-Dichlorobenzene was detected in two of the 12 groundwater (MW-2 and MW-3) samples with one of the concentrations (MW-2) above the GWQS of 3 ug/L. The maximum concentration of 5.1 ug/L was detected in MW-2. 1,2-Dichlorobenzene was not detected above the laboratory detection limit of 1.0 ug/L in the remaining groundwater samples.

1,3-Dichlorobenzene was detected in two of the 12 groundwater samples (MW-2 and MW-3) at concentrations below the GWQS of 3 ug/L. 1,3-Dichlorobenzene was not detected above the laboratory detection limit of 1.0 ug/L in the remaining groundwater samples.

1,4-Dichlorobenzene was detected in two of the 12 groundwater samples (MW-2 and MW-3) at concentrations below the GWQS of 3 ug/L. 1,4-Dichlorobenzene was not detected above the laboratory detection limit of 1.0 ug/L in the remaining groundwater samples.



4.0 DISCUSSION

Groundwater samples collected from the monitoring well network at the site continue to exhibit concentrations of contaminants of concern exceeding GWQS. Monitoring wells exhibited attainment of GWQS and/or non-detectable concentrations of contaminants, decreasing contaminant concentrations, or elevated concentrations requiring continued monitoring.

4.1 ACCEPTABLE GROUNDWATER CONDITIONS

The following section show the comparison between the 2019 and 2020 sampling data. Three of the 12 monitoring wells exhibited no detected concentrations of contaminants or detections well below the GWQS, including the following:

Monitoring Well ID	Location on Site
MW-2D	North center outside the building
MW-11	West of the building
MW-12	North of the building

Chemicals of concern were not detected above the laboratory detection limits in monitoring wells MW-2D and MW-11.

In monitoring well MW-12, 1,1-DCA increased from below detection limit (BDL) to 2.5 ug/L; 1,1-DCE increased from 1.8 ug/L to 3.4 ug/L; and chloroethane increased from BDL to 3.3 ug/L. Although these detections increased, they are significantly less than historical concentrations.

Monitoring well MW-11 is up-gradient of impacted areas. Monitoring well MW-12 and MW-2D are down-gradient of impacted areas and MW-2D is installed in the site's deeper water bearing zone to 27 feet below ground surface.

4.2 IMPROVING GROUNDWATER CONDITIONS

The following section show the comparison between the 2019 and 2020 sampling data. A groundwater sample collected from MW-3 exhibited a clear decrease in contaminant concentrations from 2019 to 2020.

Monitoring Well ID	Location on Site
MW-3	Northeast outside the building

In Monitoring Well-3, 1,1-DCE decreased from 86.5 ug/L to 79.8 ug/L; 1,2-dichlorobenzene decreased from 2.1 ug/L to 1.9 ug/L; 1,1-DCA decreased from 7.6 ug/L to 4.4 ug/L; 1,2-Dichloroethane decreased from 1.0 ug/L to BDL; and chloroethane decreased from 29.6 ug/L to 14.6 ug/L. However, VC increased from BDL to 1.7 ug/L

Monitoring well MW-3 is downgradient of the impacted areas at the boundaries of the historical impacted groundwater plume.

4.3 GROUNDWATER CONDITIONS FOR CONTINUED MONITORING

Groundwater samples collected from eight monitoring wells exhibited an overall increase in



contaminant concentrations from June 2010 and August 2020.

Monitoring Well ID	Location on Site
MW-1	North center outside the building
MW-2	North side of building
MW-7	Northeast of the building
MW-8	Central portion of the building (inside)
MW-9	Inside the secondary machining area of the building
MW-10	Central portion of the building (inside)
MW-13	North of Building
MW-14	North of Building

Monitoring Well MW-1: 1,1-DCE increased from 1.3 ug/L to 5 ug/L; 1,2-DCA increased from BDL to 2.9 ug/L.

Monitoring Well MW-2: 1,1-DCE increased from 20.2 ug/L to 52.8 ug/L; 1,2-Dichlorobenzene increased from 1.8 to 5.1 ug/L; 1,3-dichlorobenzene increased from BDL to 1.1 ug/L; 1,4-dichlorobenzene increased from BDL to 1.7 ug/L; 1,1-DCA increased from 27 ug/L to 29.3 ug/L; 1,1,1-TCA increased from 5.9 ug/L to 27.8; ug/L . Chloroethane decreased from 81.8 ug/L to 23.9 ug/L.

Monitoring well MW-7 exhibited increasing concentrations of chloroethene from 2.1 ug/L to 4.3. In addition, 1,1-DCE increased from 1.6 ug/L to 2.1 ug/L and 1,1-DCA increased from BDL to 3.1 ug/L; however, these concentrations are below their respective GWQS.

Monitoring Well MW-8: 1,1-DCA increased from 4.8 ug/L to 6.3 ug/L; 1,1-DCE increased from 8.8 ug/L to 15.5 ug/L.

Monitoring Well MW-9: 1,1,1-TCA increased from BDL to 8.2 ug/L; 1,1-DCE increased from 107 ug/L to 163 ug/L; 1,1-DCA increased from 123 ug/L to 142 ug/L; 1,2-DCA increased from BDL of 1.0 ug/L to 4.1 ug/L.

Monitoring Well MW-10: 1,1-DCE increased from 6.1 ug/L to 9.6 ug/L; 1,1-DCA increased from 50.2 ug/L to 59.7 ug/L; 1,1,2-TCA decreased from 2.2 ug/L to 2.1 ug/L.

Monitoring Well MW-13: 1,1-DCE increased from 2.6 ug/L to 9.7 ug/L; 1,1-DCA increased from 19.3 ug/L to 20.1 ug/L; cis-1,2-DCE increased from BDL to 1.3 ug/L; 1,2-DCA increased from BDL to 1.4 ug/L; chloroethane increased from 198 ug/L to 576 ug/L.

Monitoring Well MW-14: 1,1-DCA increased from BDL to 3.6 ug/L; 1,1-DCE increased from 4.1 ug/L to 8.7 ug/L.

Monitoring wells MW-1 and MW-2 are down-gradient of the impacted areas, at the boundaries of the historical impacted groundwater plume. Monitoring well MW-7 is downgradient of the soil and groundwater impact areas and is located in the northeast portion of the property along the property boundary line.

Monitoring wells MW-8, MW-9, and MW-10 are located in the area of the soil and groundwater impact areas.



MW-13 and MW-14 are located on the west side of the building, downgradient of the impacted areas. There is no evidence from the groundwater data from these monitoring wells that indicates that the historical groundwater impact plume is spreading beyond previous delineation.

5.0 CONCLUSIONS

Based upon the results of the annual groundwater monitoring completed at the Lexington Machining, LLC site in Lakewood, New York, continued groundwater monitoring is required under the NYSDEC approved Site Management Plan.

Groundwater contaminant concentrations are below or almost below GWQS in 5 of the 12 groundwater monitoring wells. Although monitoring wells MW-1, MW-2, MW-7 through MW-10, MW-12, MW-13, and MW-14 showed an increase in overall VOCs, the increase was noted in secondary breakdown chemicals of concern, indicating that natural attenuation is still ongoing at the site. Three monitoring wells exhibited increasing concentrations of primary contaminants including MW-2, MW-9 and MW-10.

No additional action, investigation or revisions of the groundwater monitoring schedule is recommended at the site.

6.0 SIGNATURES

A handwritten signature in blue ink that reads 'Timothy N. McCann'.

Prepared by: _____

Timothy N. McCann
Program Manager
Northeast Ohio Regional Office

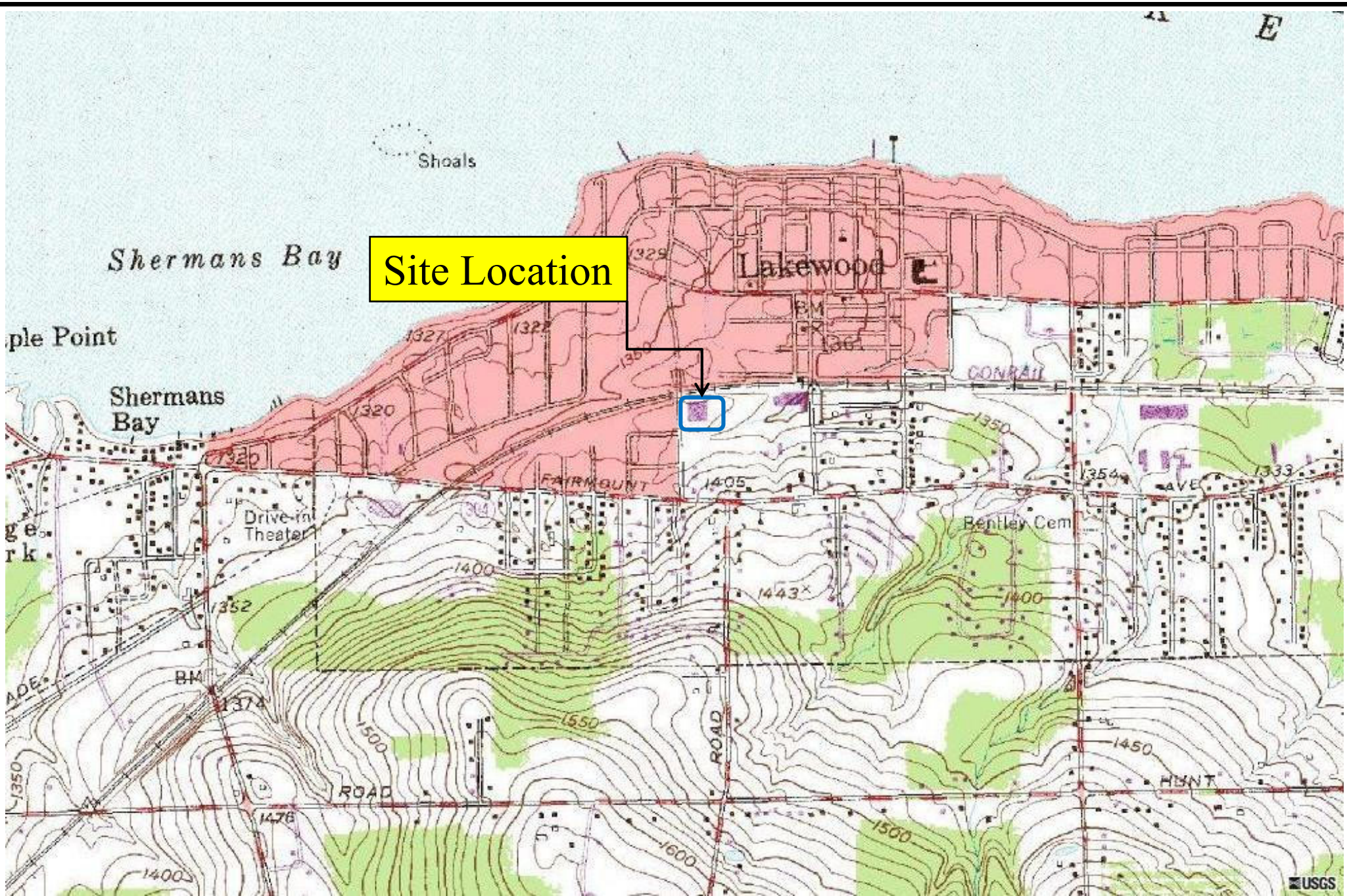
A handwritten signature in grey ink that reads 'Kellie L. Wing'.


Reviewed by: _____

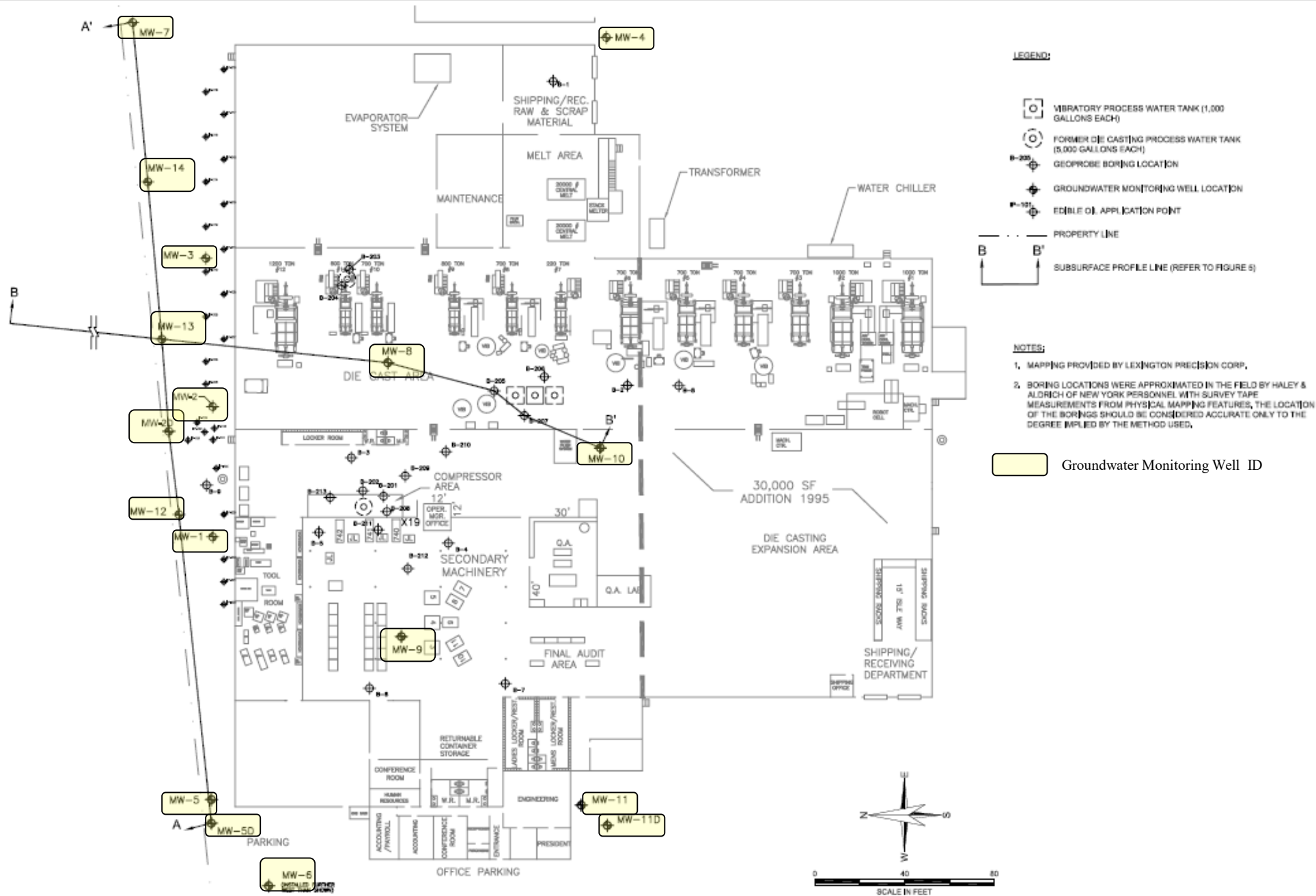
Kellie L. Wing
Program Manager
Detroit Regional Office



FIGURES



Project Number: 08020-000031.00	Client: Lexington Precision Corporation 800 third Avenue, 15 th Floor New York, New York 10022	Location: Lexington Machining, LLC 201 Winchester Avenue Lakewood, New York 14750	Title: Site Location Map	Figure: 1	
Drawn By: JAS Date: 9-9-19					
Reviewed By: JAS Date: 9-9-19					



Project Number: 08020-000031.00.00

Drawn By: JAS Date: 9-9-19

Reviewed By: JAS Date: 9-9-19

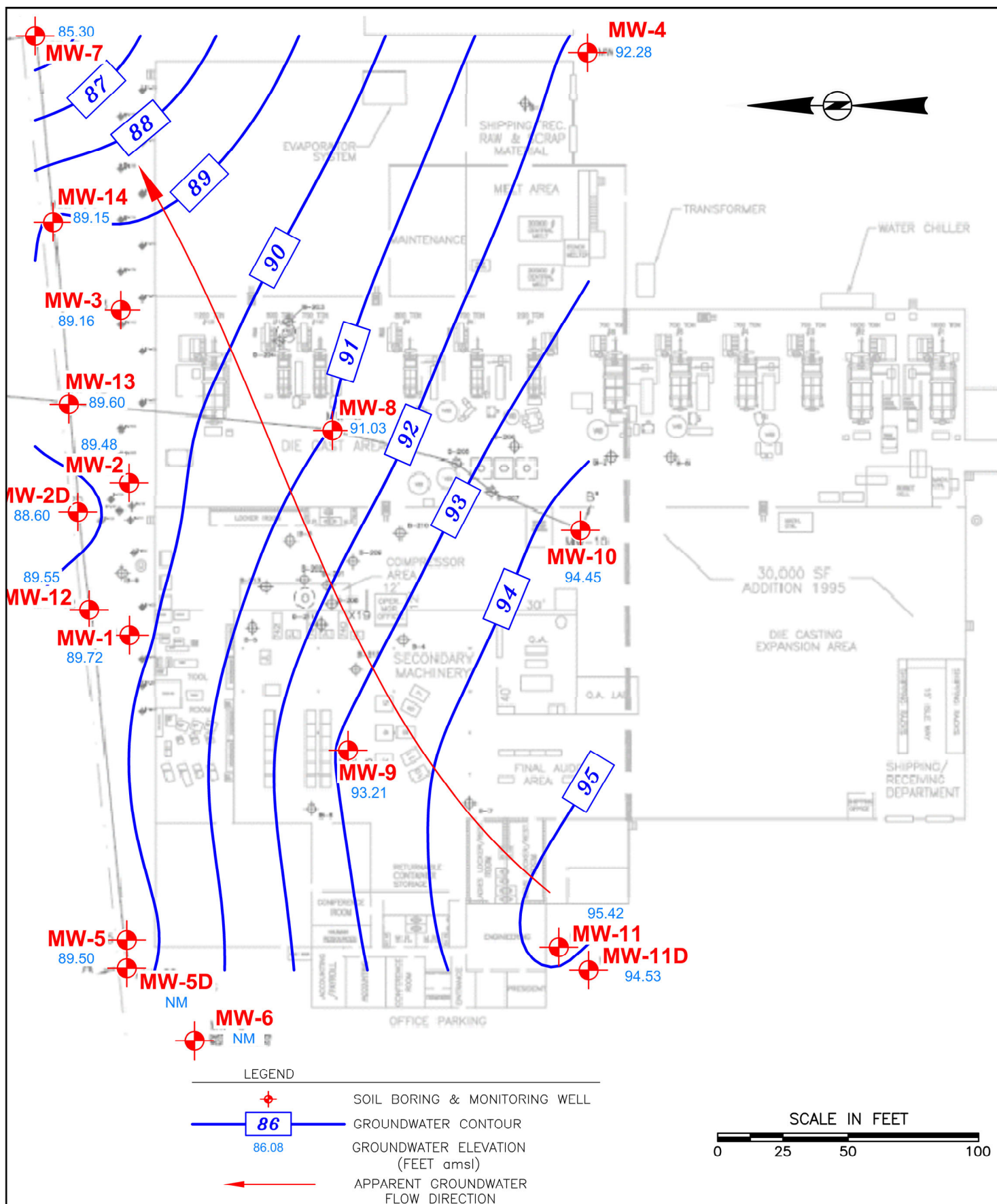
Client:
Lexington Precision Corporation
800 third Avenue, 15th Floor
New York, New York 10022

Location:
Lexington Machining, LLC
201 Winchester Avenue
Lakewood, New York 14750

Title:
Groundwater Monitoring
Well Network

Figure:

2



CHECK BY	TM
DRAWN BY	JL
DATE	11/12/2020
SCALE	AS SHOWN
CAD NO.	LX031.GW_8-20
PRJ NO.	08020-000031.00

GROUNDWATER CONTOUR MAP AUGUST 2020

LEXINGTON MACHINING LLC
201 WINCHESTER AVENUE
LAKEWOOD, NEW YORK



FIGURE

3



TABLES

Table 1
August 2020 Groundwater Elevation Measurements

Well ID	Date	Depth to Water (ft)	Ground Surface Elevation (ft) *	Groundwater Elevation (ft)
MW-1	8/26/2020	12.1	101.82	89.72
MW-2	8/26/2020	11.82	101.3	89.48
MW-2D	8/26/2020	12.24	100.84	88.6
MW-3	8/26/2020	11.86	101.02	89.16
MW-4	8/26/2020	8.8	101.08	92.28
MW-5	8/26/2020	13.31	102.81	89.5
MW-7	8/26/2020	14.15	99.45	85.3
MW-8	8/27/2020	14.05	105.08	91.03
MW-9	8/27/2020	11.8	105.01	93.21
MW-10	8/27/2020	10.62	105.07	94.45
MW-11	8/26/2020	9.08	104.5	95.42
MW-11D	8/26/2020	9.7	104.23	94.53
MW-12	8/26/2020	11.25	100.8	89.55
MW-13	8/26/2020	11.2	100.8	89.6
MW-14	8/26/2020	11.35	100.5	89.15

* Ground Surface Elevations derived from the January 9, 2007 Summary of Environmental Investigation and Remedial Actions, Haley & Aldrich

Table 2
August 2020 Groundwater Sample Data Summary

Lexington Machining LLC
201 Winchester Road, Lakewood, NY

Sample #:	TOGs - Table 5 Groundwater	MW-1			MW-2			MW-2D			MW-3			MW-7		
	Effluent															
Date Sampled:	Limitations (Class GA) (ug/L)	08/26/2020			08/26/2020			08/27/2020			08/26/2020			08/27/2020		
Volatiles (ug/L)		Conc	Q	RL	Conc	Q	RL	Conc	Q	RL	Conc	Q	RL	Conc	Q	RL
Vinyl chloride	2	ND		1.00	ND		1.00	ND		1.00	1.7		1.00	4.3		1.00
Chloroethane	5	ND		1.00	23.9		1.00	ND		1.00	14.6		1.00	ND		1.00
1,1-Dichloroethene	5	5		1.00	52.8		1.00	ND		1.00	79.8		1.00	2.1		1.00
1,1-Dichloroethane	5	ND		1.00	29.3		1.00	ND		1.00	4.4		1.00	3.1		1.00
cis-1,2-Dichloroethene	5	ND		1.00	ND		1.00	ND		1.00	ND		1.00	ND		1.00
Toluene	5	ND		1.00	ND		1.00	ND		1.00	ND		1.00	ND		1.00
1,1,1-Trichloroethane	5	ND		1.00	27.8		1.00	ND		1.00	ND		1.00	ND		1.00
1,2-Dichloroethane (EDC)	0.6	2.9		1.00	ND		1.00	ND		1.00	ND		1.00	ND		1.00
1,2,4-Trimethylbenzene	5	ND		1.00	ND		1.00	ND		1.00	ND		1.00	ND		1.00
1,1,2-Trichloroethane	1	ND		1.00	ND		1.00	ND		1.00	ND		1.00	ND		1.00
Tetrachloroethene	5	ND		1.00	ND		1.00	ND		1.00	ND		1.00	ND		1.00
1,2-Dichlorobenzene	3	ND		1.00	5.1		1.00	ND		1.00	1.9		1.00	ND		1.00
1,3-Dichlorobenzene	3	ND		1.00	1.1		1.00	ND		1.00	ND		1.00	ND		1.00
1,4-Dichlorobenzene	3	ND		1.00	1.7		1.00	ND		1.00	ND		1.00	ND		1.00
Other VOCs	Various	ND		Various	ND		Various	ND		Various	ND		Various	ND		Various
Technical Guidance and Operational Series - Table 1 New York State Ambient Water Quality																
Standards & Guidance Values and Table 5 New York State Groundwater Effluent Limitations																
(Class GA), June 1998.																
Above the GW Effluent Limitations																
NS = No Standard Available																
ND = Analyzed for but Not Detected at or above the MDL																
Bold concentration detected above MDL																

Table 2
August 2020 Groundwater Sample Data Summary

Lexington Machining LLC
201 Winchester Road, Lakewood, NY

Sample #:	TOGs - Table 5 Groundwater	MW-8			MW-9			MW-10			MW-11			MW-12		
	Effluent															
Date Sampled:	Limitations (Class GA) (ug/L)	08/27/2020			08/27/2020			8/27/200			08/26/2020			08/26/2020		
Volatiles (ug/L)		Conc	Q	RL	Conc	Q	RL	Conc	Q	RL	Conc	Q	RL	Conc	Q	RL
Vinyl chloride	2	ND		1.00	ND		1.00	ND		1.00	ND		1.00	ND		1.00
Chloroethane	5	ND		1.00	ND		1.00	ND		1.00	ND		1.00	3.3		1.00
1,1-Dichloroethene	5	15.5		1.00	163		1.00	9.6		1.00	ND		1.00	3.4		1.00
1,1-Dichloroethane	5	6.3		1.00	142		1.00	59.7		1.00	ND		1.00	2.5		1.00
cis-1,2-Dichloroethene	5	ND		1.00	ND		1.00	ND		1.00	ND		1.00	ND		1.00
Toluene	5	ND		1.00	ND		1.00	ND		1.00	ND		1.00	ND		1.00
1,1,1-Trichloroethane	5	ND		1.00	8.2		1.00	ND		1.00	ND		1.00	ND		1.00
1,2-Dichloroethane (EDC)	0.6	ND		1.00	4.1		1.00	ND		1.00	ND		1.00	ND		1.00
1,2,4-Trimethylbenzene	5	ND		1.00	ND		1.00	ND		1.00	ND		1.00	ND		1.00
1,1,2-Trichloroethane	1	ND		1.00	ND		1.00	2.1		1.00	ND		1.00	ND		1.00
Tetrachloroethene	5	ND		1.00	ND		1.00	ND		1.00	ND		1.00	ND		1.00
1,2-Dichlorobenzene	3	ND		1.00	ND		1.00	ND		1.00	ND		1.00	ND		1.00
1,3-Dichlorobenzene	3	ND		1.00	ND		1.00	ND		1.00	ND		1.00	ND		1.00
1,4-Dichlorobenzene	3	ND		1.00	ND		1.00	ND		1.00	ND		1.00	ND		1.00
Other VOCs	Various	ND		Various	ND		Various	ND		Various	ND		Various	ND		Various
Technical Guidance and Operational Series - Table 1 New York State Groundwater																
Standards & Guidance Values and Table 5 New York State Groundwater																
(Class GA), June 1998.																
Above the GW Effluent Limitations																
NS = No Standard Available																
ND = Analyzed for but Not Detected at or above the MDL																
Bold concentrtrion detected above MDL																

Table 2
August 2020 Groundwater Sample Data Summary

Lexington Machining LLC
201 Winchester Road, Lakewood, NY

Sample #:	TOGs - Table 5 Groundwater	MW-13			MW-14			FIELD BLANK -1			FIELD BLANK -2			TRIP BLANK		
	Effluent															
Date Sampled:	Limitations (Class GA) (ug/L)	08/26/2020			08/27/2020			08/26/2020			08/27/2020			08/27/2020		
Volatiles (ug/L)		Conc	Q	RL	Conc	Q	RL	Conc	Q	RL	Conc	Q	RL	Conc	Q	RL
Vinyl chloride	2	ND		1.00	ND		1.00	ND		1.00	ND		1.00	ND		1.00
Chloroethane	5	576		5.00	ND		1.00	ND		1.00	ND		1.00	ND		1.00
1,1-Dichloroethene	5	9.7		1.00	8.7		1.00	ND		1.00	ND		1.00	ND		1.00
1,1-Dichloroethane	5	20.1		1.00	3.6		1.00	ND		1.00	ND		1.00	ND		1.00
cis-1,2-Dichloroethene	5	1.3		1.00	ND		1.00	ND		1.00	ND		1.00	ND		1.00
Toluene	5	ND		2.00	ND		1.0	ND		1.00	ND		1.0	ND		1.00
1,1,1-Trichloroethane	5	ND		1.00	ND		1.00	ND		1.00	ND		1.00	ND		1.00
1,2-Dichloroethane (EDC)	0.6	1.4		1.00	ND		1.00	ND		1.00	ND		1.00	ND		1.00
1,2,4-Trimethylbenzene	5	ND		1.00	ND		1.00	ND		1.00	ND		1.00	ND		1.00
1,1,2-Trichloroethane	1	ND		1.00	ND		1.00	ND		1.00	ND		1.00	ND		1.00
Tetrachloroethene	5	ND		1.00	ND		1.00	ND		1.00	ND		1.00	ND		1.00
1,2-Dichlorobenzene	3	ND		1.00	ND		1.00	ND		1.00	ND		1.00	ND		1.00
1,3-Dichlorobenzene	3	ND		1.00	ND		1.00	ND		1.00	ND		1.00	ND		1.00
1,4-Dichlorobenzene	3	ND		1.00	ND		1.00	ND		1.00	ND		1.00	ND		1.00
Other VOCs	Various	ND		Various	ND		Various	ND		Various	ND		Various	ND		Various
Technical Guidance and Operational Series - Table 1 New York State Groundwater																
Standards & Guidance Values and Table 5 New York State Groundwater Effluent Limitations (Class GA), June 1998.																
Above the GW Effluent Limitations																
NS = No Standard Available																
ND = Analyzed for but Not Detected at or above the MDL																
Bold concentrtrion detected above MDL																



Appendix A

MONITORING WELL DECOMMISSIONING LOGS

FIGURE 3
WELL DECOMMISSIONING RECORD

Site Name: <u>Lexington Machining</u>	Well I.D.: <u>MWSD</u>
Site Location: <u>Winchester St., Lakewood, NY</u>	Driller: <u>C. Stone</u>
Drilling Co.: <u>LaBella Environmental LLC</u>	Inspector:
Date: <u>8/28/20</u>	

DECOMMISSIONING DATA (Fill in all that apply)	WELL SCHEMATIC*								
<u>OVERDRILLING</u> Interval Drilled <table border="1" style="width: 100%; height: 100px; text-align: center;"><tr><td colspan="2" style="font-size: 2em;">/</td></tr></table> Drilling Method(s) Borehole Dia. (in.) Temporary Casing Installed? (y/n) Depth temporary casing installed Casing type/dia. (in.) Method of installing	/		<div style="display: flex; align-items: center;"> <div style="width: 15%;"> Depth (feet) <div style="text-align: center;">0</div> <div style="text-align: center;">5</div> <div style="text-align: center;">10</div> <div style="text-align: center;">15</div> <div style="text-align: center;">20</div> <div style="text-align: center;">25</div> <div style="text-align: center;">30</div> </div> <div style="width: 85%; position: relative;"> <div style="position: absolute; top: 0; right: 0; transform: rotate(45deg);">Cold Patch</div> <div style="position: absolute; top: 10%; left: 10%; transform: rotate(-45deg);">4" steel casing</div> <div style="position: absolute; top: 15%; left: 80%; transform: rotate(-45deg);">Grout all</div> <div style="position: absolute; top: 60%; left: 10%; transform: rotate(-45deg);">3.75" open hole</div> <div style="position: absolute; top: 70%; right: 10%; transform: rotate(-45deg);">Bow</div> </div> </div>						
/									
<u>CASING PULLING</u> Method employed <table border="1" style="width: 100%; height: 50px; text-align: center;"><tr><td colspan="2" style="font-size: 2em;">/</td></tr></table> Casing retrieved (feet) Casing type/dia. (in)	/								
/									
<u>CASING PERFORATING</u> Equipment used <table border="1" style="width: 100%; height: 50px; text-align: center;"><tr><td colspan="2" style="font-size: 2em;">/</td></tr></table> Number of perforations/foot Size of perforations Interval perforated	/								
/									
<u>GROUTING</u> Interval grouted (FBLs) <table border="1" style="width: 100%; height: 20px;"><tr><td>0-26.9</td></tr></table> # of batches prepared <table border="1" style="width: 100%; height: 20px;"><tr><td>1</td></tr></table> For each batch record: Quantity of water used (gal.) <table border="1" style="width: 100%; height: 20px;"><tr><td>~ 8</td></tr></table> Quantity of cement used (lbs.) <table border="1" style="width: 100%; height: 20px;"><tr><td>100</td></tr></table> Cement type <table border="1" style="width: 100%; height: 20px;"><tr><td>Type 1</td></tr></table> Quantity of bentonite used (lbs.) <table border="1" style="width: 100%; height: 20px;"><tr><td>~ 5</td></tr></table> Quantity of calcium chloride used (lbs.) <table border="1" style="width: 100%; height: 20px;"><tr><td>0</td></tr></table> Volume of grout prepared (gal.) <table border="1" style="width: 100%; height: 20px;"><tr><td>~ 17</td></tr></table> Volume of grout used (gal.) <table border="1" style="width: 100%; height: 20px;"><tr><td>17</td></tr></table>	0-26.9	1	~ 8	100	Type 1	~ 5	0	~ 17	17
0-26.9									
1									
~ 8									
100									
Type 1									
~ 5									
0									
~ 17									
17									
COMMENTS: <u>Remove surface completion, restore w/ asphalt cold patch.</u>									

Drilling Contractor

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Department Representative

FIGURE 3
WELL DECOMMISSIONING RECORD

Site Name: <u>Lexington Machining</u>	Well I.D.: <u>mw-6</u>
Site Location: <u>Winchester St. Halsewood, NY</u>	Driller: <u>C. Stone</u>
Drilling Co.: <u>LaBella Environmental, LLC</u>	Inspector:
	Date: <u>8/28/20</u>

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING

Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	

CASING PULLING

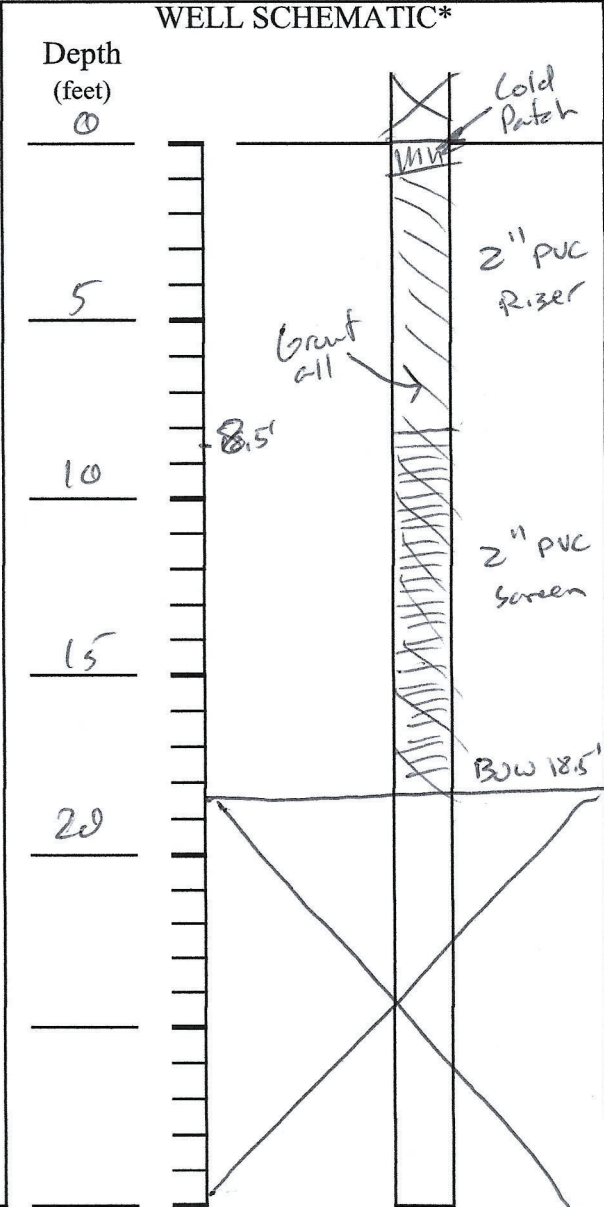
Method employed	
Casing retrieved (feet)	
Casing type/dia. (in)	

CASING PERFORATING

Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	

GROUTING

Interval grouted (FBLS)	<u>0-18.5'</u>
# of batches prepared	<u>1</u>
For each batch record:	
Quantity of water used (gal.)	<u>w 1.5</u>
Quantity of cement used (lbs.)	<u>~20</u>
Cement type	<u>Type 1</u>
Quantity of bentonite used (lbs.)	<u>w 1</u>
Quantity of calcium chloride used (lbs.)	<u>0</u>
Volume of grout prepared (gal.)	<u>3</u>
Volume of grout used (gal.)	<u>3</u>



COMMENTS: Remove surface completion, restore w/ cold patch

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor: [Signature] Department Representative: _____



Appendix B

SITE WIDE INSPECTION FORM

SITE-WIDE INSPECTION FORM

Inspection Period: August 2020

Reason for inspection: X Annual Severe Weather Event
(Site-wide inspection required annually or following a severe weather event that may have damaged site engineering controls or monitoring wells)

Project location: 201 Winchester Road, Lakewood, New York

Inspection date / time: 8/27/2020 @1000 conducted by: Tim McCann

Weather: Cloudy, 70s * F

Site remains industrial/commercial use? X Yes No

If no, what is the current use?

Is site occupied and operational?

Are structures indicated on the Site Layout Map of SMP Figure 2 remaining?

 X Yes No

If no, described current site conditions, specifically condition of the concrete floor of the existing / former structure

Are monitoring wells depicted on SMP Figure 8 in place and undamaged?

 X Yes No

If no, described monitoring well conditions:

Has the annual groundwater monitoring program been implemented for the inspection period? X Yes No

Have monitoring results been reported to the NYSDEC as indicated in the SMP?

 X Yes No

Are records required by the SMP complete, current and available at the Site?

 X Yes No

If not available on-site are there records available elsewhere?

 Yes No Where?

Have any reportable spills of regulated materials occurred or evidence of former spills be discovered? Yes X No . If Yes, describe:



Appendix C

SITE MANAGEMENT PERIODIC REVIEW REPORT, INSTITUTIONAL AND ENGINEERING CONTROLS CERTIFICATION FORM



Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form



Site No. 907044	Site Details	Box 1
Site Name Lexington Machining LLC		
Site Address: 201 Winchester Road Zip Code: 14750 City/Town: Lakewood County: Chautauqua Site Acreage: 6.150		
Reporting Period: September 18, 2019 to September 18, 2020		
		YES NO
1. Is the information above correct?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

	Box 2
	YES NO
6. Is the current site use consistent with the use(s) listed below? Industrial	<input checked="" type="checkbox"/> <input type="checkbox"/>
7. Are all ICs in place and functioning as designed?	<input checked="" type="checkbox"/> <input type="checkbox"/>

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Tony A. MZ - Apex Companies
Signature of Owner, Remedial Party or Designated Representative

9-15-20
Date

Description of Institutional Controls

<u>Parcel</u>	<u>Owner</u>	<u>Institutional Control</u>
385.06-3-58	Lexington Machining LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Building Use Restriction Monitoring Plan Site Management Plan IC/EC Plan <ul style="list-style-type: none"> • The property may only be used for industrial or commercial use provided that the long-term Engineering and Institutional Controls included in this SMP are employed. • The property may not be used for a higher level of use, such as unrestricted and restricted residential use, without an evaluation of potential additional remediation and amendment of the Environmental Easement, as approved by the NYSDEC; • All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the Site Management Plan; • The use of the groundwater underlying the property is prohibited without treatment rendering it safe for intended use; • The potential for vapor intrusion must be evaluated for any buildings developed on the Site, and any potential impacts that are identified at concentrations that may pose a hazard must be mitigated; • Vegetable gardens and farming on the site are prohibited; • The site owner or remedial party will submit to NYSDEC a written statement that certifies, under penalty of perjury, that: (1) controls employed at the Controlled Property are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and, (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP. NYSDEC retains the right to access such Controlled Property at any time in order to evaluate the continued maintenance of any and all controls. This certification shall be submitted annually, or an alternate period of time that NYSDEC may allow and will be made by an expert that the NYSDEC finds acceptable.
385.06-3-59	Lexington Machining LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Building Use Restriction Monitoring Plan Site Management Plan IC/EC Plan <ul style="list-style-type: none"> • The property may only be used for industrial or commercial use provided that the long-term Engineering and Institutional Controls included in this SMP are employed. • The property may not be used for a higher level of use, such as unrestricted and restricted residential use, without an evaluation of potential additional remediation and amendment of the Environmental Easement, as approved by the NYSDEC; • All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the Site Management Plan; • The use of the groundwater underlying the property is prohibited without treatment rendering it safe for intended use; • The potential for vapor intrusion must be evaluated for any buildings developed on the Site, and any potential impacts that are identified at concentrations that may pose a hazard must be mitigated; • Vegetable gardens and farming on the site are prohibited; • The site owner or remedial party will submit to NYSDEC a written statement that certifies, under penalty of perjury, that: (1) controls employed at the Controlled Property are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and, (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP. NYSDEC retains the right to access such Controlled Property at any time in order to evaluate the continued maintenance of any and all controls. This certification shall be submitted annually, or an alternate period of time that NYSDEC may allow and will be made by an expert that the NYSDEC finds acceptable.

Ground Water Use Restriction
 Soil Management Plan
 Landuse Restriction
 Building Use Restriction
 Monitoring Plan
 Site Management Plan
 IC/EC Plan

- The property may only be used for industrial or commercial use provided that the long-term Engineering and Institutional Controls included in this SMP are employed.
- The property may not be used for a higher level of use, such as unrestricted and restricted residential use, without an evaluation of potential additional remediation and amendment of the Environmental Easement, as approved by the NYSDEC;
- All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the Site Management Plan;
- The use of the groundwater underlying the property is prohibited without treatment rendering it safe for intended use;
- The potential for vapor intrusion must be evaluated for any buildings developed on the Site, and any potential impacts that are identified at concentrations that may pose a hazard must be mitigated;
- Vegetable gardens and farming on the site are prohibited;
- The site owner or remedial party will submit to NYSDEC a written statement that certifies, under penalty of perjury, that: (1) controls employed at the Controlled Property are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and, (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP. NYSDEC retains the right to access such Controlled Property at any time in order to evaluate the continued maintenance of any and all controls. This certification shall be submitted annually, or an alternate period of time that NYSDEC may allow and will be made by an expert that the NYSDEC finds acceptable.

Box 4

Description of Engineering Controls

<u>Parcel</u>	<u>Engineering Control</u>
---------------	----------------------------

385.06-3-58

Vapor Mitigation

Monitored Natural Attenuation

Site groundwater investigation and monitoring indicate ongoing natural attenuation and degradation of VOC contaminants. Monitored natural attenuation effectiveness will be evaluated through a groundwater monitoring program that will be implemented to monitor groundwater plume characteristics, horizontal and vertical contaminant migration and related controlling processes. The groundwater monitoring program will be conducted on an annual basis and in accordance with the USEPA guidance for monitored natural attenuation.

Vapor Mitigation

Periodic certification of industrial use will be required. In conformance with the Site Management Plan, any future reuse of existing on-site buildings for uses other than industrial will require an updated soil vapor intrusion (SVI) assessment. If the updated SVI assessment determines SVI is occurring and the values pose a health risk for intended use of the building(s), a sub-slab depressurization system, or a similar engineered system, to prevent the migration of vapors into the building from soil and/or groundwater will be required.

385.06-3-59

Vapor Mitigation

Monitored Natural Attenuation

Site groundwater investigation and monitoring indicate ongoing natural attenuation and degradation of VOC contaminants. Monitored natural attenuation effectiveness will be evaluated through a groundwater monitoring program that will be implemented to monitor groundwater plume characteristics, horizontal and vertical contaminant migration and related controlling processes. The groundwater monitoring program will be conducted on an annual basis and in accordance with the USEPA guidance for monitored natural attenuation.

Vapor Mitigation

Periodic certification of industrial use will be required. In conformance with the Site Management

Parcel

Engineering Control

Plan, any future reuse of existing on-site buildings for uses other than industrial will require an updated soil vapor intrusion (SVI) assessment. If the updated SVI assessment determines SVI is occurring and the values pose a health risk for intended use of the building(s), a sub-slab depressurization system, or a similar engineered system, to prevent the migration of vapors into the building from soil and/or groundwater will be required.

385.06-3-60

Vapor Mitigation

Monitored Natural Attenuation

Site groundwater investigation and monitoring indicate ongoing natural attenuation and degradation of VOC contaminants. Monitored natural attenuation effectiveness will be evaluated through a groundwater monitoring program that will be implemented to monitor groundwater plume characteristics, horizontal and vertical contaminant migration and related controlling processes. The groundwater monitoring program will be conducted on an annual basis and in accordance with the USEPA guidance for monitored natural attenuation.

Vapor Mitigation

Periodic certification of industrial use will be required. In conformance with the Site Management Plan, any future reuse of existing on-site buildings for uses other than industrial will require an updated soil vapor intrusion (SVI) assessment. If the updated SVI assessment determines SVI is occurring and the values pose a health risk for intended use of the building(s), a sub-slab depressurization system, or a similar engineered system, to prevent the migration of vapors into the building from soil and/or groundwater will be required.

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

- a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;
- b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and complete.

YES NO

☒ ☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

- (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;
- (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;
- (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;
- (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and
- (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES NO

☒ ☐

**IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and
DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.**

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Timothy M. C. Apex Company
Signature of Owner, Remedial Party or Designated Representative

9-15-20
Date

IC CERTIFICATIONS
SITE NO. 907044

Box 6


SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1, 2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I WARREN DELANO at 27 VALLEYWOOD RD, COS COB, CT 06807
print name print business address

am certifying as OWNER (LEXINGTON MACHINING LLC) (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

 PRESIDENT
Signature of Owner, Remedial Party, or Designated Representative
Rendering Certification

9/15/20
Date

EC CERTIFICATIONS

Box 7

Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Timothy N. McGinn at 520 South Main Street, Ste 2444, Akron, Ohio 44311
print name print business address

am certifying as a Qualified Environmental Professional for the Lexington Machining LLC
(Owner or Remedial Party)

<u>Timothy N. McGinn</u>	_____	<u>9-15-20</u>
Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification	Stamp (Required for PE)	Date



Appendix D

GROUNDWATER SAMPLING LOGS

GROUNDWATER MONITORING WELL SAMPLING LOG

WELL NO. MW-1

PROJECT: GW SAMPLING

LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY

SAMPLING DATE: 8/26/20 SAMPLED BY: TIM MCCANN/LANA OSTRY

SAMPLING METHOD: PERISTALTIC PUMP WEATHER: CLOUDY

SAMPLING TIME: 13:20 AMBIENT TEMP: 80 °F

WATER ELEVATION DATA:

METHOD OF MEASUREMENT: DEPTH SOUNDER:

WATER LEVEL GAUGE: X

DEPTH TO WATER (FT): 12.1

PURGE METHOD: PERISTALTIC PUMP / LOW FLOW

DEPTH OF PUMP BELOW TOP OF CASING (FT):

WAS WELL PUMPED DRY? YES X NO

TOTAL GALLONS PURGED: ~1.25 GALLONS

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
1304	12.50	36.8	0.061	21.31	0.6	8.34	112
1307	12.75	13.7	0.068	21.4	0.0	7.95	112
1310	12.86	2.7	0.048	21.27	0.0	7.75	116
1313	12.87	0.0	0.05	21.16	0.0	7.7	118
1316	13.05	0.0	0.051	21.1	0.0	7.68	120

Comments: Clear, No odor, No Sheen

Concrete in tact, well casing in tact, cap in tact , screws in place

GROUNDWATER MONITORING WELL SAMPLING LOG

WELL NO. MW-2 D

PROJECT: GW SAMPLING

LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY

SAMPLING DATE: 8/27/20 SAMPLED BY: TIM MCCANN/LANA OSTRY

SAMPLING METHOD: PERISTALTIC PUMP WEATHER: SUNNY

SAMPLING TIME: 9:20 AM AMBIENT TEMP: 70°F

WATER ELEVATION DATA:

METHOD OF MEASUREMENT: DEPTH SOUNDER:

WATER LEVEL GAUGE: X

DEPTH TO WATER (FT): 12.24

PURGE METHOD: PERISTALTIC PUMP / LOW FLOW

DEPTH OF PUMP BELOW TOP OF CASING (FT):

WAS WELL PUMPED DRY? YES X NO

TOTAL GALLONS PURGED: ~1.25 GALLONS

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
9:07	12.39	1000+	0.284	20.46	2.51	7.83	-150
9:10	12.75	1000+	0.278	20.74	1.01	7.7	-180
9:13	13.01	978	0.276	20.75	1.1	7.69	-187
9:16	13.28	968	0.272	20.72	1.15	7.69	-189

Comments: Brown/Grey, No odor, No Sheen

Concrete in tact, well casing in tact, cap in tact , screws in tact

GROUNDWATER MONITORING WELL SAMPLING LOG

WELL NO. MW-2

PROJECT: GW SAMPLING

LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY

SAMPLING DATE: 8/26/20 SAMPLED BY: TIM MCCANN/LANA OSTRY

SAMPLING METHOD: PERISTALTIC PUMP WEATHER: CLOUDY

SAMPLING TIME: 14:50 AMBIENT TEMP: 80 °F

WATER ELEVATION DATA:

METHOD OF MEASUREMENT: DEPTH SOUNDER: _____

WATER LEVEL GAUGE: X

DEPTH TO WATER (FT): 11.82

PURGE METHOD: PERISTALTIC PUMP / LOW FLOW

DEPTH OF PUMP BELOW TOP OF CASING (FT): _____

WAS WELL PUMPED DRY? _____ YES X NO

TOTAL GALLONS PURGED: ~1.0 GALLONS

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
14:41	12.31	0.0	0.389	20.67	2.69	7	-60
14:44	12.31	0.0	0.389	20.67	2.7	6.75	-63
14:47	12.34	0.0	0.389	20.66	2.7	6.7	-70
14:50	12.36	0.0	0.388	20.64	2.78	6.69	-66

Comments: Clear, no odor. No sheen

Concrete in tact, well casing in tact, cap in tact , screws in tact

GROUNDWATER MONITORING WELL SAMPLING LOG

WELL NO. MW-3

PROJECT: GW SAMPLING

LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY

SAMPLING DATE: 8/26/20 SAMPLED BY: TIM MCCANN/LANA OSTRY

SAMPLING METHOD: PERISTALTIC PUMP WEATHER: SUNNY/CLOUDY

SAMPLING TIME: 16:00 AMBIENT TEMP: 80 °F

WATER ELEVATION DATA:

METHOD OF MEASUREMENT: DEPTH SOUNDER:

WATER LEVEL GAUGE: X

DEPTH TO WATER (FT): 11.86

PURGE METHOD: PERISTALTIC PUMP / LOW FLOW

DEPTH OF PUMP BELOW TOP OF CASING (FT):

WAS WELL PUMPED DRY? YES X NO

TOTAL GALLONS PURGED: ~1.2 GALLONS

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
15:47	12.99	0.342	0.536	21.73	6.58	7.93	-83
15:50	13.24	0.34	0.531	21.80	6.28	7.92	-84
15:53	13.41	0.332	0.518	21.80	6.18	7.82	-82
15:56	13.57	0.333	0.505	21.75	6.18	7.79	-80

Comments: Dark grey, No Odor, No Sheen

Concrete in tact, well casing in tact, cap in tact & screws

GROUNDWATER MONITORING WELL SAMPLING LOG

WELL NO. MW-7PROJECT: GW SAMPLINGLOCATION: 201 WINCHESTER RD, LAKEWOOD, NYSAMPLING DATE: 8/27/20 SAMPLED BY: TIM MCCANN/LANA OSTRYSAMPLING METHOD: PERISTALTIC PUMP WEATHER: PARTLY SUNNYSAMPLING TIME: 8:15 AM AMBIENT TEMP: 70S °FWATER ELEVATION DATA:

METHOD OF MEASUREMENT: DEPTH SOUNDER: _____

WATER LEVEL GAUGE: XDEPTH TO WATER (FT): 14.15PURGE METHOD: PERISTALTIC PUMP / LOW FLOW

DEPTH OF PUMP BELOW TOP OF CASING (FT): _____

WAS WELL PUMPED DRY? _____ YES X NOTOTAL GALLONS PURGED: ~1.2 GALLONS

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
8:04	14.2	68	0.617	19.45	9.48	6.89	-45
8:07	14.2	47	0.617	18.91	7.25	6.51	-37
8:10	14.2	40	0.621	18.8	6.9	6.47	-30
8:13	14.22	39	0.622	18.42	6.85	6.4	-29

Comments: Clear, No Sheen, No odorConcrete in tact, well casing in tact, cap good, screws present

GROUNDWATER MONITORING WELL SAMPLING LOG

WELL NO. MW-8PROJECT: GW SAMPLINGLOCATION: 201 WINCHESTER RD, LAKEWOOD, NYSAMPLING DATE: 8/27/20 SAMPLED BY: TIM MCCANN/LANA OSTRYSAMPLING METHOD: PERISTALTIC PUMP WEATHER: PARTLY SUNNYSAMPLING TIME: 11:10 AM AMBIENT TEMP: 70S °FWATER ELEVATION DATA:

METHOD OF MEASUREMENT: DEPTH SOUNDER: _____

WATER LEVEL GAUGE: XDEPTH TO WATER (FT): 14.05PURGE METHOD: PERISTALTIC PUMP / LOW FLOW

DEPTH OF PUMP BELOW TOP OF CASING (FT): _____

WAS WELL PUMPED DRY? _____ YES X NOTOTAL GALLONS PURGED: ~1 GALLON

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
10:57	14.79	0.0	0.554	20.1	1.78	8.00	174
11:00	15.01	0.0	0.551	19.81	1.23	7.73	173
11:03	15.37	0.0	0.561	19.54	1.13	7.70	175
11:06	15.7	0.0	0.575	19.25	1.13	7.68	171

Comments: Clear, No odor, No SheenConcrete in tact, well casing in tact, cap in place, screws in place

GROUNDWATER MONITORING WELL SAMPLING LOG

WELL NO. MW-9PROJECT: GW SAMPLINGLOCATION: 201 WINCHESTER RD, LAKEWOOD, NYSAMPLING DATE: 8/27/20 SAMPLED BY: TIM MCCANNSAMPLING METHOD: PERISTALTIC PUMP WEATHER: CLOUDYSAMPLING TIME: 10:05 AM AMBIENT TEMP: 70 °FWATER ELEVATION DATA:

METHOD OF MEASUREMENT: DEPTH SOUNDER: _____

WATER LEVEL GAUGE: XDEPTH TO WATER (FT): 11.80PURGE METHOD: PERISTALTIC PUMP / LOW FLOW

DEPTH OF PUMP BELOW TOP OF CASING (FT): _____

WAS WELL PUMPED DRY? _____ YES X NOTOTAL GALLONS PURGED: 1.0 GALLONS

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
9:55	12.4	794	0.753	22.76	3.64	7.62	146
9:58	12.52	607	0.757	22.32	0.73	7.05	150
10:01	12.71	600	0.757	21.95	0.68	6.98	152
10:04	12.8	594	0.754	21.87	0.63	6.92	154

Comments: Dark Brown/Grey, No odor, No SheenConcrete in tact, well casing in tact, cap good, screws in tact

GROUNDWATER MONITORING WELL SAMPLING LOG

WELL NO. MW-10

PROJECT: GW SAMPLING

LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY

SAMPLING DATE: 8/27/20 SAMPLED BY: TIM MCCANN/LANA OSTRY

SAMPLING METHOD: PERISTALTIC PUMP WEATHER: SUNNY/CLOUDY

SAMPLING TIME: 10:40 AM AMBIENT TEMP: 70^F

WATER ELEVATION DATA:

METHOD OF MEASUREMENT: DEPTH SOUNDER:

WATER LEVEL GAUGE: X

DEPTH TO WATER (FT): 10.62

PURGE METHOD: PERISTALTIC PUMP / LOW FLOW

DEPTH OF PUMP BELOW TOP OF CASING (FT):

WAS WELL PUMPED DRY? YES X NO

TOTAL GALLONS PURGED: ~1.0

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
10:25	11.03	10.9	0.912	20.9	2.51	7.98	30
10:28	11.31	8.5	0.919	20.71	1.2	7.08	27
10:31	11.60	8.0	0.930	20.49	0.0	7.0	30
10:34	11.84	8.0	0.939	20.29	0.0	6.98	31
20:37	12.08	7.9	0.949	20.12	0.0	6.97	29

Comments: Clear, No odor, No Sheen

Concrete in tact, screws in place, cap in place

GROUNDWATER MONITORING WELL SAMPLING LOG

WELL NO. MW-11

PROJECT: GW SAMPLING

LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY

SAMPLING DATE: 8/26/20 SAMPLED BY: TIM MCCANN

SAMPLING METHOD: PERISTALTIC PUMP WEATHER: SUNNY

SAMPLING TIME: 12:40 PM AMBIENT TEMP: 80 °F

WATER ELEVATION DATA:

METHOD OF MEASUREMENT: DEPTH SOUNDER: _____

WATER LEVEL GAUGE: X

DEPTH TO WATER (FT): 9.08

PURGE METHOD: PERISTALTIC PUMP / LOW FLOW

DEPTH OF PUMP BELOW TOP OF CASING (FT): _____

WAS WELL PUMPED DRY? _____ YES X NO

TOTAL GALLONS PURGED: ~1.0

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
12:28	9.75	17.3	0.531	21.41	0.97	7.66	68
12:31	9.98	7.6	0.531	21.41	0.43	7.51	81
12:34	10.18	4.5	0.533	21.43	0.25	7.45	88
12:37	10.8	4	0.532	21.42	0.28	7.43	90

Comments: Black Particles, no odor, no sheen

Concrete in tact, screws in place, cap in place

GROUNDWATER MONITORING WELL SAMPLING LOG

WELL NO. MW-12

PROJECT: GW SAMPLING

LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY

SAMPLING DATE: 8/26/20 SAMPLED BY: TIM MCCANN/LANA OSTRY

SAMPLING METHOD: PERISTALTIC PUMP WEATHER: CLOUDY

SAMPLING TIME: 13:45 AMBIENT TEMP: 80 °F

WATER ELEVATION DATA:

METHOD OF MEASUREMENT: DEPTH SOUNDER:

WATER LEVEL GAUGE: X

DEPTH TO WATER (FT): 11.25

PURGE METHOD: PERISTALTIC PUMP / LOW FLOW

DEPTH OF PUMP BELOW TOP OF CASING (FT):

WAS WELL PUMPED DRY? YES X NO

TOTAL GALLONS PURGED: ~1.2 GALLONS

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
13:35	11.41	0	0.089	20.05	0.8	6.22	127
13:38	11.51	0	0.092	20	0.62	6.22	-24
13:41	11.61	0	0.1	19.89	0.6	8.18	-28
13:44	11.72	0	0.101	19.89	0.58	6.2	-31

Comments: Light Grey/clear, little Black particles, no odor,

Concrete in tact, well casing in tact, cap in tact , screws in place

Concrete in tact, well casing in tact, cap in tact ,screws in place

Concrete in tact, well casing in tact, cap in tact



Appendix E

ANALYTICAL LABORATORY REPORT

September 01, 2020

Mr. Timothy McCann
Apex Companies
520 South Main Street
Suite 2444
Akron, OH 44311

RE: Project: 08020-000031.00
Pace Project No.: 30379935

Dear Mr. McCann:

Enclosed are the analytical results for sample(s) received by the laboratory on August 29, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Greensburg

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

Sincerely,



Samantha Bayura
samantha.bayura@pacelabs.com
(724)850-5622
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 08020-000031.00

Pace Project No.: 30379935

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601

ANAB DOD-ELAP Rad Accreditation #: L2417

Alabama Certification #: 41590

Arizona Certification #: AZ0734

Arkansas Certification

California Certification #: 04222CA

Colorado Certification #: PA01547

Connecticut Certification #: PH-0694

Delaware Certification

EPA Region 4 DW Rad

Florida/TNI Certification #: E87683

Georgia Certification #: C040

Florida: Cert E871149 SEKS WET

Guam Certification

Hawaii Certification

Idaho Certification

Illinois Certification

Indiana Certification

Iowa Certification #: 391

Kansas/TNI Certification #: E-10358

Kentucky Certification #: KY90133

KY WW Permit #: KY0098221

KY WW Permit #: KY0000221

Louisiana DHH/TNI Certification #: LA180012

Louisiana DEQ/TNI Certification #: 4086

Maine Certification #: 2017020

Maryland Certification #: 308

Massachusetts Certification #: M-PA1457

Michigan/PADEP Certification #: 9991

Missouri Certification #: 235

Montana Certification #: Cert0082

Nebraska Certification #: NE-OS-29-14

Nevada Certification #: PA014572018-1

New Hampshire/TNI Certification #: 297617

New Jersey/TNI Certification #: PA051

New Mexico Certification #: PA01457

New York/TNI Certification #: 10888

North Carolina Certification #: 42706

North Dakota Certification #: R-190

Ohio EPA Rad Approval: #41249

Oregon/TNI Certification #: PA200002-010

Pennsylvania/TNI Certification #: 65-00282

Puerto Rico Certification #: PA01457

Rhode Island Certification #: 65-00282

South Dakota Certification

Tennessee Certification #: 02867

Texas/TNI Certification #: T104704188-17-3

Utah/TNI Certification #: PA014572017-9

USDA Soil Permit #: P330-17-00091

Vermont Dept. of Health: ID# VT-0282

Virgin Island/PADEP Certification

Virginia/VELAP Certification #: 9526

Washington Certification #: C868

West Virginia DEP Certification #: 143

West Virginia DHHR Certification #: 9964C

Wisconsin Approve List for Rad

Wyoming Certification #: 8TMS-L

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 08020-000031.00

Pace Project No.: 30379935

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30379935001	MW-1	EPA 8260B	LEL	52	PASI-PA
30379935002	MW-2	EPA 8260B	LEL	52	PASI-PA
30379935003	MW-2D	EPA 8260B	LEL	52	PASI-PA
30379935004	MW-3	EPA 8260B	LEL	52	PASI-PA
30379935005	MW-7	EPA 8260B	LEL	52	PASI-PA
30379935006	MW-8	EPA 8260B	LEL	52	PASI-PA
30379935007	MW-9	EPA 8260B	LEL	52	PASI-PA
30379935008	MW-10	EPA 8260B	LEL	52	PASI-PA
30379935009	MW-11	EPA 8260B	LEL	52	PASI-PA
30379935010	MW-12	EPA 8260B	LEL	52	PASI-PA
30379935011	MW-13	EPA 8260B	LEL	52	PASI-PA
30379935012	MW-14	EPA 8260B	LEL	52	PASI-PA
30379935013	Field Blank 1	EPA 8260B	LEL	52	PASI-PA
30379935014	Field Blank 2	EPA 8260B	LEL	52	PASI-PA
30379935015	Trip Blank	EPA 8260B	LEL	52	PASI-PA

PASI-PA = Pace Analytical Services - Greensburg

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 08020-000031.00

Pace Project No.: 30379935

Sample: MW-1		Lab ID: 30379935001		Collected: 08/26/20 13:20		Received: 08/29/20 11:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV		Analytical Method: EPA 8260B Pace Analytical Services - Greensburg							
Acetone	ND	ug/L	10.0	1		08/31/20 15:07	67-64-1	L2,M0,ML	
Benzene	ND	ug/L	1.0	1		08/31/20 15:07	71-43-2		
Bromochloromethane	ND	ug/L	1.0	1		08/31/20 15:07	74-97-5		
Bromodichloromethane	ND	ug/L	1.0	1		08/31/20 15:07	75-27-4		
Bromoform	ND	ug/L	1.0	1		08/31/20 15:07	75-25-2		
Bromomethane	ND	ug/L	1.0	1		08/31/20 15:07	74-83-9		
TOTAL BTEX	ND	ug/L	6.0	1		08/31/20 15:07			
2-Butanone (MEK)	ND	ug/L	10.0	1		08/31/20 15:07	78-93-3		
Carbon disulfide	ND	ug/L	1.0	1		08/31/20 15:07	75-15-0		
Carbon tetrachloride	ND	ug/L	1.0	1		08/31/20 15:07	56-23-5		
Chlorobenzene	ND	ug/L	1.0	1		08/31/20 15:07	108-90-7		
Chloroethane	ND	ug/L	1.0	1		08/31/20 15:07	75-00-3		
Chloroform	ND	ug/L	1.0	1		08/31/20 15:07	67-66-3		
Chloromethane	ND	ug/L	1.0	1		08/31/20 15:07	74-87-3		
Dibromochloromethane	ND	ug/L	1.0	1		08/31/20 15:07	124-48-1		
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 15:07	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 15:07	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 15:07	106-46-7		
1,1-Dichloroethane	2.9	ug/L	1.0	1		08/31/20 15:07	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	1		08/31/20 15:07	107-06-2		
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/31/20 15:07	540-59-0		
1,1-Dichloroethene	5.0	ug/L	1.0	1		08/31/20 15:07	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/31/20 15:07	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/31/20 15:07	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	1		08/31/20 15:07	78-87-5		
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/31/20 15:07	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/31/20 15:07	10061-02-6		
Ethylbenzene	ND	ug/L	1.0	1		08/31/20 15:07	100-41-4		
2-Hexanone	ND	ug/L	10.0	1		08/31/20 15:07	591-78-6	M1,ML	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/31/20 15:07	98-82-8		
Methylene Chloride	ND	ug/L	1.0	1		08/31/20 15:07	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		08/31/20 15:07	108-10-1	M1,ML	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/31/20 15:07	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		08/31/20 15:07	91-20-3		
Styrene	ND	ug/L	1.0	1		08/31/20 15:07	100-42-5		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/31/20 15:07	79-34-5		
Tetrachloroethene	ND	ug/L	1.0	1		08/31/20 15:07	127-18-4		
Toluene	ND	ug/L	1.0	1		08/31/20 15:07	108-88-3		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/31/20 15:07	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/31/20 15:07	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/31/20 15:07	79-00-5		
Trichloroethene	ND	ug/L	1.0	1		08/31/20 15:07	79-01-6		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/31/20 15:07	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/31/20 15:07	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		08/31/20 15:07	75-01-4		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 08020-000031.00

Pace Project No.: 30379935

Sample: MW-1		Lab ID: 30379935001		Collected: 08/26/20 13:20		Received: 08/29/20 11:20		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV		Analytical Method: EPA 8260B							
		Pace Analytical Services - Greensburg							
Xylene (Total)		ND	ug/L	3.0	1		08/31/20 15:07	1330-20-7	
m&p-Xylene		ND	ug/L	2.0	1		08/31/20 15:07	179601-23-1	
o-Xylene		ND	ug/L	1.0	1		08/31/20 15:07	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)		101	%.	70-130	1		08/31/20 15:07	460-00-4	
1,2-Dichloroethane-d4 (S)		103	%.	70-130	1		08/31/20 15:07	17060-07-0	
Toluene-d8 (S)		97	%.	70-130	1		08/31/20 15:07	2037-26-5	
Dibromofluoromethane (S)		105	%.	70-130	1		08/31/20 15:07	1868-53-7	

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ANALYTICAL RESULTS

Project: 08020-000031.00

Pace Project No.: 30379935

Sample: MW-2		Lab ID: 30379935002		Collected: 08/26/20 14:50		Received: 08/29/20 11:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV		Analytical Method: EPA 8260B Pace Analytical Services - Greensburg							
Acetone	ND	ug/L	10.0	1		08/31/20 15:58	67-64-1	L2	
Benzene	ND	ug/L	1.0	1		08/31/20 15:58	71-43-2		
Bromochloromethane	ND	ug/L	1.0	1		08/31/20 15:58	74-97-5		
Bromodichloromethane	ND	ug/L	1.0	1		08/31/20 15:58	75-27-4		
Bromoform	ND	ug/L	1.0	1		08/31/20 15:58	75-25-2		
Bromomethane	ND	ug/L	1.0	1		08/31/20 15:58	74-83-9		
TOTAL BTEX	ND	ug/L	6.0	1		08/31/20 15:58			
2-Butanone (MEK)	ND	ug/L	10.0	1		08/31/20 15:58	78-93-3		
Carbon disulfide	ND	ug/L	1.0	1		08/31/20 15:58	75-15-0		
Carbon tetrachloride	ND	ug/L	1.0	1		08/31/20 15:58	56-23-5		
Chlorobenzene	ND	ug/L	1.0	1		08/31/20 15:58	108-90-7		
Chloroethane	23.9	ug/L	1.0	1		08/31/20 15:58	75-00-3		
Chloroform	ND	ug/L	1.0	1		08/31/20 15:58	67-66-3		
Chloromethane	ND	ug/L	1.0	1		08/31/20 15:58	74-87-3		
Dibromochloromethane	ND	ug/L	1.0	1		08/31/20 15:58	124-48-1		
1,2-Dichlorobenzene	5.1	ug/L	1.0	1		08/31/20 15:58	95-50-1		
1,3-Dichlorobenzene	1.1	ug/L	1.0	1		08/31/20 15:58	541-73-1		
1,4-Dichlorobenzene	1.7	ug/L	1.0	1		08/31/20 15:58	106-46-7		
1,1-Dichloroethane	29.3	ug/L	1.0	1		08/31/20 15:58	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	1		08/31/20 15:58	107-06-2		
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/31/20 15:58	540-59-0		
1,1-Dichloroethene	52.8	ug/L	1.0	1		08/31/20 15:58	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/31/20 15:58	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/31/20 15:58	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	1		08/31/20 15:58	78-87-5		
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/31/20 15:58	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/31/20 15:58	10061-02-6		
Ethylbenzene	ND	ug/L	1.0	1		08/31/20 15:58	100-41-4		
2-Hexanone	ND	ug/L	10.0	1		08/31/20 15:58	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/31/20 15:58	98-82-8		
Methylene Chloride	ND	ug/L	1.0	1		08/31/20 15:58	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		08/31/20 15:58	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/31/20 15:58	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		08/31/20 15:58	91-20-3		
Styrene	ND	ug/L	1.0	1		08/31/20 15:58	100-42-5		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/31/20 15:58	79-34-5		
Tetrachloroethene	ND	ug/L	1.0	1		08/31/20 15:58	127-18-4		
Toluene	ND	ug/L	1.0	1		08/31/20 15:58	108-88-3		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/31/20 15:58	120-82-1		
1,1,1-Trichloroethane	27.8	ug/L	1.0	1		08/31/20 15:58	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/31/20 15:58	79-00-5		
Trichloroethene	ND	ug/L	1.0	1		08/31/20 15:58	79-01-6		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/31/20 15:58	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/31/20 15:58	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		08/31/20 15:58	75-01-4		
Xylene (Total)	ND	ug/L	3.0	1		08/31/20 15:58	1330-20-7		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 08020-000031.00

Pace Project No.: 30379935

Sample: MW-2		Lab ID: 30379935002		Collected: 08/26/20 14:50		Received: 08/29/20 11:20		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV		Analytical Method: EPA 8260B Pace Analytical Services - Greensburg							
m&p-Xylene	ND	ug/L	2.0	1			08/31/20 15:58	179601-23-1	
o-Xylene	ND	ug/L	1.0	1			08/31/20 15:58	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%.	70-130	1			08/31/20 15:58	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%.	70-130	1			08/31/20 15:58	17060-07-0	
Toluene-d8 (S)	96	%.	70-130	1			08/31/20 15:58	2037-26-5	
Dibromofluoromethane (S)	107	%.	70-130	1			08/31/20 15:58	1868-53-7	

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ANALYTICAL RESULTS

Project: 08020-000031.00

Pace Project No.: 30379935

Sample: MW-2D		Lab ID: 30379935003	Collected: 08/27/20 09:20	Received: 08/29/20 11:20	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV		Analytical Method: EPA 8260B Pace Analytical Services - Greensburg						
Acetone	ND	ug/L	10.0	1		08/31/20 16:23	67-64-1	
Benzene	ND	ug/L	1.0	1		08/31/20 16:23	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		08/31/20 16:23	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/31/20 16:23	75-27-4	
Bromoform	ND	ug/L	1.0	1		08/31/20 16:23	75-25-2	
Bromomethane	ND	ug/L	1.0	1		08/31/20 16:23	74-83-9	
TOTAL BTEX	ND	ug/L	6.0	1		08/31/20 16:23		
2-Butanone (MEK)	ND	ug/L	10.0	1		08/31/20 16:23	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		08/31/20 16:23	75-15-0	L2
Carbon tetrachloride	ND	ug/L	1.0	1		08/31/20 16:23	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/31/20 16:23	108-90-7	
Chloroethane	ND	ug/L	1.0	1		08/31/20 16:23	75-00-3	
Chloroform	ND	ug/L	1.0	1		08/31/20 16:23	67-66-3	
Chloromethane	ND	ug/L	1.0	1		08/31/20 16:23	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		08/31/20 16:23	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 16:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 16:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 16:23	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/31/20 16:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/31/20 16:23	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/31/20 16:23	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/31/20 16:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/31/20 16:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/31/20 16:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/31/20 16:23	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/31/20 16:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/31/20 16:23	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		08/31/20 16:23	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		08/31/20 16:23	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/31/20 16:23	98-82-8	
Methylene Chloride	ND	ug/L	1.0	1		08/31/20 16:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		08/31/20 16:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/31/20 16:23	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		08/31/20 16:23	91-20-3	
Styrene	ND	ug/L	1.0	1		08/31/20 16:23	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/31/20 16:23	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		08/31/20 16:23	127-18-4	
Toluene	ND	ug/L	1.0	1		08/31/20 16:23	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/31/20 16:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/31/20 16:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/31/20 16:23	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		08/31/20 16:23	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/31/20 16:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/31/20 16:23	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		08/31/20 16:23	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		08/31/20 16:23	1330-20-7	

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ANALYTICAL RESULTS

Project: 08020-000031.00

Pace Project No.: 30379935

Sample: MW-2D		Lab ID: 30379935003		Collected: 08/27/20 09:20		Received: 08/29/20 11:20		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV		Analytical Method: EPA 8260B Pace Analytical Services - Greensburg							
m&p-Xylene		ND	ug/L	2.0	1		08/31/20 16:23	179601-23-1	
o-Xylene		ND	ug/L	1.0	1		08/31/20 16:23	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)		102	%.	70-130	1		08/31/20 16:23	460-00-4	
1,2-Dichloroethane-d4 (S)		103	%.	70-130	1		08/31/20 16:23	17060-07-0	
Toluene-d8 (S)		96	%.	70-130	1		08/31/20 16:23	2037-26-5	
Dibromofluoromethane (S)		103	%.	70-130	1		08/31/20 16:23	1868-53-7	

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ANALYTICAL RESULTS

Project: 08020-000031.00

Pace Project No.: 30379935

Sample: MW-3		Lab ID: 30379935004		Collected: 08/26/20 16:00		Received: 08/29/20 11:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV		Analytical Method: EPA 8260B Pace Analytical Services - Greensburg							
Acetone	ND	ug/L	10.0	1		08/31/20 16:48	67-64-1	L2	
Benzene	ND	ug/L	1.0	1		08/31/20 16:48	71-43-2		
Bromochloromethane	ND	ug/L	1.0	1		08/31/20 16:48	74-97-5		
Bromodichloromethane	ND	ug/L	1.0	1		08/31/20 16:48	75-27-4		
Bromoform	ND	ug/L	1.0	1		08/31/20 16:48	75-25-2		
Bromomethane	ND	ug/L	1.0	1		08/31/20 16:48	74-83-9		
TOTAL BTEX	ND	ug/L	6.0	1		08/31/20 16:48			
2-Butanone (MEK)	ND	ug/L	10.0	1		08/31/20 16:48	78-93-3		
Carbon disulfide	ND	ug/L	1.0	1		08/31/20 16:48	75-15-0		
Carbon tetrachloride	ND	ug/L	1.0	1		08/31/20 16:48	56-23-5		
Chlorobenzene	ND	ug/L	1.0	1		08/31/20 16:48	108-90-7		
Chloroethane	14.6	ug/L	1.0	1		08/31/20 16:48	75-00-3		
Chloroform	ND	ug/L	1.0	1		08/31/20 16:48	67-66-3		
Chloromethane	ND	ug/L	1.0	1		08/31/20 16:48	74-87-3		
Dibromochloromethane	ND	ug/L	1.0	1		08/31/20 16:48	124-48-1		
1,2-Dichlorobenzene	1.9	ug/L	1.0	1		08/31/20 16:48	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 16:48	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 16:48	106-46-7		
1,1-Dichloroethane	4.4	ug/L	1.0	1		08/31/20 16:48	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	1		08/31/20 16:48	107-06-2		
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/31/20 16:48	540-59-0		
1,1-Dichloroethene	79.8	ug/L	1.0	1		08/31/20 16:48	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/31/20 16:48	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/31/20 16:48	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	1		08/31/20 16:48	78-87-5		
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/31/20 16:48	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/31/20 16:48	10061-02-6		
Ethylbenzene	ND	ug/L	1.0	1		08/31/20 16:48	100-41-4		
2-Hexanone	ND	ug/L	10.0	1		08/31/20 16:48	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/31/20 16:48	98-82-8		
Methylene Chloride	ND	ug/L	1.0	1		08/31/20 16:48	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		08/31/20 16:48	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/31/20 16:48	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		08/31/20 16:48	91-20-3		
Styrene	ND	ug/L	1.0	1		08/31/20 16:48	100-42-5		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/31/20 16:48	79-34-5		
Tetrachloroethene	ND	ug/L	1.0	1		08/31/20 16:48	127-18-4		
Toluene	ND	ug/L	1.0	1		08/31/20 16:48	108-88-3		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/31/20 16:48	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/31/20 16:48	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/31/20 16:48	79-00-5		
Trichloroethene	ND	ug/L	1.0	1		08/31/20 16:48	79-01-6		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/31/20 16:48	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/31/20 16:48	108-67-8		
Vinyl chloride	1.7	ug/L	1.0	1		08/31/20 16:48	75-01-4		
Xylene (Total)	ND	ug/L	3.0	1		08/31/20 16:48	1330-20-7		

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ANALYTICAL RESULTS

Project: 08020-000031.00

Pace Project No.: 30379935

Sample: MW-3		Lab ID: 30379935004		Collected: 08/26/20 16:00		Received: 08/29/20 11:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV		Analytical Method: EPA 8260B Pace Analytical Services - Greensburg							
m&p-Xylene	ND	ug/L	2.0	1		08/31/20 16:48	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		08/31/20 16:48	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	104	%.	70-130	1		08/31/20 16:48	460-00-4		
1,2-Dichloroethane-d4 (S)	106	%.	70-130	1		08/31/20 16:48	17060-07-0		
Toluene-d8 (S)	96	%.	70-130	1		08/31/20 16:48	2037-26-5		
Dibromofluoromethane (S)	105	%.	70-130	1		08/31/20 16:48	1868-53-7		

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ANALYTICAL RESULTS

Project: 08020-000031.00

Pace Project No.: 30379935

Sample: MW-7		Lab ID: 30379935005		Collected: 08/27/20 08:15		Received: 08/29/20 11:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV		Analytical Method: EPA 8260B							
		Pace Analytical Services - Greensburg							
Acetone	ND	ug/L	10.0	1		08/31/20 17:13	67-64-1	L2	
Benzene	ND	ug/L	1.0	1		08/31/20 17:13	71-43-2		
Bromochloromethane	ND	ug/L	1.0	1		08/31/20 17:13	74-97-5		
Bromodichloromethane	ND	ug/L	1.0	1		08/31/20 17:13	75-27-4		
Bromoform	ND	ug/L	1.0	1		08/31/20 17:13	75-25-2		
Bromomethane	ND	ug/L	1.0	1		08/31/20 17:13	74-83-9		
TOTAL BTEX	ND	ug/L	6.0	1		08/31/20 17:13			
2-Butanone (MEK)	ND	ug/L	10.0	1		08/31/20 17:13	78-93-3		
Carbon disulfide	ND	ug/L	1.0	1		08/31/20 17:13	75-15-0		
Carbon tetrachloride	ND	ug/L	1.0	1		08/31/20 17:13	56-23-5		
Chlorobenzene	ND	ug/L	1.0	1		08/31/20 17:13	108-90-7		
Chloroethane	ND	ug/L	1.0	1		08/31/20 17:13	75-00-3		
Chloroform	ND	ug/L	1.0	1		08/31/20 17:13	67-66-3		
Chloromethane	ND	ug/L	1.0	1		08/31/20 17:13	74-87-3		
Dibromochloromethane	ND	ug/L	1.0	1		08/31/20 17:13	124-48-1		
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 17:13	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 17:13	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 17:13	106-46-7		
1,1-Dichloroethane	3.1	ug/L	1.0	1		08/31/20 17:13	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	1		08/31/20 17:13	107-06-2		
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/31/20 17:13	540-59-0		
1,1-Dichloroethene	2.1	ug/L	1.0	1		08/31/20 17:13	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/31/20 17:13	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/31/20 17:13	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	1		08/31/20 17:13	78-87-5		
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/31/20 17:13	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/31/20 17:13	10061-02-6		
Ethylbenzene	ND	ug/L	1.0	1		08/31/20 17:13	100-41-4		
2-Hexanone	ND	ug/L	10.0	1		08/31/20 17:13	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/31/20 17:13	98-82-8		
Methylene Chloride	ND	ug/L	1.0	1		08/31/20 17:13	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		08/31/20 17:13	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/31/20 17:13	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		08/31/20 17:13	91-20-3		
Styrene	ND	ug/L	1.0	1		08/31/20 17:13	100-42-5		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/31/20 17:13	79-34-5		
Tetrachloroethene	ND	ug/L	1.0	1		08/31/20 17:13	127-18-4		
Toluene	ND	ug/L	1.0	1		08/31/20 17:13	108-88-3		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/31/20 17:13	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/31/20 17:13	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/31/20 17:13	79-00-5		
Trichloroethene	ND	ug/L	1.0	1		08/31/20 17:13	79-01-6		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/31/20 17:13	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/31/20 17:13	108-67-8		
Vinyl chloride	4.3	ug/L	1.0	1		08/31/20 17:13	75-01-4		
Xylene (Total)	ND	ug/L	3.0	1		08/31/20 17:13	1330-20-7		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 08020-000031.00

Pace Project No.: 30379935

Sample: MW-7		Lab ID: 30379935005		Collected: 08/27/20 08:15		Received: 08/29/20 11:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV		Analytical Method: EPA 8260B Pace Analytical Services - Greensburg							
m&p-Xylene	ND	ug/L	2.0	1		08/31/20 17:13	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		08/31/20 17:13	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	102	%.	70-130	1		08/31/20 17:13	460-00-4		
1,2-Dichloroethane-d4 (S)	102	%.	70-130	1		08/31/20 17:13	17060-07-0		
Toluene-d8 (S)	95	%.	70-130	1		08/31/20 17:13	2037-26-5		
Dibromofluoromethane (S)	103	%.	70-130	1		08/31/20 17:13	1868-53-7		

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ANALYTICAL RESULTS

Project: 08020-000031.00

Pace Project No.: 30379935

Sample: MW-8		Lab ID: 30379935006		Collected: 08/27/20 11:10		Received: 08/29/20 11:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV		Analytical Method: EPA 8260B Pace Analytical Services - Greensburg							
Acetone	ND	ug/L	10.0	1		08/31/20 17:39	67-64-1	L2	
Benzene	ND	ug/L	1.0	1		08/31/20 17:39	71-43-2		
Bromochloromethane	ND	ug/L	1.0	1		08/31/20 17:39	74-97-5		
Bromodichloromethane	ND	ug/L	1.0	1		08/31/20 17:39	75-27-4		
Bromoform	ND	ug/L	1.0	1		08/31/20 17:39	75-25-2		
Bromomethane	ND	ug/L	1.0	1		08/31/20 17:39	74-83-9		
TOTAL BTEX	ND	ug/L	6.0	1		08/31/20 17:39			
2-Butanone (MEK)	ND	ug/L	10.0	1		08/31/20 17:39	78-93-3		
Carbon disulfide	ND	ug/L	1.0	1		08/31/20 17:39	75-15-0		
Carbon tetrachloride	ND	ug/L	1.0	1		08/31/20 17:39	56-23-5		
Chlorobenzene	ND	ug/L	1.0	1		08/31/20 17:39	108-90-7		
Chloroethane	ND	ug/L	1.0	1		08/31/20 17:39	75-00-3		
Chloroform	ND	ug/L	1.0	1		08/31/20 17:39	67-66-3		
Chloromethane	ND	ug/L	1.0	1		08/31/20 17:39	74-87-3		
Dibromochloromethane	ND	ug/L	1.0	1		08/31/20 17:39	124-48-1		
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 17:39	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 17:39	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 17:39	106-46-7		
1,1-Dichloroethane	6.3	ug/L	1.0	1		08/31/20 17:39	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	1		08/31/20 17:39	107-06-2		
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/31/20 17:39	540-59-0		
1,1-Dichloroethene	15.5	ug/L	1.0	1		08/31/20 17:39	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/31/20 17:39	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/31/20 17:39	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	1		08/31/20 17:39	78-87-5		
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/31/20 17:39	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/31/20 17:39	10061-02-6		
Ethylbenzene	ND	ug/L	1.0	1		08/31/20 17:39	100-41-4		
2-Hexanone	ND	ug/L	10.0	1		08/31/20 17:39	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/31/20 17:39	98-82-8		
Methylene Chloride	ND	ug/L	1.0	1		08/31/20 17:39	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		08/31/20 17:39	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/31/20 17:39	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		08/31/20 17:39	91-20-3		
Styrene	ND	ug/L	1.0	1		08/31/20 17:39	100-42-5		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/31/20 17:39	79-34-5		
Tetrachloroethene	ND	ug/L	1.0	1		08/31/20 17:39	127-18-4		
Toluene	ND	ug/L	1.0	1		08/31/20 17:39	108-88-3		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/31/20 17:39	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/31/20 17:39	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/31/20 17:39	79-00-5		
Trichloroethene	ND	ug/L	1.0	1		08/31/20 17:39	79-01-6		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/31/20 17:39	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/31/20 17:39	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		08/31/20 17:39	75-01-4		
Xylene (Total)	ND	ug/L	3.0	1		08/31/20 17:39	1330-20-7		

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ANALYTICAL RESULTS

Project: 08020-000031.00

Pace Project No.: 30379935

Sample: MW-8		Lab ID: 30379935006		Collected: 08/27/20 11:10		Received: 08/29/20 11:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV		Analytical Method: EPA 8260B Pace Analytical Services - Greensburg							
m&p-Xylene	ND	ug/L	2.0	1		08/31/20 17:39	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		08/31/20 17:39	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	101	%.	70-130	1		08/31/20 17:39	460-00-4		
1,2-Dichloroethane-d4 (S)	104	%.	70-130	1		08/31/20 17:39	17060-07-0		
Toluene-d8 (S)	96	%.	70-130	1		08/31/20 17:39	2037-26-5		
Dibromofluoromethane (S)	103	%.	70-130	1		08/31/20 17:39	1868-53-7		

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ANALYTICAL RESULTS

Project: 08020-000031.00

Pace Project No.: 30379935

Sample: MW-9		Lab ID: 30379935007		Collected: 08/27/20 10:05		Received: 08/29/20 11:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV		Analytical Method: EPA 8260B							
		Pace Analytical Services - Greensburg							
Acetone	ND	ug/L	10.0	1		08/31/20 18:04	67-64-1	L2	
Benzene	ND	ug/L	1.0	1		08/31/20 18:04	71-43-2		
Bromochloromethane	ND	ug/L	1.0	1		08/31/20 18:04	74-97-5		
Bromodichloromethane	ND	ug/L	1.0	1		08/31/20 18:04	75-27-4		
Bromoform	ND	ug/L	1.0	1		08/31/20 18:04	75-25-2		
Bromomethane	ND	ug/L	1.0	1		08/31/20 18:04	74-83-9		
TOTAL BTEX	ND	ug/L	6.0	1		08/31/20 18:04			
2-Butanone (MEK)	ND	ug/L	10.0	1		08/31/20 18:04	78-93-3		
Carbon disulfide	ND	ug/L	1.0	1		08/31/20 18:04	75-15-0		
Carbon tetrachloride	ND	ug/L	1.0	1		08/31/20 18:04	56-23-5		
Chlorobenzene	ND	ug/L	1.0	1		08/31/20 18:04	108-90-7		
Chloroethane	ND	ug/L	1.0	1		08/31/20 18:04	75-00-3		
Chloroform	ND	ug/L	1.0	1		08/31/20 18:04	67-66-3		
Chloromethane	ND	ug/L	1.0	1		08/31/20 18:04	74-87-3		
Dibromochloromethane	ND	ug/L	1.0	1		08/31/20 18:04	124-48-1		
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 18:04	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 18:04	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 18:04	106-46-7		
1,1-Dichloroethane	142	ug/L	1.0	1		08/31/20 18:04	75-34-3		
1,2-Dichloroethane	4.1	ug/L	1.0	1		08/31/20 18:04	107-06-2		
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/31/20 18:04	540-59-0		
1,1-Dichloroethene	163	ug/L	1.0	1		08/31/20 18:04	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/31/20 18:04	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/31/20 18:04	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	1		08/31/20 18:04	78-87-5		
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/31/20 18:04	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/31/20 18:04	10061-02-6		
Ethylbenzene	ND	ug/L	1.0	1		08/31/20 18:04	100-41-4		
2-Hexanone	ND	ug/L	10.0	1		08/31/20 18:04	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/31/20 18:04	98-82-8		
Methylene Chloride	ND	ug/L	1.0	1		08/31/20 18:04	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		08/31/20 18:04	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/31/20 18:04	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		08/31/20 18:04	91-20-3		
Styrene	ND	ug/L	1.0	1		08/31/20 18:04	100-42-5		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/31/20 18:04	79-34-5		
Tetrachloroethene	ND	ug/L	1.0	1		08/31/20 18:04	127-18-4		
Toluene	ND	ug/L	1.0	1		08/31/20 18:04	108-88-3		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/31/20 18:04	120-82-1		
1,1,1-Trichloroethane	8.2	ug/L	1.0	1		08/31/20 18:04	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/31/20 18:04	79-00-5		
Trichloroethene	ND	ug/L	1.0	1		08/31/20 18:04	79-01-6		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/31/20 18:04	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/31/20 18:04	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		08/31/20 18:04	75-01-4		
Xylene (Total)	ND	ug/L	3.0	1		08/31/20 18:04	1330-20-7		

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ANALYTICAL RESULTS

Project: 08020-000031.00

Pace Project No.: 30379935

Sample: MW-9		Lab ID: 30379935007		Collected: 08/27/20 10:05		Received: 08/29/20 11:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV		Analytical Method: EPA 8260B Pace Analytical Services - Greensburg							
m&p-Xylene	ND	ug/L	2.0	1		08/31/20 18:04	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		08/31/20 18:04	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	100	%.	70-130	1		08/31/20 18:04	460-00-4		
1,2-Dichloroethane-d4 (S)	104	%.	70-130	1		08/31/20 18:04	17060-07-0		
Toluene-d8 (S)	96	%.	70-130	1		08/31/20 18:04	2037-26-5		
Dibromofluoromethane (S)	108	%.	70-130	1		08/31/20 18:04	1868-53-7		

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ANALYTICAL RESULTS

Project: 08020-000031.00

Pace Project No.: 30379935

Sample: MW-10		Lab ID: 30379935008		Collected: 08/27/20 10:40		Received: 08/29/20 11:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV		Analytical Method: EPA 8260B Pace Analytical Services - Greensburg							
Acetone	ND	ug/L	10.0	1		08/31/20 18:29	67-64-1	L2	
Benzene	ND	ug/L	1.0	1		08/31/20 18:29	71-43-2		
Bromochloromethane	ND	ug/L	1.0	1		08/31/20 18:29	74-97-5		
Bromodichloromethane	ND	ug/L	1.0	1		08/31/20 18:29	75-27-4		
Bromoform	ND	ug/L	1.0	1		08/31/20 18:29	75-25-2		
Bromomethane	ND	ug/L	1.0	1		08/31/20 18:29	74-83-9		
TOTAL BTEX	ND	ug/L	6.0	1		08/31/20 18:29			
2-Butanone (MEK)	ND	ug/L	10.0	1		08/31/20 18:29	78-93-3		
Carbon disulfide	ND	ug/L	1.0	1		08/31/20 18:29	75-15-0		
Carbon tetrachloride	ND	ug/L	1.0	1		08/31/20 18:29	56-23-5		
Chlorobenzene	ND	ug/L	1.0	1		08/31/20 18:29	108-90-7		
Chloroethane	ND	ug/L	1.0	1		08/31/20 18:29	75-00-3		
Chloroform	ND	ug/L	1.0	1		08/31/20 18:29	67-66-3		
Chloromethane	ND	ug/L	1.0	1		08/31/20 18:29	74-87-3		
Dibromochloromethane	ND	ug/L	1.0	1		08/31/20 18:29	124-48-1		
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 18:29	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 18:29	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 18:29	106-46-7		
1,1-Dichloroethane	59.7	ug/L	1.0	1		08/31/20 18:29	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	1		08/31/20 18:29	107-06-2		
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/31/20 18:29	540-59-0		
1,1-Dichloroethene	9.6	ug/L	1.0	1		08/31/20 18:29	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/31/20 18:29	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/31/20 18:29	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	1		08/31/20 18:29	78-87-5		
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/31/20 18:29	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/31/20 18:29	10061-02-6		
Ethylbenzene	ND	ug/L	1.0	1		08/31/20 18:29	100-41-4		
2-Hexanone	ND	ug/L	10.0	1		08/31/20 18:29	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/31/20 18:29	98-82-8		
Methylene Chloride	ND	ug/L	1.0	1		08/31/20 18:29	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		08/31/20 18:29	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/31/20 18:29	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		08/31/20 18:29	91-20-3		
Styrene	ND	ug/L	1.0	1		08/31/20 18:29	100-42-5		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/31/20 18:29	79-34-5		
Tetrachloroethene	ND	ug/L	1.0	1		08/31/20 18:29	127-18-4		
Toluene	ND	ug/L	1.0	1		08/31/20 18:29	108-88-3		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/31/20 18:29	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/31/20 18:29	71-55-6		
1,1,2-Trichloroethane	2.1	ug/L	1.0	1		08/31/20 18:29	79-00-5		
Trichloroethene	ND	ug/L	1.0	1		08/31/20 18:29	79-01-6		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/31/20 18:29	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/31/20 18:29	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		08/31/20 18:29	75-01-4		
Xylene (Total)	ND	ug/L	3.0	1		08/31/20 18:29	1330-20-7		

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ANALYTICAL RESULTS

Project: 08020-000031.00

Pace Project No.: 30379935

Sample: MW-10		Lab ID: 30379935008		Collected: 08/27/20 10:40		Received: 08/29/20 11:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV		Analytical Method: EPA 8260B Pace Analytical Services - Greensburg							
m&p-Xylene	ND	ug/L	2.0	1		08/31/20 18:29	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		08/31/20 18:29	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	100	%.	70-130	1		08/31/20 18:29	460-00-4		
1,2-Dichloroethane-d4 (S)	107	%.	70-130	1		08/31/20 18:29	17060-07-0		
Toluene-d8 (S)	98	%.	70-130	1		08/31/20 18:29	2037-26-5		
Dibromofluoromethane (S)	104	%.	70-130	1		08/31/20 18:29	1868-53-7		

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ANALYTICAL RESULTS

Project: 08020-000031.00

Pace Project No.: 30379935

Sample: MW-11		Lab ID: 30379935009		Collected: 08/26/20 12:40		Received: 08/29/20 11:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV	Analytical Method: EPA 8260B								
	Pace Analytical Services - Greensburg								
Acetone	ND	ug/L	10.0	1		08/31/20 18:54	67-64-1	L2	
Benzene	ND	ug/L	1.0	1		08/31/20 18:54	71-43-2		
Bromochloromethane	ND	ug/L	1.0	1		08/31/20 18:54	74-97-5		
Bromodichloromethane	ND	ug/L	1.0	1		08/31/20 18:54	75-27-4		
Bromoform	ND	ug/L	1.0	1		08/31/20 18:54	75-25-2		
Bromomethane	ND	ug/L	1.0	1		08/31/20 18:54	74-83-9		
TOTAL BTEX	ND	ug/L	6.0	1		08/31/20 18:54			
2-Butanone (MEK)	ND	ug/L	10.0	1		08/31/20 18:54	78-93-3		
Carbon disulfide	ND	ug/L	1.0	1		08/31/20 18:54	75-15-0		
Carbon tetrachloride	ND	ug/L	1.0	1		08/31/20 18:54	56-23-5		
Chlorobenzene	ND	ug/L	1.0	1		08/31/20 18:54	108-90-7		
Chloroethane	ND	ug/L	1.0	1		08/31/20 18:54	75-00-3		
Chloroform	ND	ug/L	1.0	1		08/31/20 18:54	67-66-3		
Chloromethane	ND	ug/L	1.0	1		08/31/20 18:54	74-87-3		
Dibromochloromethane	ND	ug/L	1.0	1		08/31/20 18:54	124-48-1		
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 18:54	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 18:54	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 18:54	106-46-7		
1,1-Dichloroethane	ND	ug/L	1.0	1		08/31/20 18:54	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	1		08/31/20 18:54	107-06-2		
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/31/20 18:54	540-59-0		
1,1-Dichloroethene	ND	ug/L	1.0	1		08/31/20 18:54	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/31/20 18:54	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/31/20 18:54	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	1		08/31/20 18:54	78-87-5		
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/31/20 18:54	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/31/20 18:54	10061-02-6		
Ethylbenzene	ND	ug/L	1.0	1		08/31/20 18:54	100-41-4		
2-Hexanone	ND	ug/L	10.0	1		08/31/20 18:54	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/31/20 18:54	98-82-8		
Methylene Chloride	ND	ug/L	1.0	1		08/31/20 18:54	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		08/31/20 18:54	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/31/20 18:54	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		08/31/20 18:54	91-20-3		
Styrene	ND	ug/L	1.0	1		08/31/20 18:54	100-42-5		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/31/20 18:54	79-34-5		
Tetrachloroethene	ND	ug/L	1.0	1		08/31/20 18:54	127-18-4		
Toluene	ND	ug/L	1.0	1		08/31/20 18:54	108-88-3		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/31/20 18:54	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/31/20 18:54	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/31/20 18:54	79-00-5		
Trichloroethene	ND	ug/L	1.0	1		08/31/20 18:54	79-01-6		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/31/20 18:54	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/31/20 18:54	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		08/31/20 18:54	75-01-4		
Xylene (Total)	ND	ug/L	3.0	1		08/31/20 18:54	1330-20-7		

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ANALYTICAL RESULTS

Project: 08020-000031.00

Pace Project No.: 30379935

Sample: MW-11		Lab ID: 30379935009		Collected: 08/26/20 12:40		Received: 08/29/20 11:20		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV		Analytical Method: EPA 8260B Pace Analytical Services - Greensburg							
m&p-Xylene	ND	ug/L	2.0	1		08/31/20 18:54	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		08/31/20 18:54	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	100	%.	70-130	1		08/31/20 18:54	460-00-4		
1,2-Dichloroethane-d4 (S)	106	%.	70-130	1		08/31/20 18:54	17060-07-0		
Toluene-d8 (S)	95	%.	70-130	1		08/31/20 18:54	2037-26-5		
Dibromofluoromethane (S)	105	%.	70-130	1		08/31/20 18:54	1868-53-7		

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ANALYTICAL RESULTS

Project: 08020-000031.00

Pace Project No.: 30379935

Sample: MW-12		Lab ID: 30379935010		Collected: 08/26/20 13:45		Received: 08/29/20 11:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV		Analytical Method: EPA 8260B Pace Analytical Services - Greensburg							
Acetone	ND	ug/L	10.0	1		08/31/20 19:19	67-64-1	L2	
Benzene	ND	ug/L	1.0	1		08/31/20 19:19	71-43-2		
Bromochloromethane	ND	ug/L	1.0	1		08/31/20 19:19	74-97-5		
Bromodichloromethane	ND	ug/L	1.0	1		08/31/20 19:19	75-27-4		
Bromoform	ND	ug/L	1.0	1		08/31/20 19:19	75-25-2		
Bromomethane	ND	ug/L	1.0	1		08/31/20 19:19	74-83-9		
TOTAL BTEX	ND	ug/L	6.0	1		08/31/20 19:19			
2-Butanone (MEK)	ND	ug/L	10.0	1		08/31/20 19:19	78-93-3		
Carbon disulfide	ND	ug/L	1.0	1		08/31/20 19:19	75-15-0		
Carbon tetrachloride	ND	ug/L	1.0	1		08/31/20 19:19	56-23-5		
Chlorobenzene	ND	ug/L	1.0	1		08/31/20 19:19	108-90-7		
Chloroethane	3.3	ug/L	1.0	1		08/31/20 19:19	75-00-3		
Chloroform	ND	ug/L	1.0	1		08/31/20 19:19	67-66-3		
Chloromethane	ND	ug/L	1.0	1		08/31/20 19:19	74-87-3		
Dibromochloromethane	ND	ug/L	1.0	1		08/31/20 19:19	124-48-1		
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 19:19	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 19:19	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 19:19	106-46-7		
1,1-Dichloroethane	2.5	ug/L	1.0	1		08/31/20 19:19	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	1		08/31/20 19:19	107-06-2		
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/31/20 19:19	540-59-0		
1,1-Dichloroethene	3.4	ug/L	1.0	1		08/31/20 19:19	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/31/20 19:19	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/31/20 19:19	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	1		08/31/20 19:19	78-87-5		
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/31/20 19:19	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/31/20 19:19	10061-02-6		
Ethylbenzene	ND	ug/L	1.0	1		08/31/20 19:19	100-41-4		
2-Hexanone	ND	ug/L	10.0	1		08/31/20 19:19	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/31/20 19:19	98-82-8		
Methylene Chloride	ND	ug/L	1.0	1		08/31/20 19:19	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		08/31/20 19:19	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/31/20 19:19	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		08/31/20 19:19	91-20-3		
Styrene	ND	ug/L	1.0	1		08/31/20 19:19	100-42-5		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/31/20 19:19	79-34-5		
Tetrachloroethene	ND	ug/L	1.0	1		08/31/20 19:19	127-18-4		
Toluene	ND	ug/L	1.0	1		08/31/20 19:19	108-88-3		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/31/20 19:19	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/31/20 19:19	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/31/20 19:19	79-00-5		
Trichloroethene	ND	ug/L	1.0	1		08/31/20 19:19	79-01-6		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/31/20 19:19	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/31/20 19:19	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		08/31/20 19:19	75-01-4		
Xylene (Total)	ND	ug/L	3.0	1		08/31/20 19:19	1330-20-7		

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ANALYTICAL RESULTS

Project: 08020-000031.00

Pace Project No.: 30379935

Sample: MW-12		Lab ID: 30379935010		Collected: 08/26/20 13:45		Received: 08/29/20 11:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV		Analytical Method: EPA 8260B Pace Analytical Services - Greensburg							
m&p-Xylene	ND	ug/L	2.0	1		08/31/20 19:19	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		08/31/20 19:19	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	102	%.	70-130	1		08/31/20 19:19	460-00-4		
1,2-Dichloroethane-d4 (S)	106	%.	70-130	1		08/31/20 19:19	17060-07-0		
Toluene-d8 (S)	95	%.	70-130	1		08/31/20 19:19	2037-26-5		
Dibromofluoromethane (S)	105	%.	70-130	1		08/31/20 19:19	1868-53-7		

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ANALYTICAL RESULTS

Project: 08020-000031.00

Pace Project No.: 30379935

Sample: MW-13		Lab ID: 30379935011		Collected: 08/26/20 15:25		Received: 08/29/20 11:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV		Analytical Method: EPA 8260B Pace Analytical Services - Greensburg							
Acetone	ND	ug/L	10.0	1		08/31/20 19:44	67-64-1	L2	
Benzene	ND	ug/L	1.0	1		08/31/20 19:44	71-43-2		
Bromochloromethane	ND	ug/L	1.0	1		08/31/20 19:44	74-97-5		
Bromodichloromethane	ND	ug/L	1.0	1		08/31/20 19:44	75-27-4		
Bromoform	ND	ug/L	1.0	1		08/31/20 19:44	75-25-2		
Bromomethane	ND	ug/L	1.0	1		08/31/20 19:44	74-83-9		
TOTAL BTEX	ND	ug/L	6.0	1		08/31/20 19:44			
2-Butanone (MEK)	ND	ug/L	10.0	1		08/31/20 19:44	78-93-3		
Carbon disulfide	ND	ug/L	1.0	1		08/31/20 19:44	75-15-0		
Carbon tetrachloride	ND	ug/L	1.0	1		08/31/20 19:44	56-23-5		
Chlorobenzene	ND	ug/L	1.0	1		08/31/20 19:44	108-90-7		
Chloroethane	576	ug/L	5.0	5		09/01/20 13:40	75-00-3		
Chloroform	ND	ug/L	1.0	1		08/31/20 19:44	67-66-3		
Chloromethane	ND	ug/L	1.0	1		08/31/20 19:44	74-87-3		
Dibromochloromethane	ND	ug/L	1.0	1		08/31/20 19:44	124-48-1		
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 19:44	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 19:44	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 19:44	106-46-7		
1,1-Dichloroethane	20.1	ug/L	1.0	1		08/31/20 19:44	75-34-3		
1,2-Dichloroethane	1.4	ug/L	1.0	1		08/31/20 19:44	107-06-2		
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/31/20 19:44	540-59-0		
1,1-Dichloroethene	9.7	ug/L	1.0	1		08/31/20 19:44	75-35-4		
cis-1,2-Dichloroethene	1.3	ug/L	1.0	1		08/31/20 19:44	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/31/20 19:44	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	1		08/31/20 19:44	78-87-5		
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/31/20 19:44	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/31/20 19:44	10061-02-6		
Ethylbenzene	ND	ug/L	1.0	1		08/31/20 19:44	100-41-4		
2-Hexanone	ND	ug/L	10.0	1		08/31/20 19:44	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/31/20 19:44	98-82-8		
Methylene Chloride	ND	ug/L	1.0	1		08/31/20 19:44	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		08/31/20 19:44	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/31/20 19:44	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		08/31/20 19:44	91-20-3		
Styrene	ND	ug/L	1.0	1		08/31/20 19:44	100-42-5		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/31/20 19:44	79-34-5		
Tetrachloroethene	ND	ug/L	1.0	1		08/31/20 19:44	127-18-4		
Toluene	ND	ug/L	1.0	1		08/31/20 19:44	108-88-3		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/31/20 19:44	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/31/20 19:44	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/31/20 19:44	79-00-5		
Trichloroethene	ND	ug/L	1.0	1		08/31/20 19:44	79-01-6		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/31/20 19:44	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/31/20 19:44	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		08/31/20 19:44	75-01-4		
Xylene (Total)	ND	ug/L	3.0	1		08/31/20 19:44	1330-20-7		

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ANALYTICAL RESULTS

Project: 08020-000031.00

Pace Project No.: 30379935

Sample: MW-13		Lab ID: 30379935011		Collected: 08/26/20 15:25		Received: 08/29/20 11:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV		Analytical Method: EPA 8260B Pace Analytical Services - Greensburg							
m&p-Xylene	ND	ug/L	2.0	1		08/31/20 19:44	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		08/31/20 19:44	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	102	%.	70-130	1		08/31/20 19:44	460-00-4		
1,2-Dichloroethane-d4 (S)	106	%.	70-130	1		08/31/20 19:44	17060-07-0		
Toluene-d8 (S)	95	%.	70-130	1		08/31/20 19:44	2037-26-5		
Dibromofluoromethane (S)	105	%.	70-130	1		08/31/20 19:44	1868-53-7		

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ANALYTICAL RESULTS

Project: 08020-000031.00

Pace Project No.: 30379935

Sample: MW-14		Lab ID: 30379935012	Collected: 08/27/20 08:50	Received: 08/29/20 11:20	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV		Analytical Method: EPA 8260B Pace Analytical Services - Greensburg						
Acetone	ND	ug/L	10.0	1		08/31/20 20:10	67-64-1	
Benzene	ND	ug/L	1.0	1		08/31/20 20:10	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		08/31/20 20:10	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/31/20 20:10	75-27-4	
Bromoform	ND	ug/L	1.0	1		08/31/20 20:10	75-25-2	
Bromomethane	ND	ug/L	1.0	1		08/31/20 20:10	74-83-9	
TOTAL BTEX	ND	ug/L	6.0	1		08/31/20 20:10		
2-Butanone (MEK)	ND	ug/L	10.0	1		08/31/20 20:10	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		08/31/20 20:10	75-15-0	L2
Carbon tetrachloride	ND	ug/L	1.0	1		08/31/20 20:10	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/31/20 20:10	108-90-7	
Chloroethane	ND	ug/L	1.0	1		08/31/20 20:10	75-00-3	
Chloroform	ND	ug/L	1.0	1		08/31/20 20:10	67-66-3	
Chloromethane	ND	ug/L	1.0	1		08/31/20 20:10	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		08/31/20 20:10	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 20:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 20:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 20:10	106-46-7	
1,1-Dichloroethane	3.6	ug/L	1.0	1		08/31/20 20:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/31/20 20:10	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/31/20 20:10	540-59-0	
1,1-Dichloroethene	8.7	ug/L	1.0	1		08/31/20 20:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/31/20 20:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/31/20 20:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/31/20 20:10	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/31/20 20:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/31/20 20:10	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		08/31/20 20:10	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		08/31/20 20:10	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/31/20 20:10	98-82-8	
Methylene Chloride	ND	ug/L	1.0	1		08/31/20 20:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		08/31/20 20:10	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/31/20 20:10	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		08/31/20 20:10	91-20-3	
Styrene	ND	ug/L	1.0	1		08/31/20 20:10	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/31/20 20:10	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		08/31/20 20:10	127-18-4	
Toluene	ND	ug/L	1.0	1		08/31/20 20:10	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/31/20 20:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/31/20 20:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/31/20 20:10	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		08/31/20 20:10	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/31/20 20:10	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/31/20 20:10	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		08/31/20 20:10	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		08/31/20 20:10	1330-20-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 08020-000031.00

Pace Project No.: 30379935

Sample: MW-14		Lab ID: 30379935012		Collected: 08/27/20 08:50		Received: 08/29/20 11:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV		Analytical Method: EPA 8260B Pace Analytical Services - Greensburg							
m&p-Xylene	ND	ug/L	2.0	1		08/31/20 20:10	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		08/31/20 20:10	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	103	%.	70-130	1		08/31/20 20:10	460-00-4		
1,2-Dichloroethane-d4 (S)	108	%.	70-130	1		08/31/20 20:10	17060-07-0		
Toluene-d8 (S)	97	%.	70-130	1		08/31/20 20:10	2037-26-5		
Dibromofluoromethane (S)	106	%.	70-130	1		08/31/20 20:10	1868-53-7		

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ANALYTICAL RESULTS

Project: 08020-000031.00

Pace Project No.: 30379935

Sample: Field Blank 1		Lab ID: 30379935013	Collected: 08/26/20 16:10	Received: 08/29/20 11:20	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV		Analytical Method: EPA 8260B Pace Analytical Services - Greensburg						
Acetone	ND	ug/L	10.0	1		08/31/20 14:17	67-64-1	
Benzene	ND	ug/L	1.0	1		08/31/20 14:17	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		08/31/20 14:17	74-97-5	
Bromodichloromethane	1.4	ug/L	1.0	1		08/31/20 14:17	75-27-4	
Bromoform	ND	ug/L	1.0	1		08/31/20 14:17	75-25-2	
Bromomethane	ND	ug/L	1.0	1		08/31/20 14:17	74-83-9	
TOTAL BTEX	ND	ug/L	6.0	1		08/31/20 14:17		
2-Butanone (MEK)	ND	ug/L	10.0	1		08/31/20 14:17	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		08/31/20 14:17	75-15-0	L2
Carbon tetrachloride	ND	ug/L	1.0	1		08/31/20 14:17	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/31/20 14:17	108-90-7	
Chloroethane	ND	ug/L	1.0	1		08/31/20 14:17	75-00-3	
Chloroform	16.4	ug/L	1.0	1		08/31/20 14:17	67-66-3	
Chloromethane	ND	ug/L	1.0	1		08/31/20 14:17	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		08/31/20 14:17	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 14:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 14:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 14:17	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/31/20 14:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/31/20 14:17	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/31/20 14:17	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/31/20 14:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/31/20 14:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/31/20 14:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/31/20 14:17	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/31/20 14:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/31/20 14:17	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		08/31/20 14:17	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		08/31/20 14:17	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/31/20 14:17	98-82-8	
Methylene Chloride	ND	ug/L	1.0	1		08/31/20 14:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		08/31/20 14:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/31/20 14:17	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		08/31/20 14:17	91-20-3	
Styrene	ND	ug/L	1.0	1		08/31/20 14:17	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/31/20 14:17	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		08/31/20 14:17	127-18-4	
Toluene	ND	ug/L	1.0	1		08/31/20 14:17	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/31/20 14:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/31/20 14:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/31/20 14:17	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		08/31/20 14:17	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/31/20 14:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/31/20 14:17	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		08/31/20 14:17	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		08/31/20 14:17	1330-20-7	

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ANALYTICAL RESULTS

Project: 08020-000031.00

Pace Project No.: 30379935

Sample: Field Blank 1		Lab ID: 30379935013		Collected: 08/26/20 16:10		Received: 08/29/20 11:20		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV		Analytical Method: EPA 8260B Pace Analytical Services - Greensburg							
m&p-Xylene	ND	ug/L	2.0	1			08/31/20 14:17	179601-23-1	
o-Xylene	ND	ug/L	1.0	1			08/31/20 14:17	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%.	70-130	1			08/31/20 14:17	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%.	70-130	1			08/31/20 14:17	17060-07-0	
Toluene-d8 (S)	96	%.	70-130	1			08/31/20 14:17	2037-26-5	
Dibromofluoromethane (S)	103	%.	70-130	1			08/31/20 14:17	1868-53-7	

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ANALYTICAL RESULTS

Project: 08020-000031.00

Pace Project No.: 30379935

Sample: Field Blank 2		Lab ID: 30379935014		Collected: 08/27/20 11:45		Received: 08/29/20 11:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV	Analytical Method: EPA 8260B								
	Pace Analytical Services - Greensburg								
Acetone	ND	ug/L	10.0	1		08/31/20 14:42	67-64-1	L2	
Benzene	ND	ug/L	1.0	1		08/31/20 14:42	71-43-2		
Bromochloromethane	ND	ug/L	1.0	1		08/31/20 14:42	74-97-5		
Bromodichloromethane	1.4	ug/L	1.0	1		08/31/20 14:42	75-27-4		
Bromoform	ND	ug/L	1.0	1		08/31/20 14:42	75-25-2		
Bromomethane	ND	ug/L	1.0	1		08/31/20 14:42	74-83-9		
TOTAL BTEX	ND	ug/L	6.0	1		08/31/20 14:42			
2-Butanone (MEK)	ND	ug/L	10.0	1		08/31/20 14:42	78-93-3		
Carbon disulfide	ND	ug/L	1.0	1		08/31/20 14:42	75-15-0		
Carbon tetrachloride	ND	ug/L	1.0	1		08/31/20 14:42	56-23-5		
Chlorobenzene	ND	ug/L	1.0	1		08/31/20 14:42	108-90-7		
Chloroethane	ND	ug/L	1.0	1		08/31/20 14:42	75-00-3		
Chloroform	15.9	ug/L	1.0	1		08/31/20 14:42	67-66-3		
Chloromethane	ND	ug/L	1.0	1		08/31/20 14:42	74-87-3		
Dibromochloromethane	ND	ug/L	1.0	1		08/31/20 14:42	124-48-1		
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 14:42	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 14:42	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 14:42	106-46-7		
1,1-Dichloroethane	ND	ug/L	1.0	1		08/31/20 14:42	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	1		08/31/20 14:42	107-06-2		
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/31/20 14:42	540-59-0		
1,1-Dichloroethene	ND	ug/L	1.0	1		08/31/20 14:42	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/31/20 14:42	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/31/20 14:42	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	1		08/31/20 14:42	78-87-5		
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/31/20 14:42	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/31/20 14:42	10061-02-6		
Ethylbenzene	ND	ug/L	1.0	1		08/31/20 14:42	100-41-4		
2-Hexanone	ND	ug/L	10.0	1		08/31/20 14:42	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/31/20 14:42	98-82-8		
Methylene Chloride	ND	ug/L	1.0	1		08/31/20 14:42	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		08/31/20 14:42	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/31/20 14:42	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		08/31/20 14:42	91-20-3		
Styrene	ND	ug/L	1.0	1		08/31/20 14:42	100-42-5		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/31/20 14:42	79-34-5		
Tetrachloroethene	ND	ug/L	1.0	1		08/31/20 14:42	127-18-4		
Toluene	ND	ug/L	1.0	1		08/31/20 14:42	108-88-3		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/31/20 14:42	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/31/20 14:42	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/31/20 14:42	79-00-5		
Trichloroethene	ND	ug/L	1.0	1		08/31/20 14:42	79-01-6		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/31/20 14:42	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/31/20 14:42	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		08/31/20 14:42	75-01-4		
Xylene (Total)	ND	ug/L	3.0	1		08/31/20 14:42	1330-20-7		

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ANALYTICAL RESULTS

Project: 08020-000031.00

Pace Project No.: 30379935

Sample: Field Blank 2		Lab ID: 30379935014		Collected: 08/27/20 11:45		Received: 08/29/20 11:20		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV		Analytical Method: EPA 8260B Pace Analytical Services - Greensburg							
m&p-Xylene	ND	ug/L	2.0	1			08/31/20 14:42	179601-23-1	
o-Xylene	ND	ug/L	1.0	1			08/31/20 14:42	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%.	70-130	1			08/31/20 14:42	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%.	70-130	1			08/31/20 14:42	17060-07-0	
Toluene-d8 (S)	96	%.	70-130	1			08/31/20 14:42	2037-26-5	
Dibromofluoromethane (S)	109	%.	70-130	1			08/31/20 14:42	1868-53-7	

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ANALYTICAL RESULTS

Project: 08020-000031.00

Pace Project No.: 30379935

Sample: Trip Blank		Lab ID: 30379935015	Collected: 08/27/20 00:01	Received: 08/29/20 11:20	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV		Analytical Method: EPA 8260B Pace Analytical Services - Greensburg						
Acetone	ND	ug/L	10.0	1		08/31/20 13:52	67-64-1	
Benzene	ND	ug/L	1.0	1		08/31/20 13:52	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		08/31/20 13:52	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/31/20 13:52	75-27-4	
Bromoform	ND	ug/L	1.0	1		08/31/20 13:52	75-25-2	
Bromomethane	ND	ug/L	1.0	1		08/31/20 13:52	74-83-9	
TOTAL BTEX	ND	ug/L	6.0	1		08/31/20 13:52		
2-Butanone (MEK)	ND	ug/L	10.0	1		08/31/20 13:52	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		08/31/20 13:52	75-15-0	L2
Carbon tetrachloride	ND	ug/L	1.0	1		08/31/20 13:52	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/31/20 13:52	108-90-7	
Chloroethane	ND	ug/L	1.0	1		08/31/20 13:52	75-00-3	
Chloroform	ND	ug/L	1.0	1		08/31/20 13:52	67-66-3	
Chloromethane	ND	ug/L	1.0	1		08/31/20 13:52	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		08/31/20 13:52	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 13:52	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 13:52	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/31/20 13:52	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/31/20 13:52	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/31/20 13:52	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/31/20 13:52	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/31/20 13:52	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/31/20 13:52	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/31/20 13:52	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/31/20 13:52	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/31/20 13:52	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/31/20 13:52	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		08/31/20 13:52	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		08/31/20 13:52	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/31/20 13:52	98-82-8	
Methylene Chloride	ND	ug/L	1.0	1		08/31/20 13:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		08/31/20 13:52	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/31/20 13:52	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		08/31/20 13:52	91-20-3	
Styrene	ND	ug/L	1.0	1		08/31/20 13:52	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/31/20 13:52	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		08/31/20 13:52	127-18-4	
Toluene	ND	ug/L	1.0	1		08/31/20 13:52	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/31/20 13:52	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/31/20 13:52	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/31/20 13:52	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		08/31/20 13:52	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/31/20 13:52	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/31/20 13:52	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		08/31/20 13:52	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		08/31/20 13:52	1330-20-7	

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ANALYTICAL RESULTS

Project: 08020-000031.00

Pace Project No.: 30379935

Sample: Trip Blank		Lab ID: 30379935015		Collected: 08/27/20 00:01		Received: 08/29/20 11:20		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV		Analytical Method: EPA 8260B Pace Analytical Services - Greensburg							
m&p-Xylene		ND	ug/L	2.0	1		08/31/20 13:52	179601-23-1	
o-Xylene		ND	ug/L	1.0	1		08/31/20 13:52	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)		103	%.	70-130	1		08/31/20 13:52	460-00-4	
1,2-Dichloroethane-d4 (S)		107	%.	70-130	1		08/31/20 13:52	17060-07-0	
Toluene-d8 (S)		96	%.	70-130	1		08/31/20 13:52	2037-26-5	
Dibromofluoromethane (S)		105	%.	70-130	1		08/31/20 13:52	1868-53-7	

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QUALITY CONTROL DATA

Project: 08020-000031.00

Pace Project No.: 30379935

QC Batch:	411814	Analysis Method:	EPA 8260B
QC Batch Method:	EPA 8260B	Analysis Description:	8260B MSV
		Laboratory:	Pace Analytical Services - Greensburg
Associated Lab Samples:	30379935001, 30379935002, 30379935003, 30379935004, 30379935005, 30379935006, 30379935007, 30379935008, 30379935009, 30379935010, 30379935011, 30379935012, 30379935013, 30379935014, 30379935015		

METHOD BLANK: 1992045

Matrix: Water

Associated Lab Samples: 30379935001, 30379935002, 30379935003, 30379935004, 30379935005, 30379935006, 30379935007, 30379935008, 30379935009, 30379935010, 30379935011, 30379935012, 30379935013, 30379935014, 30379935015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	08/31/20 13:27	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	08/31/20 13:27	
1,1,2-Trichloroethane	ug/L	ND	1.0	08/31/20 13:27	
1,1-Dichloroethane	ug/L	ND	1.0	08/31/20 13:27	
1,1-Dichloroethene	ug/L	ND	1.0	08/31/20 13:27	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	08/31/20 13:27	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	08/31/20 13:27	
1,2-Dichlorobenzene	ug/L	ND	1.0	08/31/20 13:27	
1,2-Dichloroethane	ug/L	ND	1.0	08/31/20 13:27	
1,2-Dichloroethene (Total)	ug/L	ND	2.0	08/31/20 13:27	
1,2-Dichloropropane	ug/L	ND	1.0	08/31/20 13:27	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	08/31/20 13:27	
1,3-Dichlorobenzene	ug/L	ND	1.0	08/31/20 13:27	
1,4-Dichlorobenzene	ug/L	ND	1.0	08/31/20 13:27	
2-Butanone (MEK)	ug/L	ND	10.0	08/31/20 13:27	
2-Hexanone	ug/L	ND	10.0	08/31/20 13:27	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	08/31/20 13:27	
Acetone	ug/L	ND	10.0	08/31/20 13:27	
Benzene	ug/L	ND	1.0	08/31/20 13:27	
Bromochloromethane	ug/L	ND	1.0	08/31/20 13:27	
Bromodichloromethane	ug/L	ND	1.0	08/31/20 13:27	
Bromoform	ug/L	ND	1.0	08/31/20 13:27	
Bromomethane	ug/L	ND	1.0	08/31/20 13:27	
Carbon disulfide	ug/L	ND	1.0	08/31/20 13:27	
Carbon tetrachloride	ug/L	ND	1.0	08/31/20 13:27	
Chlorobenzene	ug/L	ND	1.0	08/31/20 13:27	
Chloroethane	ug/L	ND	1.0	08/31/20 13:27	
Chloroform	ug/L	ND	1.0	08/31/20 13:27	
Chloromethane	ug/L	ND	1.0	08/31/20 13:27	
cis-1,2-Dichloroethene	ug/L	ND	1.0	08/31/20 13:27	
cis-1,3-Dichloropropene	ug/L	ND	1.0	08/31/20 13:27	
Dibromochloromethane	ug/L	ND	1.0	08/31/20 13:27	
Ethylbenzene	ug/L	ND	1.0	08/31/20 13:27	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	08/31/20 13:27	
m&p-Xylene	ug/L	ND	2.0	08/31/20 13:27	
Methyl-tert-butyl ether	ug/L	ND	1.0	08/31/20 13:27	
Methylene Chloride	ug/L	ND	1.0	08/31/20 13:27	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 08020-000031.00

Pace Project No.: 30379935

METHOD BLANK: 1992045

Matrix: Water

Associated Lab Samples: 30379935001, 30379935002, 30379935003, 30379935004, 30379935005, 30379935006, 30379935007, 30379935008, 30379935009, 30379935010, 30379935011, 30379935012, 30379935013, 30379935014, 30379935015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Naphthalene	ug/L	ND	2.0	08/31/20 13:27	
o-Xylene	ug/L	ND	1.0	08/31/20 13:27	
Styrene	ug/L	ND	1.0	08/31/20 13:27	
Tetrachloroethene	ug/L	ND	1.0	08/31/20 13:27	
Toluene	ug/L	ND	1.0	08/31/20 13:27	
TOTAL BTEX	ug/L	ND	6.0	08/31/20 13:27	
trans-1,2-Dichloroethene	ug/L	ND	1.0	08/31/20 13:27	
trans-1,3-Dichloropropene	ug/L	ND	1.0	08/31/20 13:27	
Trichloroethene	ug/L	ND	1.0	08/31/20 13:27	
Vinyl chloride	ug/L	ND	1.0	08/31/20 13:27	
Xylene (Total)	ug/L	ND	3.0	08/31/20 13:27	
1,2-Dichloroethane-d4 (S)	%	99	70-130	08/31/20 13:27	
4-Bromofluorobenzene (S)	%	103	70-130	08/31/20 13:27	
Dibromofluoromethane (S)	%	106	70-130	08/31/20 13:27	
Toluene-d8 (S)	%	95	70-130	08/31/20 13:27	

LABORATORY CONTROL SAMPLE: 1992046

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	21.1	105	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	17.0	85	70-130	
1,1,2-Trichloroethane	ug/L	20	18.4	92	70-130	
1,1-Dichloroethane	ug/L	20	19.1	96	70-130	
1,1-Dichloroethene	ug/L	20	17.7	89	70-130	
1,2,4-Trichlorobenzene	ug/L	20	14.8	74	70-130	
1,2,4-Trimethylbenzene	ug/L	20	18.4	92	70-130	
1,2-Dichlorobenzene	ug/L	20	18.7	94	70-130	
1,2-Dichloroethane	ug/L	20	18.5	93	70-130	
1,2-Dichloroethene (Total)	ug/L	40	35.7	89	70-130	
1,2-Dichloropropane	ug/L	20	18.7	94	70-130	
1,3,5-Trimethylbenzene	ug/L	20	18.7	94	70-130	
1,3-Dichlorobenzene	ug/L	20	19.0	95	70-130	
1,4-Dichlorobenzene	ug/L	20	18.6	93	70-130	
2-Butanone (MEK)	ug/L	20	17.7	89	70-130	
2-Hexanone	ug/L	20	14.6	73	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	20	16.3	81	70-130	
Acetone	ug/L	20	15.2	76	67-173	
Benzene	ug/L	20	18.9	95	70-130	
Bromochloromethane	ug/L	20	19.2	96	70-130	
Bromodichloromethane	ug/L	20	18.9	95	70-130	
Bromoform	ug/L	20	15.4	77	63-119	
Bromomethane	ug/L	20	17.8	89	24-159	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 08020-000031.00

Pace Project No.: 30379935

LABORATORY CONTROL SAMPLE: 1992046

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon disulfide	ug/L	20	11.2	56	57-132	L2
Carbon tetrachloride	ug/L	20	18.9	94	70-130	
Chlorobenzene	ug/L	20	19.2	96	70-130	
Chloroethane	ug/L	20	26.5	132	62-145	
Chloroform	ug/L	20	18.6	93	70-130	
Chloromethane	ug/L	20	20.1	101	66-140	
cis-1,2-Dichloroethene	ug/L	20	17.4	87	70-130	
cis-1,3-Dichloropropene	ug/L	20	17.9	90	70-130	
Dibromochloromethane	ug/L	20	16.8	84	70-130	
Ethylbenzene	ug/L	20	19.3	97	70-130	
Isopropylbenzene (Cumene)	ug/L	20	21.2	106	70-130	
m&p-Xylene	ug/L	40	38.7	97	70-130	
Methyl-tert-butyl ether	ug/L	20	17.7	89	70-130	
Methylene Chloride	ug/L	20	17.6	88	70-130	
Naphthalene	ug/L	20	15.3	77	55-160	
o-Xylene	ug/L	20	18.5	93	70-130	
Styrene	ug/L	20	19.4	97	70-130	
Tetrachloroethene	ug/L	20	19.4	97	70-130	
Toluene	ug/L	20	19.3	96	70-130	
TOTAL BTEX	ug/L	120	115	96	70-130	
trans-1,2-Dichloroethene	ug/L	20	18.4	92	70-130	
trans-1,3-Dichloropropene	ug/L	20	16.8	84	70-130	
Trichloroethene	ug/L	20	18.9	94	70-130	
Vinyl chloride	ug/L	20	21.8	109	70-130	
Xylene (Total)	ug/L	60	57.2	95	70-130	
1,2-Dichloroethane-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Dibromofluoromethane (S)	%			102	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1992047

1992048

Parameter	Units	30379935001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1-Trichloroethane	ug/L	ND	20	20	19.6	20.4	98	102	55-146	4	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	14.5	15.3	73	76	55-118	5	
1,1,2-Trichloroethane	ug/L	ND	20	20	15.5	15.9	78	79	61-122	2	
1,1-Dichloroethane	ug/L	2.9	20	20	19.7	21.4	84	93	59-130	8	
1,1-Dichloroethene	ug/L	5.0	20	20	20.8	22.1	79	86	52-119	6	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	11.5	12.1	57	60	38-146	5	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	16.1	16.8	80	84	52-151	5	
1,2-Dichlorobenzene	ug/L	ND	20	20	16.7	17.2	83	86	58-126	3	
1,2-Dichloroethane	ug/L	ND	20	20	16.8	16.5	84	82	49-135	2	
1,2-Dichloroethene (Total)	ug/L	ND	40	40	33.6	34.9	83	86	61-119	4	
1,2-Dichloropropane	ug/L	ND	20	20	16.4	17.3	82	86	67-121	5	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 08020-000031.00

Pace Project No.: 30379935

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1992047			1992048								
		30379935001	MS	MSD							
Parameter	Units	Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,3,5-Trimethylbenzene	ug/L	ND	20	20	16.6	17.3	83	86	53-142	4	
1,3-Dichlorobenzene	ug/L	ND	20	20	16.8	17.5	84	88	56-130	4	
1,4-Dichlorobenzene	ug/L	ND	20	20	16.1	17.2	81	86	60-121	6	
2-Butanone (MEK)	ug/L	ND	20	20	12.3	14.1	61	71	59-138	14	
2-Hexanone	ug/L	ND	20	20	12.1	12.7	60	64	66-123	5	M1,ML
4-Methyl-2-pentanone (MIBK)	ug/L	ND	20	20	13.8	14.1	69	70	70-130	2	M1,ML
Acetone	ug/L	ND	20	20	11.5	12.9	58	64	57-140	11	
Benzene	ug/L	ND	20	20	17.2	17.9	86	90	50-149	4	
Bromochloromethane	ug/L	ND	20	20	16.5	16.3	82	82	63-120	1	
Bromodichloromethane	ug/L	ND	20	20	16.1	17.5	81	87	46-131	8	
Bromoform	ug/L	ND	20	20	12.4	13.7	62	68	30-119	9	
Bromomethane	ug/L	ND	20	20	11.4	12.8	57	64	10-163	12	
Carbon disulfide	ug/L	ND	20	20	2.9	3.0	14	15	41-116	6	M0,ML
Carbon tetrachloride	ug/L	ND	20	20	17.3	16.8	86	84	55-119	3	
Chlorobenzene	ug/L	ND	20	20	16.9	17.8	84	89	66-124	5	
Chloroethane	ug/L	ND	20	20	25.1	24.4	125	122	45-162	3	
Chloroform	ug/L	ND	20	20	16.9	17.7	84	88	56-123	5	
Chloromethane	ug/L	ND	20	20	17.8	17.8	89	89	49-150	0	
cis-1,2-Dichloroethene	ug/L	ND	20	20	16.5	17.4	81	85	63-116	5	
cis-1,3-Dichloropropene	ug/L	ND	20	20	15.3	16.0	77	80	46-119	4	
Dibromochloromethane	ug/L	ND	20	20	14.4	14.4	72	72	42-120	0	
Ethylbenzene	ug/L	ND	20	20	17.3	17.8	86	89	63-135	3	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	19.0	20.1	95	100	50-167	6	
m&p-Xylene	ug/L	ND	40	40	34.8	36.2	87	90	63-135	4	
Methyl-tert-butyl ether	ug/L	ND	20	20	14.4	15.3	72	76	53-123	6	
Methylene Chloride	ug/L	ND	20	20	17.4	17.2	87	86	57-132	1	
Naphthalene	ug/L	ND	20	20	11.4	11.6	57	58	30-157	2	
o-Xylene	ug/L	ND	20	20	16.3	17.2	81	86	57-133	6	
Styrene	ug/L	ND	20	20	16.5	17.2	82	86	58-130	4	
Tetrachloroethene	ug/L	ND	20	20	17.2	17.6	86	88	61-132	2	
Toluene	ug/L	ND	20	20	17.2	18.1	86	90	59-139	5	
TOTAL BTEX	ug/L	ND	120	120	103	107	86	89	50-149	4	
trans-1,2-Dichloroethene	ug/L	ND	20	20	17.0	17.5	85	88	60-124	3	
trans-1,3-Dichloropropene	ug/L	ND	20	20	14.6	14.8	73	74	48-121	1	
Trichloroethene	ug/L	ND	20	20	17.3	18.7	87	94	63-128	8	
Vinyl chloride	ug/L	ND	20	20	19.8	19.8	99	99	67-141	0	
Xylene (Total)	ug/L	ND	60	60	51.1	53.4	85	89	63-135	4	
1,2-Dichloroethane-d4 (S)	%.						103	93	70-130		
4-Bromofluorobenzene (S)	%.						100	100	70-130		
Dibromofluoromethane (S)	%.						102	102	70-130		
Toluene-d8 (S)	%.						98	99	70-130		

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 08020-000031.00

Pace Project No.: 30379935

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

SAMPLE QUALIFIERS

Sample: 30379935007

[1] Residual Chlorine was present in the VOA vial used for analysis.

ANALYTE QUALIFIERS

L2 Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

ML Matrix spike recovery and/or matrix spike duplicate recovery was below laboratory control limits. Result may be biased low.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 08020-000031.00

Pace Project No.: 30379935

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
30379935001	MW-1	EPA 8260B	411814		
30379935002	MW-2	EPA 8260B	411814		
30379935003	MW-2D	EPA 8260B	411814		
30379935004	MW-3	EPA 8260B	411814		
30379935005	MW-7	EPA 8260B	411814		
30379935006	MW-8	EPA 8260B	411814		
30379935007	MW-9	EPA 8260B	411814		
30379935008	MW-10	EPA 8260B	411814		
30379935009	MW-11	EPA 8260B	411814		
30379935010	MW-12	EPA 8260B	411814		
30379935011	MW-13	EPA 8260B	411814		
30379935012	MW-14	EPA 8260B	411814		
30379935013	Field Blank 1	EPA 8260B	411814		
30379935014	Field Blank 2	EPA 8260B	411814		
30379935015	Trip Blank	EPA 8260B	411814		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY Analytical Request Document

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number

#30379935

ALL SHADED AREAS are for LAB USE ONLY

Address: AKC, at office						Report To: Tim McLean						Copy To: Tim McLean					
Customer Project Name/Number: 08040-00031.00						State: County/City: Lakewood [] PT [] MT [] CT [] ET						Email To: Tim McLean					
Phone: 970-316-6327						Site/Facility ID #: 111						Site Collection Info/Address: Lakewood					
Collected By (print): Tim McLean						Purchase Order #: 111						Compliance Monitoring? [X] Yes [] No					
Turnaround Date Required: Normal						DW PWS ID #: 111						DW Location Code: 111					
Sample Disposal: [X] Dispose as appropriate [] Return [] Archive: [] Hold:						Rush: [] Same Day [] Next Day [] 3 Day [] 4 Day [] 5 Day (Expedite Charges Apply)						Field Filtered (if applicable): [] Yes [X] No Analysis: 111					
Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Groundwater (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Waste (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)																	
Customer Sample ID						Comp / Grab						Collected (or Composite Start) Date Time					
MW-13						GWS						8-26-20 15:25					
MW-14						I						8-27-20 8:50					
Field Blank 1						I						8-26-20 16:10					
Field Blank 2						I						8-27-20 11:45					
Trip Blank K						I						-- --					
Customer Remarks / Special Conditions / Possible Hazards:						Type of Ice Used: Wet Blue Dry None						SHORT HOLDS PRESENT (<72 hours): Y N N/A					
Relinquished by/Company: (Signature)						Received by/Company: (Signature)						Date/Time: 8/26/20 15:25					
Relinquished by/Company: (Signature)						Received by/Company: (Signature)						Date/Time: 8/26/20 15:25					
Relinquished by/Company: (Signature)						Received by/Company: (Signature)						Date/Time: 8/26/20 15:25					



Appendix F

PURGE WATER MANIFEST

Safety-Kleen Systems, Inc.
42 Longwater Drive
Norwell, MA 02061
CORPORATE: 800-669-5740
24 HR EMERGENCY: 800-468-1760 (Safety-Kleen)
7168268931

CUSTOMER# LE19013 Lexington Die Casting
201 Winchester Road
Lakewood
NY 14750-0000
PHONE 585-313-4845
BILL TO CUSTOMER#
LE10377

REFERENCE NBR.

84412572 - 2005059637

SRVC WEEK: 2020-44

SRVC DATE: 10-29-2020

BILL TO ADDRESS:
Lexington Machining
677 Buffalo Rd
Rochester
NY 14611-2014
PHONE 585-235-0880

PURCHASE ORDER#

TAX EXEMPT#

PRODUCT/SERVICES

SERVICE/PRODUCT	QTY	UNIT PRICE	TAX	TOTAL CHARGE
875480/ 1955579 CNOS 55GL NON HAZ SEMI SLDS SERVICE TERM 0 WEEK	1.0	274.05	21.92	295.97
100030 RECOVERY FEE	1.0	12.50	1.00	13.50

TOTAL SERVICE/PRODUCTS -----

286.55	22.92	309.47
	TOTAL CHARGE	309.47
	CREDITS	0.00
	TOTAL DUE	309.47
	UNPAID BALANCE THIS RECEIPT	309.47

GENERATOR STATUS
0-220 lbs/month

Customer certifies that (i) the above-named materials are properly classified, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation (ii) no material change has occurred either in the characteristics of the waste/material or in the process generating the waste/material, and (iii) the above referenced Generator Status is correct. Customer agrees to pay the above charges and to be bound by the terms and conditions (1) set forth in (a) the General Terms and Conditions provided separately to Customer or (b) any SK agreement signed by Customer and SK, and (2) incorporated herein by reference. Unless otherwise indicated in the payment received section, SK is authorized to charge Customers account for this transaction. If Customer fails to make payment when due, an amount equal to the lesser of (i) 1.5% per month (18% per annum) or (ii) the maximum amount allowed by law, will be added to all unpaid amounts outstanding. Customer certifies that the individual signing this Service Acknowledgement is duly authorized to sign and bind Customer. Customer acknowledges that it is responsible for maintaining its Generator Status and obtaining an EPA ID number if required by applicable law. The following provision is applicable to Safety-Kleens parts cleaner and paint gun cleaner services: Customer agrees that it will not introduce any substance into the solvent or aqueous cleaning solution, including without limitation any hazardous waste or hazardous waste constituent, except to the extent such introduction is incidental to the normal use of the machine. Customer further agrees that it will not clean parts/paint guns that have been contaminated with or otherwise introduce polychlorinated biphenyls (PCBs), herbicides, pesticides, dioxins or listed hazardous waste into the solvent or aqueous cleaning solution. Safety-Kleen has the capacity and is permitted to accept, store, and/or reclaim the spent parts washer solvent; paint thinners, solvents and paints generated by customer; or dry cleaning filter cartridges, powder, and still residues containing perchloroethylene, petroleum naphtha, or trifluorotrichloroethane dry cleaning solvents. Customer agrees that it is responsible for properly classifying its waste streams as Used Oil or Nonhazardous Waste in accordance with the provision of 40 CFR 262.11 and applicable state laws. Customer agrees that it will not introduce any non-conforming substance into the SK Property, including, without limitation, any hazardous waste or hazardous waste constituent, (i.e., polychlorinated biphenyls ("PCBs"), herbicides, pesticides, dioxins, or listed hazardous wastes) except to the extent such introduction is incidental to the normal use of the SK Property. In the event of the introduction of such non-conforming hazardous waste, Customer agrees that it will be responsible for all costs and remediation expenses related to or arising from the proper management and disposal of the non-conforming waste, including the cost of equipment decontamination and subsequent disposal. Final invoicing will be based on the actual services provided, which may include additional charges for off specification waste and surcharges. Final invoice amount may be more than the amount listed on the printed receipt. If any legal action is commenced because of an alleged dispute, breach, default or misrepresentation, the Customer also agrees that the prevailing party will be entitled to recover reasonable attorneys fees and costs associated with the non-conforming contamination event. Safety-Kleens failure to screen Customers material or take a retain sample, in no way constitutes a waiver of Customers obligation to properly classify its materials. Safety-Kleen relies on Customers representations and Customer is responsible for informing Safety-Kleen of any process changes that may alter the characteristics of the materials provided. IN THE EVENT OF AN EMERGENCY CALL **24-HR NUMBER** 1-800-468-1760 (Safety-Kleen) A variable recovery fee that fluctuates with the DOE national average diesel price may be applied to your invoice. For more information regarding our recovery fee calculation please go to <http://safety-kleen.com/customer-service/environmental-fees/recovery-fees>. Please note e-manifest fees applicable to this order may not be included in the total above and will be included in the final invoice or credit card statement. RECEIPT ONLY - THIS IS NOT AN INVOICE

LDC
CUSTOMER / GENERATOR: lexington


TRANSPORTER: Covington, Terence W

SHIPPING DOCUMENT

IN THE EVENT OF AN EMERGENCY CALL **24-Hr-Number** 1-800-468-1760 (SAFETY-KLEEN SYSTEMS, INC.)

CUSTOMER#/GENERATOR: LE19013 Lexington Die Casting
201 Winchester Road
Lakewood
NY 14750-0000
PHONE 585-313-4845

#REFERENCE NBR.
84412572 - 2005059637

GENERATOR USEPA ID. GENERATOR STATE
MANIFEST#: FORM CD: NR SHIP#: 232757690
TRANSPORTER 1: TXR000081205 Safety Kleen
TRANSPORTER 2:
US DOT DESCRIPTION (INCLUDING PROPER SHIPPING NAME, HAZARD CLASS, AND ID)
NONE, NON DOT REGULATED, (WATER), N/A
FEDERAL WASTE CODES NONE
STATE WASTE CODES
TOTAL CONT: 1 TYPE: DM WT/VOL: P SKDOT: 8776149
CNT#: 201007948692 SZ: 55 GAL/205 L CONTAINERS QTY: 150 PROF#: 1955579

DESIGNATED FACILITY NAME/ADDRESS:
SPRING GROVE RESOURCE RECOVERY INC
4879 SPRING GROVE AVE
CINCINNATI
OH 45232
TSD PHONE 513-681-6242
FACILITY USEPA ID NO OHD000816629
FACILITY STATE ID NO 9390610002

GENERATOR STATUS
0-220 lbs/month

LDC
CUSTOMER / GENERATOR: lexington

TRANSPORTER: Covington, Terence W

TRANSPORTER2: