



November 11, 2021

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

Apex Project No. 08021-000009.00

**Subject: 2021 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 2021 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) 310-6327 or tim.mccann@apexcos.com with any questions.

Sincerely,

Timothy N. McCann
Program Manager
Northeast Ohio Regional Office

Apex Companies, LLC

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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. 08021-000009.00
November 11, 2021

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.

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 2021.

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 2021 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. 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 12, 2021, 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) VOCs by United States Environmental Protection Agency (USEPA) method 8260B. No contaminants were reported above laboratory detection limits in the field blank samples, with the exception of: chloroform, which was detected at a concentration of 19.5 micrograms per liter (ug/L) in Field Blank 1 and at a concentration of 19.5 ug/L in Field Blank 2. Additionally, bromodichloromethane, was detected at a concentration of 2.0 ug/L in Field Blank 1 and 2. Newly purchased distilled water was utilized to collect the Field blank samples. No contaminants were reported above laboratory detection limits in the trip blank sample, with the exception of methylene chloride, which was detected at a concentration of 5.9 ug/L.

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 24, 2021 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 8.0 ug/L in groundwater sample MW-2. This concentration exceeds the GWQS for 1,1,1-TCA of 5 ug/L. 1,1,1-TCA was detected in groundwater sample MW-9 at a concentration of 1.9 ug/L. This concentration is below the GWQS 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 2.2 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, 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-14). The maximum concentration of 69.8 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 not detected above the laboratory detection limit of 1.0 ug/L in the groundwater samples analyzed.

1,1,-DCE was detected in nine of the 12 groundwater samples with seven of the concentrations exceeding the GWQS of 5 ug/L (MW-1, MW-2, MW-3, MW-8, MW-9, MW-10, and MW-14). The maximum concentration of 57.2 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 MW-9 at a concentration of 2.0 ug/L. This concentration exceeds the GWQS of 0.6 ug/L. 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-7 at a concentration of 3.8 ug/L. 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 and 1,2-dichlorobenzene, were detected in groundwater samples.

Chloroethane was detected in four of the 12 groundwater samples (MW-2, MW-3, MW-13, and MW-14) with all of the concentrations, with the exception of MW-3, exceeding the GWQS of 5 ug/L. The maximum concentration of 52.4 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 samples (MW-2 and MW-14) with neither of the concentrations above the GWQS of 3 ug/L. 1,2-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 2020 and 2021 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 decreased from 2.5 ug/L to below detection limit (BDL); 1,1-DCE decreased from 3.4 ug/L to below detection limit (BDL); and chloroethane decreased from 3.3 ug/L to below detection limit (BDL).

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 2020 and 2021 sampling data. Four of the 12 monitoring wells exhibited a clear decrease in contaminant concentrations from 2020 to 2021.

Monitoring Well ID	Location on Site
MW-2	North side of building
MW-3	Northeast outside the building
MW-9	Inside the secondary machining area of the building
MW-13	North of Building

In Monitoring Well-2, chloroethane decreased from 23.9 ug/L to 8.6 ug/L; 1,1-DCE decreased from 52.8 ug/L to 14.2 ug/L; 1,1-DCA decreased from 29.3 ug/L to 7.1 ug/L; 1,1,1-TCA decreased from 27.8 ug/L to 8.0 ug/L; and, 1,2-dichlorobenzene decreased from 5.1 ug/L to 1.3 ug/L

In Monitoring Well-3, 1,1-DCE decreased from 79.8 ug/L to 19 ug/L; 1,2-dichlorobenzene decreased from 1.9 ug/L to BDL; 1,1-DCA decreased from 4.4 ug/L to 1.4 ug/L; chloroethane decreased from 14.6 ug/L to 2.2 ug/L; and VC decreased from 1.7 ug/L to BDL.



In Monitoring Well MW-9, 1,1,1-TCA decreased from 8.2 ug/L to 1.9 ug/L; 1,1-DCE decreased from 163 ug/L to 57.2 ug/L; 1,1-DCA decreased from 142 ug/L to 69.8 ug/L; and 1,2-DCA decreased from 4.1 ug/L to 2.0 ug/L.

In Monitoring Well MW-13, 1,1-DCE decreased from 9.7 ug/L to 1.6 ug/L; 1,1-DCA decreased from 20.1 ug/L to 1.3 ug/L; 1,2-DCA decreased from 1.4 ug/L to BDL; chloroethane decreased from 576 ug/L to 52.4 ug/L.

Monitoring well MW-2 is down-gradient of the impacted areas, at the boundaries of the historical impacted groundwater plume. Monitoring well MW-3 is downgradient of the impacted areas at the boundaries of the historical impacted groundwater plume. Monitoring well MW-9 is located in the area of the soil and groundwater impact areas. MW-13 is located on the north side of the building, downgradient of the impacted areas.

4.3 GROUNDWATER CONDITIONS FOR CONTINUED MONITORING

Groundwater samples collected from five monitoring wells exhibited an overall increase and/or consistency in contaminant concentrations between 2020 and 2021.

Monitoring Well ID	Location on Site
MW-1	North center outside the building
MW-7	Northeast of the building
MW-8	Central portion of the building (inside)
MW-10	Central portion of the building (inside)
MW-14	North of Building

In Monitoring Well MW-1, 1,1-DCE increased from 5 ug/L to 5.9 ug/L and 1,1-DCA increased from BDL to 3.3 ug/L.

In Monitoring well MW-7, VC decreased from 4.3 ug/L to 3.8 ug/L; however, this concentration is above the GWQS. In addition, 1,1-DCE increased from 2.1 ug/L to 3.7 ug/L and 1,1-DCA increased from 3.1 ug/L to 3.3 ug/L; however, these concentrations are below their respective GWQS.

In Monitoring Well MW-8, 1,1-DCA increased from 6.3 ug/L to 6.7 ug/L and 1,1-DCE decreased from 15.5 ug/L to 6.1 ug/L. Both of these concentrations are above their respective GWQS.

In Monitoring Well MW-10, 1,1-DCE increased from 9.6 ug/L to 9.7 ug/L; 1,1-DCA increased from 59.7 ug/L to 69 ug/L; and 1,1,2-TCA increased 2.1 ug/L to 2.2 ug/L. These concentrations are above their respective GWQS.

In Monitoring Well MW-14, chloroethane increased from BDL to 14.1 ug/L; 1,1-DCA increased from 3.6 ug/L to 5.5 ug/L; and 1,1-DCE increased from 8.7 ug/L to 16.3 ug/L. These concentrations are above their respective GWQS. 1,2-dichlorobenzene increased from BDL to 1.2 ug/L.

Monitoring wells MW-1 is 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 boundary line.



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

MW-14 is located on the north 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 GWQS in 3 of the 12 groundwater monitoring wells. Groundwater conditions were observed to be improving in monitoring wells MW-2, MW-3, MW-9, and MW-13. Five monitoring wells exhibited increasing concentrations of contaminants including MW-1, MW-7, MW-8, MW-10, and MW-14.

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

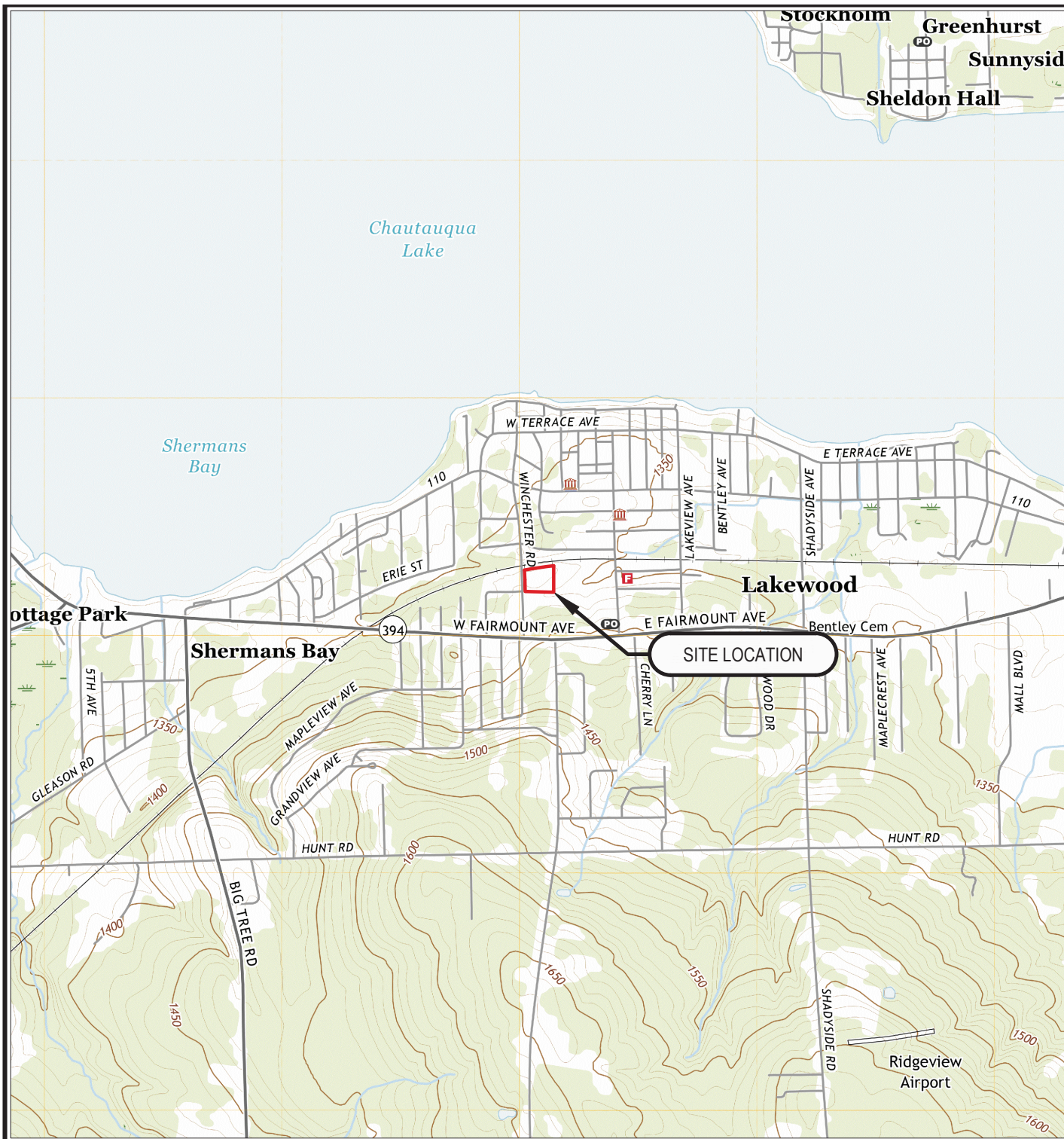
A handwritten signature in grey ink that reads 'Kellie L. Wing'.

Reviewed by: _____

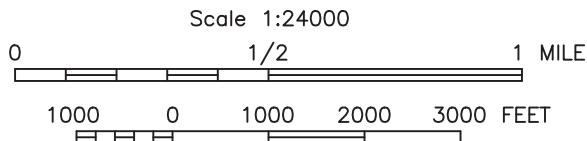
Kellie L. Wing
Program Manager
Detroit Regional Office



FIGURES



QUADRANGLE LOCATION



SOURCE OF MAP IS US TOPO 7.5 MINUTE QUADRANGLE MAP, LAKEWOOD (2019), NEW YORK: U.S. GEOLOGICAL SURVEY

SITE LOCATION/BOUNDARIES APPROXIMATED



CHECK BY	TM
DRAWN BY	JL
DATE	9/29/2021
SCALE	AS SHOWN
CAD NO.	LX009.00A
PRJ NO.	08021-000009.00

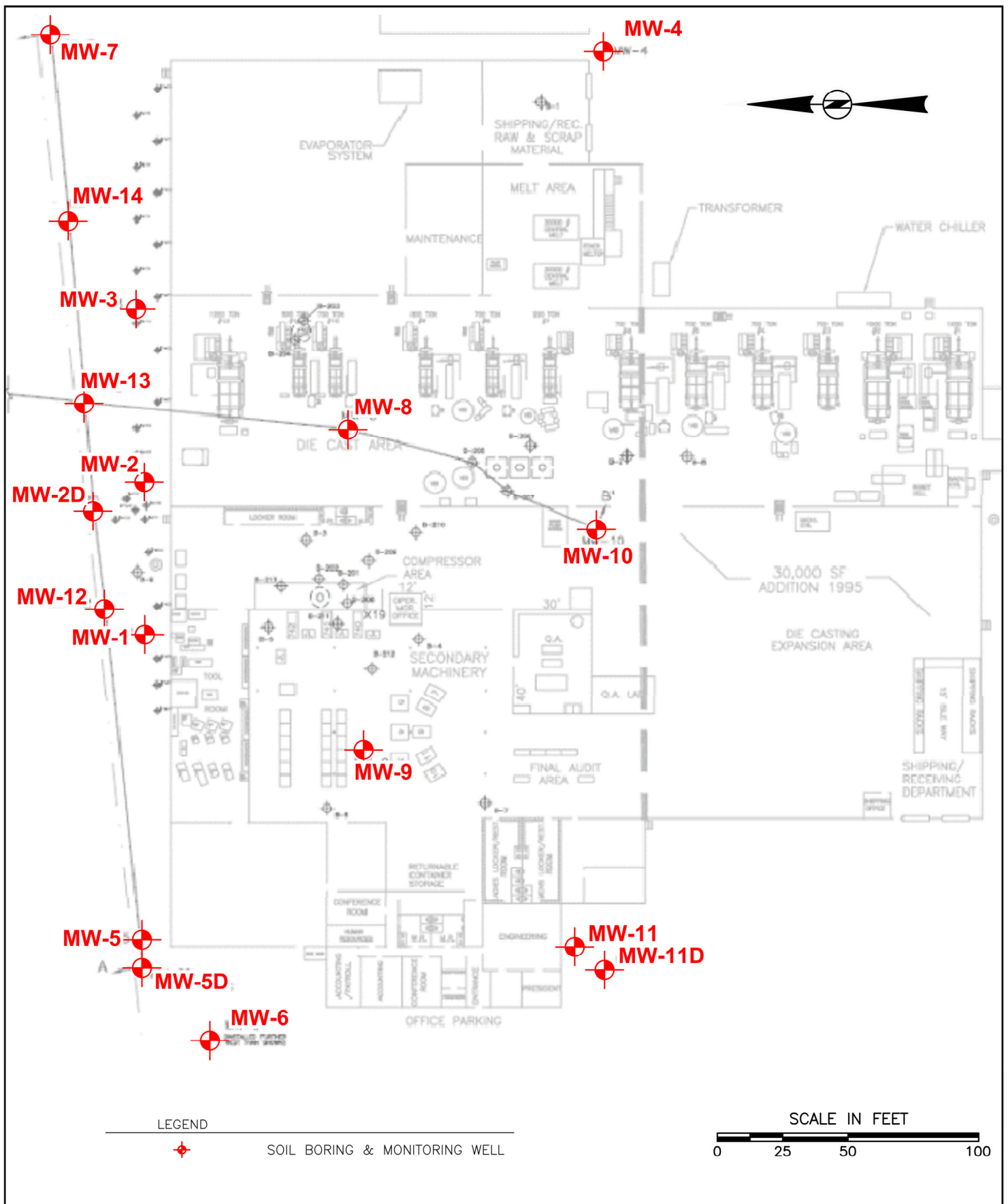
SITE LOCATION MAP

LEXINGTON MACHINING LLC
201 WINCHESTER AVENUE
LAKEWOOD, NEW YORK

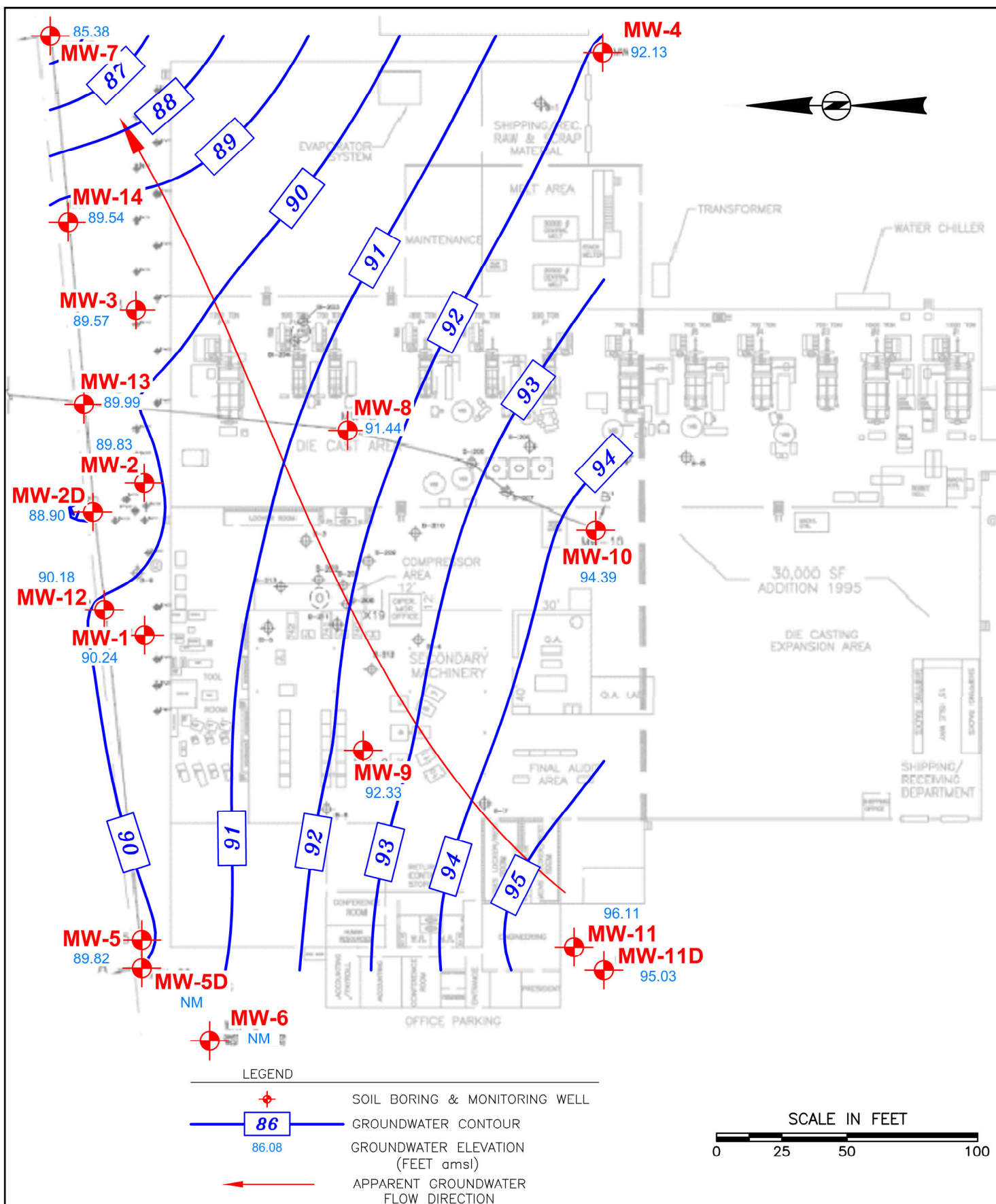


FIGURE

1



CHECK BY TM	MONITORING WELL LOCATIONS LEXINGTON MACHINING LLC 201 WINCHESTER AVENUE LAKEWOOD, NEW YORK		FIGURE 2
DRAWN BY JL			
DATE 9/29/2021			
SCALE AS SHOWN			
CAD NO. LX009.00sb			
PRJ NO. 08021-000009.00			



CHECK BY	TM
DRAWN BY	JL
DATE	9/29/2021
SCALE	AS SHOWN
CAD NO.	LX009.GW_8-21
PRJ NO.	08021-000009.00

GROUNDWATER CONTOUR MAP AUGUST 16, 2021

LEXINGTON MACHINING LLC
201 WINCHESTER AVENUE
LAKEWOOD, NEW YORK



FIGURE

3



TABLES

Table 1
August 2021 Groundwater Elevation Measurements

Well ID	Date	Depth to Water (ft)	Ground Surface Elevation (ft) *	Groundwater Elevation (ft)
MW-1	8/16/2021	11.58	101.82	90.24
MW-2	8/16/2021	11.47	101.3	89.83
MW-2D	8/16/2021	11.94	100.84	88.9
MW-3	8/16/2021	11.45	101.02	89.57
MW-4	8/16/2021	8.95	101.08	92.13
MW-5	8/16/2021	12.99	102.81	89.82
MW-7	8/16/2021	14.07	99.45	85.38
MW-8	8/16/2021	13.64	105.08	91.44
MW-9	8/16/2021	12.68	105.01	92.33
MW-10	8/16/2021	10.68	105.07	94.39
MW-11	8/16/2021	8.39	104.5	96.11
MW-11D	8/16/2021	9.2	104.23	95.03
MW-12	8/16/2021	10.62	100.8	90.18
MW-13	8/16/2021	10.81	100.8	89.99
MW-14	8/16/2021	10.96	100.5	89.54

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

Table 2
August 2021 Groundwater Sample Data Summary

Lexington Machining LLC
201 Winchester Road, Lakewood, NY

Sample #:	TOGs - Table 5	MW-8			MW-9			MW-10			MW-11			MW-12		
	Groundwater															
	Effluent															
Date Sampled:	Limitations (Class GA)	08/16/2021			08/16/2021			08/16/2021			08/17/2021			08/17/2021		
	(ug/L)															
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	ND		1.00
1,1-Dichloroethene	5	6.1		1.00	57.2		1.00	9.7		1.00	ND		1.00	ND		1.00
1,1-Dichloroethane	5	6.7		1.00	69.8		1.00	69		1.00	ND		1.00	ND		1.00
cis-1,2-Dichloroethene	5	ND		1.00	ND		1.00	ND		1.00	ND		1.00	ND		1.00
1,1,1-Trichloroethane	5	ND		1.00	1.9		1.00	ND		1.00	ND		1.00	ND		1.00
1,2-Dichloroethane (EDC)	0.6	ND		1.00	2.0		1.00	ND		1.00	ND		1.00	ND		1.00
1,1,2-Trichloroethane	1	ND		1.00	ND		1.00	2.2		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
Bromodichloromethane	50	ND		1.00	ND		1.00	ND		1.00	ND		1.00	ND		1.00
Methylene Chloride	5	ND		1.00	ND		1.00	ND		1.00	ND		1.00	ND		1.00
Chloroform	7	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 Standards & Guidance Values and Table 5 New York State Groundwater Protection Standards (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 concentrtrn detected above MDL																

Table 2
August 2021 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)	08/16/2021			08/16/2021			08/16/2021			08/17/2021			08/17/2021		
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	52.4		1.0	14.1		1.00	ND		1.00	ND		1.00	ND		1.00
1,1-Dichloroethene	5	1.6		1.00	16.3		1.00	ND		1.00	ND		1.00	ND		1.00
1,1-Dichloroethane	5	1.3		1.00	5.5		1.00	ND		1.00	ND		1.00	ND		1.00
cis-1,2-Dichloroethene	5	ND		1.00	ND		1.00	ND		1.00	ND		1.00	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	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
1,2-Dichlorobenzene	3	ND		1.00	1.2		1.00	ND		1.00	ND		1.00	ND		1.00
Bromodichloromethane	50	ND		1.00	ND		1.00	2		1.00	2		1.00	ND		1.00
Methylene Chloride	5	ND		1.00	ND		1.00	ND		1.00	ND		1.00	5.9		1.00
Chloroform	7	ND		1.00	ND		1.00	19.5		1.00	19.5		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 Standards & Guidance Values and Table 5 New York State Groundwater Protection Standards (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																

Lexington Machining LLC
201 Winchester Road, Lakewood, NY
Table 3 - Historic Groundwater Sample Data

Well	Date	PCE (ug/L)	Chloroethane (ug/L)	Vinyl Chloride (ug/L)	1,1-DCA (ug/L)	1,2-DCA (ug/L)	1,1-DCE (ug/L)	cis-1,2-DCE (ug/L)	1,1,1-TCA (ug/L)	1,1,2-TCA (ug/L)	Benzene (ug/L)	Acetone (ug/L)	Toluene (ug/L)	ODCB (ug/L)	MEK (ug/L)	Total VOCs (ug/L)
NYSDEC GWQS		5	5	2	5	0.6	5	5	5	1	1	50	5	3	50	
Well	Date	Chloroethane (ug/L)		Vinyl Chloride (ug/L)	1,1-DCA (ug/L)	1,2-DCA (ug/L)	1,1-DCE (ug/L)	cis-1,2-DCE (ug/L)	1,1,1-TCA (ug/L)	1,1,2-TCA (ug/L)	Benzene (ug/L)	Acetone (ug/L)	Toluene (ug/L)	ODCB (ug/L)	MEK (ug/L)	Total VOCs (ug/L)
MW-1	5/23/2005		BDL	BDL	210	9.15	370	BDL	174	BDL	BDL	BDL	-	-	-	763.2
	8/17/2006		BDL	BDL	85	3.6	190	BDL	61	BDL	BDL	BDL	-	-	-	339.6
	11/6/2006		13.8	BDL	16.6	BDL	19.4	BDL	5.34	BDL	BDL	BDL	-	-	-	55.1
	4/18/2007		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	-	-	-	-	-	0
	6/2/2010		137	2.02	25.1	0.331	75.9	BDL	12.6	BDL	BDL	19.7 FB	0.502 J	0.737 J	BDL	274
	6/30/2014		11	BDL	9	0.32 J	26	BDL	0.53 J	BDL	BDL	BDL	BDL	0.45 J	BDL	47.42
	11/9/2015	BDL	1.2	BDL	10.7	BDL	16.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	28
	10/25/2016	BDL	BDL	BDL	5.8	BDL	10.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	16.5
	9/12/2017	BDL	BDL	BDL	6.71	BDL	11.4	BDL	0.761	BDL	BDL	BDL	BDL	BDL	BDL	18.9
	9/6/2018	BDL	BDL	BDL	2.7	BDL	4.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.3
	8/20/2019	BDL	BDL	BDL	BDL	BDL	1.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.3
	8/26/2020	BDL	BDL	BDL	BDL	2.9	5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.9
	8/17/2021	BDL	BDL	BDL	3.3	BDL	5.9	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9.2
MW-2	5/23/2005		1100	BDL	81.2	3.92	68.3	BDL	53.8	BDL	BDL	10.3	-	-	-	1317.5
	8/17/2006		750	BDL	82	7.3	86	2.6	42	BDL	BDL	BDL	-	-	-	969.9
	11/6/2006		701	BDL	18.6	9.06	6.8	2.68	BDL	BDL	BDL	BDL	-	-	-	738.1
	4/18/2007		760	BDL	19	6.8	8.4	3.2	BDL	BDL	-	-	-	-	-	799
	6/2/2010		1300	BDL	27.2	BDL	27.6	BDL	BDL	BDL	BDL	200 FB	BDL	BDL	BDL	1550
	6/30/2014		100	BDL	11	0.55 J	2.5	0.40 J	BDL	BDL	BDL	BDL	BDL	BDL	BDL	114.45
	11/9/2015	BDL	950	BDL	16.4	1.7	9.6	1.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	979.1
	10/25/2016	BDL	417	BDL	6.4	BDL	3.8	1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	428.2
	9/12/2017	BDL	900	BDL	28.1	0.85	7.65	1.08	BDL	BDL	BDL	BDL	BDL	BDL	BDL	946
	9/5/2018	BDL	347	BDL	46	BDL	5.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	398.3
	8/20/2019	BDL	81.8	BDL	27	BDL	20.2	BDL	5.9	BDL	BDL	BDL	BDL	1.8	BDL	136.7
	8/26/2020	BDL	23.9	BDL	29.3	BDL	52.8	BDL	27.8	BDL	BDL	BDL	BDL	5.1	BDL	138.9
	8/17/2021	BDL	8.6	BDL	7.1	BDL	14.2	BDL	8	BDL	BDL	BDL	BDL	1.3	BDL	39.2
MW-2D	8/1/2005		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	-	-	-	0
	6/2/2010		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0
	6/30/2014		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0
	11/9/2015	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	-	-	-	BDL	-	0
	10/25/2016	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0
	9/12/2017	BDL	4.45	BDL	0.499 J	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.95
	9/5/2018	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0
	8/20/2019	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0
	8/27/2020	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0
	8/17/2021	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0
MW-3	5/23/2005		15.3	BDL	87.3	2.4	72.7	BDL	98.9	BDL	0.815	58.1	-	-	-	335.5
	8/17/2006		5.4	BDL	35	BDL	62	BDL	43	BDL	BDL	BDL	-	-	-	145.4
	11/6/2006		72.8	BDL	34.1	BDL	63.4	BDL	22.1	BDL	BDL	BDL	-	-	-	192.4
	4/18/2007		BDL	BDL	4.1	BDL	6	BDL	1.8	BDL	-	-	-	-	-	12
	6/2/2010		31.1	1.23	BDL	BDL	41.6	10.3	BDL	BDL	BDL	4.96 FB	BDL	BDL	BDL	89.2
	6/30/2014		16	0.70 J	60	0.68 J	74	0.46 J	17	BDL	0.15 J	BDL	BDL	10	BDL	178.84
	11/9/2015	BDL	57	2.5	58.5	1.8	152	BDL	BDL	BDL	BDL	BDL	BDL	3.1	BDL	272.4
	10/25/2016	BDL	21.7	BDL	28.2	BDL	89.5	BDL	BDL	BDL	BDL	BDL	BDL	2.3	BDL	141.7
	9/12/2017	BDL	41.8	1.23	31.2	0.962	70.4	0.46 J	0.5	BDL	BDL	BDL	BDL	1.91	BDL	150
	9/5/2018	BDL	19.6	BDL	9.5	69.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	79.1
	8/19/2019	BDL	29.6	BDL	7.6	1	86.5	BDL	BDL	BDL	BDL	BDL	BDL	2.1	BDL	126.8
	8/26/2020	BDL	14.6	1.7	4.4	BDL	79.8	BDL	BDL	BDL	BDL	BDL	BDL	1.9	BDL	102.4
	8/16/2021	BDL	2.2	BDL	1.4	BDL	19	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	22.6
MW-4	5/23/2005		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	12.7	-	-	-	12.7
	6/2/2010		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0
	7/1/2014		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0
	11/9/2015	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0
	10/26/2016	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0
	9/12/2017	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0
	9/5/2018	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0
	8/19/2019	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0
MW-5	8/1/2005		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	-	-	-	0.0
	6/2/2010		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0
	6/30/2014		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0
	11/9/2015	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0
	10/25/2016	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0
	9/12/2017	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.18
	9/6/2018	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0
8/20/2019	1.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.5	
MW-5D	8/1/2005		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	-	-	-	0.0
	6/2/2010		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.23 FB	BDL	BDL	BDL	5.23
	6/30/2014		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.14 J	BDL	BDL	BDL	0.14
MW-6	8/1/2005		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	-	-	-	0.0
	6/2/2010		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0
	6/30/2014		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0
MW-7	8/1/2005		5.93	BDL	34	BDL	21.9	BDL	42.4	BDL	BDL	BDL	-	-	-	104.2
	8/17/2006		3.3	BDL	38	BDL	49	BDL	52	BDL	BDL	BDL	-	-	-	142.3
	11/6/2006		17.2	BDL	25.6	BDL	70.9	BDL	48.9	BDL	BDL	BDL	-	-	-	162.6
	4/18/2007		BDL	1.4	6	BDL	15	BDL	8	BDL	-	-	-	-	-	30
	6/2/2010		15.5	22.3	22.3	0.453 J	19.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	80.1
	7/1/2014		11	9.2	20	0.33 J	35	0.27 J	0.32 J	BDL	BDL	BDL	BDL	0.62 J	BDL	79
	11/9/2015	BDL	5.3	9	12.8	BDL	10.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	28.8
	10/25/2016	BDL	3.4	6.8	10.2	BDL	9.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

Lexington Machining LLC
201 Winchester Road, Lakewood, NY
Table 3 - Historic Groundwater Sample Data

NYSDEC GWQS		5	5	2	5	0.6	5	5	5	1	1	50	5	3	50		
Well	Date	Chloroethane (ug/L)		Vinyl Chloride (ug/L)	1,1-DCA (ug/L)	1,2-DCA (ug/L)	1,1-DCE (ug/L)	cis-1,2-DCE (ug/L)	1,1,1-TCA (ug/L)	1,1,2-TCA (ug/L)	Benzene (ug/L)	Acetone (ug/L)	Toluene (ug/L)	ODCB (ug/L)	MEK (ug/L)	Total VOCs (ug/L)	
MW-9	8/20/2019	BDL	BDL	BDL	4.8	BDL	8.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	13.6	
	8/27/2020	BDL	BDL	BDL	6.3	BDL	15.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	21.8	
	8/16/2021	BDL	BDL	BDL	6.7	BDL	6.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	12.8	
	8/1/2005		BDL	BDL	108	4.35	294	BDL	19	BDL	BDL	BDL	-	-	-	425.4	
	8/17/2006		18	BDL	400	16	500	BDL	42	BDL	BDL	BDL	-	-	-	976	
	11/6/2006		BDL	BDL	71.5	3.44	15	BDL	6.92	BDL	BDL	BDL	-	-	-	238.9	
	4/19/2007		BDL	33	180	15	590	BDL	43	BDL	-	-	-	-	-	846	
	6/2/2010		BDL	BDL	346	11.4	788	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1150	
	7/1/2014		BDL	BDL	15	0.27 J	36	0.33	0.21 J	BDL	BDL	BDL	BDL	BDL	BDL	51.33	
	11/9/2015	BDL	BDL	BDL	216	6.8	328	BDL	17.6	BDL	BDL	BDL	BDL	BDL	BDL	568.4	
	10/26/2016	BDL	BDL	BDL	144	9.1	232	BDL	10.6	BDL	BDL	BDL	BDL	BDL	BDL	395.7	
	9/13/2017	BDL	BDL	BDL	196	3.97	181	BDL	11.2	BDL	BDL	BDL	BDL	BDL	BDL	392	
	9/6/2018	BDL	BDL	BDL	166	4.1	194	BDL	7.8	BDL	BDL	BDL	BDL	BDL	BDL	371.9	
MW-10	8/20/2019	BDL	BDL	BDL	123	BDL	107	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	230	
	8/27/2020	BDL	BDL	BDL	142	4.1	163	BDL	8.2	BDL	BDL	BDL	BDL	BDL	BDL	317.3	
	8/16/2021	BDL	BDL	BDL	69.8	2	57.2	BDL	1.9	BDL	BDL	BDL	BDL	BDL	BDL	130.9	
	8/1/2005		BDL	BDL	77	BDL	5.9	BDL	BDL	BDL	BDL	BDL	-	-	-	83	
	8/17/2006		BDL	BDL	110	1.6	14	BDL	3.5	3.4	BDL	BDL	-	-	-	132.5	
	6/2/2010		BDL	BDL	BDL	0.715 J	58.7	0.496 J	BDL	2.65	BDL	BDL	BDL	BDL	BDL	BDL	169
	7/1/2014		BDL	BDL	44	BDL	8.2	BDL	0.18 J	1.8	0.11 J	BDL	BDL	BDL	BDL	BDL	55.1
	11/9/2015	BDL	BDL	BDL	40	BDL	4.1	BDL	BDL	1.9	BDL	BDL	BDL	BDL	BDL	BDL	44.1
	10/26/2016	BDL	BDL	BDL	44.7	1.7	9.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	55.8
	9/13/2017	BDL	BDL	BDL	38.1	BDL	2.32	BDL	BDL	1.21	BDL	BDL	BDL	BDL	BDL	BDL	41.6
	9/6/2018	BDL	BDL	BDL	61.1	BDL	10.6	BDL	BDL	2.2	BDL	BDL	BDL	BDL	BDL	BDL	73.9
	8/20/2019	BDL	BDL	BDL	50.2	BDL	6.1	BDL	BDL	2.2	BDL	BDL	BDL	BDL	BDL	BDL	58.5
	8/27/2020	BDL	BDL	BDL	59.7	BDL	9.6	BDL	BDL	2.1	BDL	BDL	BDL	BDL	BDL	BDL	71.4
8/16/2021	BDL	BDL	BDL	69	BDL	9.7	BDL	BDL	2.2	BDL	BDL	BDL	BDL	BDL	BDL	80.9	
MW-11	8/1/2005	-	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	-	-	-	-	-	0.0	
	4/19/2007		BDL	BDL	BDL	BDL	BDL	BDL	1.6	BDL	-	-	-	-	-	-	
	6/2/2010		BDL	BDL	0.502 J	BDL	0.572 J	BDL	BDL	BDL	BDL	3.79 FB	BDL	BDL	BDL	4.86	
	7/1/2014		BDL	BDL	0.53 J	BDL	BDL	BDL	1.1	BDL	BDL	BDL	BDL	BDL	BDL	1.63	
	11/9/2015	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.3	BDL	BDL	BDL	BDL	BDL	BDL	3.2	
	10/26/2016	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0	
	9/13/2017	BDL	BDL	BDL	1.24	BDL	1.35	BDL	1.4	BDL	BDL	BDL	BDL	BDL	BDL	3.99	
	9/5/2018	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0	
	8/19/2019	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0	
	8/26/2020	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0	
	8/17/2021	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0	
	MW-11D	8/1/2005		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	-	-	-	-	-	0.0
		6/2/2010		BDL	BDL	0.999 J	BDL	BDL	BDL	BDL	BDL	0.458 J	58.2 FB	BDL	BDL	3.13	62.8
7/1/2014			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.18 J	BDL	BDL	BDL	BDL	0.18	
11/9/2015		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0	
10/26/2016		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0	
9/13/2017		BDL	BDL	BDL	1	BDL	1.51	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.51	
9/5/2018		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0	
8/20/2019		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0	
MW-12	11/6/2006		19.2	BDL	7.5	BDL	14	BDL	3.4	BDL	-	-	-	-	-	44	
	4/19/2007		190	BDL	6.8	BDL	2.2	BDL	BDL	BDL	-	-	-	-	-	199	
	6/2/2010		851	BDL	20.9	BDL	28.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	900	
	6/30/2014		BDL	BDL	9.3	0.19 J	17	BDL	1	BDL	BDL	BDL	BDL	0.43 J	BDL	27.9	
	11/9/2015							Unable to Locate Well - no sample									
	10/26/2016							Unable to Locate Well - no sample									
	9/12/2017							Unable to Locate Well - no sample									
	9/6/2018	BDL	BDL	BDL	5.9	BDL	12.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	18.6
	8/20/2019	BDL	BDL	BDL	BDL	BDL	1.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.8
	8/26/2020	BDL	3.3	BDL	2.5	BDL	3.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9.2
	8/17/2021	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0
	MW-13	11/6/2006		BDL	BDL	3.8	BDL	BDL	BDL	BDL	BDL	-	-	-	-	-	3.8
		4/19/2007		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	-	-	-	-	-	0
6/2/2010			25.9	BDL	1.96	BDL	9.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	36.9	
6/30/2014			1200	BDL	69	2.9 J	8.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1281	
11/9/2015		BDL	272	BDL	10.6	1	12.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	296.1	
10/25/2016		BDL	44.5	BDL	3.4	BDL	4.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	52.5	
9/12/2017		BDL	665	BDL	13.2	0.955	11.7	0.96	BDL	BDL	BDL	BDL	BDL	BDL	BDL	699	
9/5/2018		BDL	430	BDL	27.6	1.3	7.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	466.5	
8/19/2019		BDL	198	BDL	19.3	BDL	2.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	219.9	
8/26/2020		BDL	576	BDL	20.1	1.4	9.7	1.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	608.5	
8/16/2021		BDL	52.4	BDL	1.3	BDL	1.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	55.3	
MW-14	11/6/2006		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	-	-	-	-	-	0	
	4/18/2007		BDL	BDL	5.5	BDL	16	BDL	8.5	BDL	-	-	-	-	-	30	
	6/2/2010		1.59	1.49	2.12	BDL	2.96	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.16	
	7/1/2014		14	3.1	33	0.21 J	42	0.22 J	3.2	BDL	BDL	BDL	BDL	2.3	BDL	99.68	
	11/9/2015	BDL	BDL	1.2	10.5	BDL	1.8	BDL	BDL	BDL	BDL	BDL	BDL	1.6	BDL	12.3	
	10/25/2016	BDL	1.7	1.1	5.8	BDL	4.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	13	
	9/12/2017	BDL	3.91	4.33	19	BDL	18.7	BDL	BDL	BDL	BDL	BDL	BDL	0.845	BDL	46.8	
	9/5/2018	BDL	BDL	BDL	6.1	BDL	3.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9.6	
	8/19/2019	BDL	BDL	BDL	BDL	BDL	4.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.1	
	8/26/2020	BDL	BDL	BDL	3.6	BDL	8.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	12.3	
8/16/2021	BDL	14.1	BDL	5.5	BDL	16.3	BDL	BDL	BDL	BDL	BDL	BDL	1.2	BDL	37.1		

NYSDEC GWQS - New York State Department of Environmental conservation groundwater quality standards

"-" Not analyzed or sampled

"BDL" Below detection limit

"J" estimated concentration

"FB" Also detected in field blank sample

"1,1-DCA" 1,1-dichloroethane

"1,2-DCA" 1,2-dichloroethane

"1,1-DCE" 1,1-dichloroethene

"cis 1,2-DCE" cis-1,2-dichloroethene

"1,1,1-TCA" 1,1,1-Trichloroethane

"1,1,2-TCA" 1,1,2-Trichloroethane

"ODCB" 1,2-Dichlorobenzene

"MEK" 2-butanone (aka Methyl ethyl ketone)

Chloroethene (a.k.a. vinyl chloride)

Bold type and shading indicates an exceedance of GWQS



Appendix A

SITE WIDE INSPECTION FORM

SITE-WIDE INSPECTION FORM

Inspection Period: August 2020 through August 2021

Reason for inspection: ☒ 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: 8/16/21 2:00PM conducted by: Tim McCann

Weather: Cloudy 70s

Site remains industrial/commercial use? ☒ 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?

☒ 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?

☒ Yes ☐ No

If no, described monitoring well conditions: . _____

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

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

☒ Yes ☐ No

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

☒ 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 ☒ No . If Yes, describe: _____



Appendix B

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

Enclosure 1

Certification Instructions

I. Verification of Site Details (Box 1 and Box 2):

Answer the three questions in the Verification of Site Details Section. The Owner and/or Qualified Environmental Professional (QEP) may include handwritten changes and/or other supporting documentation, as necessary.

II. Certification of Institutional Controls/ Engineering Controls (IC/ECs)(Boxes 3, 4, and 5)

1.1.1. Review the listed IC/ECs, confirming that all existing controls are listed, and that all existing controls are still applicable. If there is a control that is no longer applicable the Owner / Remedial Party should petition the Department separately to request approval to remove the control.

2. In Box 5, complete certifications for all Plan components, as applicable, by checking the corresponding checkbox.

3. If you cannot certify "YES" for each Control listed in Box 3 & Box 4, sign and date the form in Box 5. Attach supporting documentation that explains why the **Certification** cannot be rendered, as well as a plan of proposed corrective measures, and an associated schedule for completing the corrective measures. Note that this **Certification** form must be submitted even if an IC or EC cannot be certified; however, the certification process will not be considered complete until corrective action is completed.

If the Department concurs with the explanation, the proposed corrective measures, and the proposed schedule, a letter authorizing the implementation of those corrective measures will be issued by the Department's Project Manager. Once the corrective measures are complete, a new Periodic Review Report (with IC/EC Certification) must be submitted within 45 days to the Department. If the Department has any questions or concerns regarding the PRR and/or completion of the IC/EC Certification, the Project Manager will contact you.

III. IC/EC Certification by Signature (Box 6 and Box 7):

If you certified "YES" for each Control, please complete and sign the IC/EC Certifications page as follows:

- For the Institutional Controls on the use of the property, the certification statement in Box 6 shall be completed and may be made by the property owner or designated representative.
- For the Engineering Controls, the certification statement in Box 7 must be completed by a Professional Engineer or Qualified Environmental Professional, as noted on the form.



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



Site Details

Box 1

Site No. **907044**

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, 2020 to September 18, 2021

YES NO

1. Is the information above correct?

X ☐ ☐

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?

☐ X ☐

3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?

☐ X ☐

4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?

☐ X ☐

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?

☐ X ☐

Box 2

YES NO

6. Is the current site use consistent with the use(s) listed below?
Industrial

X ☐ ☐

7. Are all ICs in place and functioning as designed?

X ☐ ☐

**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.

____ Timothy McCann _____
____ Signature of Owner, Remedial Party or Designated Representative _____

____ 10/4/21 _____
____ Date _____

Description of Institutional ControlsParcelOwnerInstitutional Control**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

- 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

- 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.
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- 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;
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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**ParcelEngineering Control**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

ParcelEngineering 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 MitigationMonitored 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

X ☐ ☐

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

X ☐ ☐

**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.

TimothyMcCann
Signature of Owner, Remedial Party or Designated Representative

10/4/21
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

10/4/21
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. McCann at 520 S. Main Street, Suite 2411-C, Akron, Ohio 44311,
print name print business address

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

Timothy N. McCann
Signature of Qualified Environmental Professional, for
the Owner or Remedial Party, Rendering Certification

Stamp
(Required for PE)

10/5/21

Enclosure 3
Periodic Review Report (PRR) General Guidance

- I. Executive Summary: (1/2-page or less)
 - A. Provide a brief summary of site, nature and extent of contamination, and remedial history.
 - B. Effectiveness of the Remedial Program - Provide overall conclusions regarding;
 1. progress made during the reporting period toward meeting the remedial objectives for the site
 2. the ultimate ability of the remedial program to achieve the remedial objectives for the site.
 - C. Compliance
 1. Identify any areas of non-compliance regarding the major elements of the Site Management Plan (SMP, i.e., the Institutional/Engineering Control (IC/EC) Plan, the Monitoring Plan, and the Operation & Maintenance (O&M) Plan).
 2. Propose steps to be taken and a schedule to correct any areas of non-compliance.
 - D. Recommendations
 1. recommend whether any changes to the SMP are needed
 2. recommend any changes to the frequency for submittal of PRRs (increase, decrease)
 3. recommend whether the requirements for discontinuing site management have been met.
- II. Site Overview (one page or less)
 - A. Describe the site location, boundaries (figure), significant features, surrounding area, and the nature and extent of contamination prior to site remediation.
 - B. Describe the chronology of the main features of the remedial program for the site, the components of the selected remedy, cleanup goals, site closure criteria, and any significant changes to the selected remedy that have been made since remedy selection.
- III. Evaluate Remedy Performance, Effectiveness, and Protectiveness

Using tables, graphs, charts and bulleted text to the extent practicable, describe the effectiveness of the remedy in achieving the remedial goals for the site. Base findings, recommendations, and conclusions on objective data. Evaluations and should be presented simply and concisely.
- IV. IC/EC Plan Compliance Report (if applicable)
 - A. IC/EC Requirements and Compliance
 1. Describe each control, its objective, and how performance of the control is evaluated.
 2. Summarize the status of each goal (whether it is fully in place and its effectiveness).
 3. Corrective Measures: describe steps proposed to address any deficiencies in ICECs.
 4. Conclusions and recommendations for changes.
 - B. IC/EC Certification
 1. The certification must be complete (even if there are IC/EC deficiencies), and certified by the appropriate party as set forth in a Department-approved certification form(s).
- V. Monitoring Plan Compliance Report (if applicable)
 - A. Components of the Monitoring Plan (tabular presentations preferred) - Describe the requirements of the monitoring plan by media (i.e., soil, groundwater, sediment, etc.) and by any remedial technologies being used at the site.
 - B. Summary of Monitoring Completed During Reporting Period - Describe the monitoring tasks actually completed during this PRR reporting period. Tables and/or figures should be used to show all data.
 - C. Comparisons with Remedial Objectives - Compare the results of all monitoring with the remedial objectives for the site. Include trend analyses where possible.
 - D. Monitoring Deficiencies - Describe any ways in which monitoring did not fully comply with the monitoring plan.
 - E. Conclusions and Recommendations for Changes - Provide overall conclusions regarding the monitoring completed and the resulting evaluations regarding remedial effectiveness.
- VI. Operation & Maintenance (O&M) Plan Compliance Report (if applicable)
 - A. Components of O&M Plan - Describe the requirements of the O&M plan including required activities, frequencies, recordkeeping, etc.
 - B. Summary of O&M Completed During Reporting Period - Describe the O&M tasks actually completed during this PRR reporting period.
 - C. Evaluation of Remedial Systems - Based upon the results of the O&M activities completed, evaluated

the ability of each component of the remedy subject to O&M requirements to perform as designed/expected.

- D. O&M Deficiencies - Identify any deficiencies in complying with the O&M plan during this PRR reporting period.
- E. Conclusions and Recommendations for Improvements - Provide an overall conclusion regarding O&M for the site and identify any suggested improvements requiring changes in the O&M Plan.

VII. Overall PRR Conclusions and Recommendations

- A. Compliance with SMP - For each component of the SMP (i.e., IC/EC, monitoring, O&M), summarize;
 - 1. whether all requirements of each plan were met during the reporting period
 - 2. any requirements not met
 - 3. proposed plans and a schedule for coming into full compliance.
- B. Performance and Effectiveness of the Remedy - Based upon your evaluation of the components of the SMP, form conclusions about the performance of each component and the ability of the remedy to achieve the remedial objectives for the site.
- C. Future PRR Submittals
 - 1. Recommend, with supporting justification, whether the frequency of the submittal of PRRs should be changed (either increased or decreased).
 - 2. If the requirements for site closure have been achieved, contact the Departments Project Manager for the site to determine what, if any, additional documentation is needed to support a decision to discontinue site management.

VIII. Additional Guidance

Additional guidance regarding the preparation and submittal of an acceptable PRR can be obtained from the Departments Project Manager for the site.



Appendix C

GROUNDWATER SAMPLING LOGS

GROUNDWATER MONITORING WELL SAMPLING LOG

WELL NO. MW-1

PROJECT: GW SAMPLING

LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY

SAMPLING DATE: 8/17/21 SAMPLED BY: TIM MCCANN/LANA OSTRY

SAMPLING METHOD: PERISTALTIC PUMP WEATHER: CLOUDY

SAMPLING TIME: 9:25 AMBIENT TEMP: 70s °F

WATER ELEVATION DATA:

METHOD OF MEASUREMENT: DEPTH SOUNDER:

WATER LEVEL GAUGE: X

DEPTH TO WATER (FT): 11.58

PURGE METHOD: PERISTALTIC PUMP / LOW FLOW

WAS WELL PUMPED DRY? YES X NO

TOTAL GALLONS PURGED: ~1.2 GALLONS

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
9:11	12.17	3.5	0.119	20.51	29.5	7.15	85
9:14	12.3	3.2	0.123	20.61	22.1	7.2	80
9:17	12.44	3.1	0.133	20.59	21.9	7.3	77
9:20	12.5	2.9	0.134	20.57	20.9	7.34	76
9:23	12.56	2.9	0.132	20.55	20.9	7.36	77

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-2PROJECT: GW SAMPLINGLOCATION: 201 WINCHESTER RD, LAKEWOOD, NYSAMPLING DATE: 8/17/21 SAMPLED BY: TIM MCCANN/LANA OSTRYSAMPLING METHOD: PERISTALTIC PUMP WEATHER: CLOUDYSAMPLING TIME: 8:30 AMBIENT TEMP: 70s °FWATER ELEVATION DATA:

METHOD OF MEASUREMENT: DEPTH SOUNDER: _____

WATER LEVEL GAUGE: XDEPTH TO WATER (FT): 11.47PURGE 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
819	11.93	0.3	0	21.05	61	7.61	128
822	12.01	0	0	20.96	12	7.86	116
825	12.08	0.6	0	20.84	12	7.88	109
828	12.11	0.6	0	20.81	11	7.87	109

Comments: Clear, no odor. No sheenConcrete in tact, well casing in tact, cap in tact , screws in tact

GROUNDWATER MONITORING WELL SAMPLING LOG

WELL NO. MW-2D

PROJECT: GW SAMPLING

LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY

SAMPLING DATE: 8/17/21 SAMPLED BY: TIM MCCANN/LANA OSTRY

SAMPLING METHOD: PERISTALTIC PUMP WEATHER: CLOUDY

SAMPLING TIME: 10:45 AMBIENT TEMP: 70s °F

WATER ELEVATION DATA:

METHOD OF MEASUREMENT: DEPTH SOUNDER:

WATER LEVEL GAUGE: X

DEPTH TO WATER (FT): 11.94

PURGE METHOD: PERISTALTIC PUMP / LOW FLOW

WAS WELL PUMPED DRY? YES X NO

TOTAL GALLONS PURGED: ~1.2 GALLONS

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
1029	12.65	526	0.161	22.01	0	8.25	-27
1032	13.00	496	0.163	21.73	0	8.19	-2
1035	13.05	352	0.164	21.49	0	8.15	-17
1038	13.4	260	0.165	21.4	0	8.1	23
1041	13.7	350	0.165	21.34	0	8.09	30
1044	13.9	348	0.165	21.21	0	8.08	31

Comments: Brown/grey, 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-3

PROJECT: GW SAMPLING

LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY

SAMPLING DATE: 8/16/21 SAMPLED BY: TIM MCCANN/LANA OSTRY

SAMPLING METHOD: PERISTALTIC PUMP WEATHER: SUNNY/CLOUDY

SAMPLING TIME: 13:53 AMBIENT TEMP: 70S °F

WATER ELEVATION DATA:

METHOD OF MEASUREMENT: DEPTH SOUNDER: _____

WATER LEVEL GAUGE: X

DEPTH TO WATER (FT): 11.45

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
1340	12.56	271	0.351	22.12	3.5	6.41	30
1343	12.56	148	0.296	21.85	4.5	6.41	52
1346	12.58	115	0.325	21.67	12.9	6.40	59
1349	12.58	118	0.327	21.67	12	6.40	63
1352	12.59	115	0.327	21.67	11.9	6.40	62

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-7

PROJECT: GW SAMPLING

LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY

SAMPLING DATE: 8/16/21 SAMPLED BY: TIM MCCANN/LANA OSTRY

SAMPLING METHOD: PERISTALTIC PUMP WEATHER: CLOUDY

SAMPLING TIME: 12:57PM AMBIENT TEMP: 70s °F

WATER ELEVATION DATA:

METHOD OF MEASUREMENT: DEPTH SOUNDER: _____

WATER LEVEL GAUGE: X

DEPTH TO WATER (FT): 14.07

PURGE METHOD: PERISTALTIC PUMP / LOW FLOW

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

WAS WELL PUMPED DRY? _____ YES X NO

TOTAL GALLONS PURGED: ~1.1 GALLONS

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
1245	13.95	9.6	0.477	23.01	15	5.8	37
1248	13.96	8.0	0.479	22.91	12.6	5.75	38
1251	13.97	8.4	0.477	22.72	9	5.74	43
1254	13.97	8.2	0.472	22.69	8.5	5.77	43
1257	13.97	8.7	0.471	22.69	8.6	5.8	41

Comments: Clear, No Sheen, No odor

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

GROUNDWATER MONITORING WELL SAMPLING LOG

WELL NO. MW-8

PROJECT: GW SAMPLING

LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY

SAMPLING DATE: 8/16/21 SAMPLED BY: TIM MCCANN/LANA OSTRY

SAMPLING METHOD: PERISTALTIC PUMP WEATHER: RAINY

SAMPLING TIME: 15:20 AMBIENT TEMP: 70S °F

WATER ELEVATION DATA:

METHOD OF MEASUREMENT: DEPTH SOUNDER:

WATER LEVEL GAUGE: X

DEPTH TO WATER (FT): 13.64

PURGE METHOD: PERISTALTIC PUMP / LOW FLOW

DEPTH OF PUMP BELOW TOP OF CASING (FT):

WAS WELL PUMPED DRY? YES X NO

TOTAL GALLONS PURGED: ~1.1 GALLON

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
1511	14.56	13.3	0.43	21	23.7	7.7	76
1514	14.87	12	0.43	21.26	22.5	7.73	53
1517	15.2	12	0.432	20.97	23	7.72	56
1520	15.5	12.4	0.438	20.96	22.5	7.7	58

Comments: Clear, No odor, No Sheen

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

GROUNDWATER MONITORING WELL SAMPLING LOG

WELL NO. MW-9

PROJECT: GW SAMPLING

LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY

SAMPLING DATE: 8/16/21 SAMPLED BY: TIM MCCANN/LANA OSTRY

SAMPLING METHOD: PERISTALTIC PUMP WEATHER: CLOUDY

SAMPLING TIME: 16:20 AMBIENT TEMP: 70S °F

WATER ELEVATION DATA:

METHOD OF MEASUREMENT: DEPTH SOUNDER: _____

WATER LEVEL GAUGE: X

DEPTH TO WATER (FT): 12.68

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
1506	12.2	2.1	0.552	20.84	34.6	7.27	84
1509	12.55	1.5	0.569	20.8	34.7	7.29	91
1512	12.9	1.5	0.57	20.65	33.6	7.29	93
1515	13.2	1.7	0.571	20.62	33.4	7.29	96
1518	13.33	1.6	0.573	20.58	33	7.27	96

Comments: Dark Brown/Grey, No odor, No Sheen

Concrete 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: 8/16/21 SAMPLED BY: TIM MCCANN/LANA OSTRY

SAMPLING METHOD: PERISTALTIC PUMP WEATHER: RAINY

SAMPLING TIME: 15:50 AMBIENT TEMP: 70S^F

WATER ELEVATION DATA:

METHOD OF MEASUREMENT: DEPTH SOUNDER:

WATER LEVEL GAUGE: X

DEPTH TO WATER (FT): 10.68

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

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
1538	11.01	35.2	0.725	21.18	16	7.16	76
1543	11.4	31.7	0.753	20.76	19.8	7.15	62
1544	11.68	31.4	0.76	20.71	12.4	7.14	58
1547	11.9	30.8	0.767	20.17	13	7.17	55
1550	12.08	30.8	0.766	20.16	12.7	7.16	53

Comments: Clear, No odor, No Sheen

Concrete in tact, screws in place, cap in place

Comments: Slight 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: 8/17/21 SAMPLED BY: TIM MCCANN/LANA OSTRY

SAMPLING METHOD: PERISTALTIC PUMP WEATHER: CLOUDY

SAMPLING TIME: 8:57 AMBIENT TEMP: 70S °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: ~1.1 GALLONS

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
843	10.79	20	0.102	21.05	123	6.51	135
846	10.86	17	0.078	20.92	120	6.57	133
849	10.95	10	0.071	20.9	120	6.58	126
852	11.01	10	0.071	20.85	118	6.59	124
855	11.08	9	0.07	20.75	115	6.6	120

Comments: Light Grey/clear, no odor,

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

GROUNDWATER MONITORING WELL SAMPLING LOG

WELL NO. MW-13

PROJECT: GW SAMPLING

LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY

SAMPLING DATE: 8/16/21 SAMPLED BY: TIM MCCANN/LANA OSTRY

SAMPLING METHOD: PERISTALTIC PUMP WEATHER: CLOUDY

SAMPLING TIME: 1423 AMBIENT TEMP: 70S °F

WATER ELEVATION DATA:

METHOD OF MEASUREMENT: DEPTH SOUNDER:

WATER LEVEL GAUGE: X

DEPTH TO WATER (FT): 10.81

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
1409	11.05	52	0.294	20.34	0	6.36	-19
1412	11.32	42	0.293	20.49	0	6.43	-26
1415	11.36	40	0.279	20.44	0	6.41	-24
1418	11.5	38	0.238	20.42	0	6.38	-17
1421	11.61	39	0.239	20.41	0	6.37	-19

Comments: Light Grey, Black particles, Sulfur-type Odor, No Sheen

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

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



Appendix D

ANALYTICAL LABORATORY REPORT

September 24, 2021

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

RE: Project: 08021-000009.00-Revised Report
Pace Project No.: 30436591

Dear Mr. McCann:

Enclosed are the analytical results for sample(s) received by the laboratory on August 19, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - 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: 08021-000009.00-Revised Report

Pace Project No.: 30436591

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

Guam Certification

Florida: Cert E871149 SEKS WET

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 SUMMARY

Project: 08021-000009.00-Revised Report

Pace Project No.: 30436591

Lab ID	Sample ID	Matrix	Date Collected	Date Received
30436591001	MW-1	Water	08/17/21 09:25	08/19/21 09:50
30436591002	MW-2	Water	08/17/21 08:30	08/19/21 09:50
30436591003	MW-2D	Water	08/17/21 10:45	08/19/21 09:50
30436591004	MW-3	Water	08/16/21 13:53	08/19/21 09:50
30436591005	MW-7	Water	08/16/21 12:57	08/19/21 09:50
30436591006	MW-8	Water	08/16/21 15:20	08/19/21 09:50
30436591007	MW-9	Water	08/16/21 16:20	08/19/21 09:50
30436591008	MW-10	Water	08/16/21 15:50	08/19/21 09:50
30436591009	MW-11	Water	08/17/21 10:30	08/19/21 09:50
30436591010	MW-12	Water	08/17/21 08:57	08/19/21 09:50
30436591011	MW-13	Water	08/16/21 14:23	08/19/21 09:50
30436591012	MW-14	Water	08/16/21 13:28	08/19/21 09:50
30436591013	Field Blank 1	Water	08/16/21 16:30	08/19/21 09:50
30436591014	Field Blank 2	Water	08/17/21 08:40	08/19/21 09:50
30436591015	Trip Blank	Water	08/11/21 00:01	08/19/21 09:50

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 08021-000009.00-Revised Report

Pace Project No.: 30436591

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30436591001	MW-1	EPA 8260C	LEL	52	PASI-PA
30436591002	MW-2	EPA 8260C	LEL	52	PASI-PA
30436591003	MW-2D	EPA 8260C	LEL	52	PASI-PA
30436591004	MW-3	EPA 8260C	LEL	52	PASI-PA
30436591005	MW-7	EPA 8260C	LEL	52	PASI-PA
30436591006	MW-8	EPA 8260C	LEL	52	PASI-PA
30436591007	MW-9	EPA 8260C	LEL	52	PASI-PA
30436591008	MW-10	EPA 8260C	LEL	52	PASI-PA
30436591009	MW-11	EPA 8260C	LEL	52	PASI-PA
30436591010	MW-12	EPA 8260C	LEL	52	PASI-PA
30436591011	MW-13	EPA 8260C	LEL	52	PASI-PA
30436591012	MW-14	EPA 8260C	LEL	52	PASI-PA
30436591013	Field Blank 1	EPA 8260C	LEL	52	PASI-PA
30436591014	Field Blank 2	EPA 8260C	LEL	52	PASI-PA
30436591015	Trip Blank	EPA 8260C	LEL	52	PASI-PA

PASI-PA = Pace Analytical Services - Greensburg

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 08021-000009.00-Revised Report

Pace Project No.: 30436591

Sample: MW-1		Lab ID: 30436591001	Collected: 08/17/21 09:25	Received: 08/19/21 09:50	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV		Analytical Method: EPA 8260C Pace Analytical Services - Greensburg						
Acetone	ND	ug/L	10.0	1		08/24/21 14:08	67-64-1	1c
Benzene	ND	ug/L	1.0	1		08/24/21 14:08	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		08/24/21 14:08	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/24/21 14:08	75-27-4	
Bromoform	ND	ug/L	1.0	1		08/24/21 14:08	75-25-2	
Bromomethane	ND	ug/L	1.0	1		08/24/21 14:08	74-83-9	CL
TOTAL BTEX	ND	ug/L	6.0	1		08/24/21 14:08		
2-Butanone (MEK)	ND	ug/L	10.0	1		08/24/21 14:08	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		08/24/21 14:08	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		08/24/21 14:08	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/24/21 14:08	108-90-7	
Chloroethane	ND	ug/L	1.0	1		08/24/21 14:08	75-00-3	
Chloroform	ND	ug/L	1.0	1		08/24/21 14:08	67-66-3	
Chloromethane	ND	ug/L	1.0	1		08/24/21 14:08	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		08/24/21 14:08	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 14:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 14:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 14:08	106-46-7	
1,1-Dichloroethane	3.3	ug/L	1.0	1		08/24/21 14:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/24/21 14:08	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/24/21 14:08	540-59-0	
1,1-Dichloroethene	5.9	ug/L	1.0	1		08/24/21 14:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/24/21 14:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/24/21 14:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/24/21 14:08	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/24/21 14:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/24/21 14:08	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		08/24/21 14:08	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		08/24/21 14:08	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/24/21 14:08	98-82-8	L1
Methylene Chloride	ND	ug/L	1.0	1		08/24/21 14:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		08/24/21 14:08	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/24/21 14:08	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		08/24/21 14:08	91-20-3	
Styrene	ND	ug/L	1.0	1		08/24/21 14:08	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/24/21 14:08	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		08/24/21 14:08	127-18-4	
Toluene	ND	ug/L	1.0	1		08/24/21 14:08	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/24/21 14:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/24/21 14:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/24/21 14:08	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		08/24/21 14:08	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/24/21 14:08	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/24/21 14:08	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		08/24/21 14:08	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		08/24/21 14:08	1330-20-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 08021-000009.00-Revised Report

Pace Project No.: 30436591

Sample: MW-1		Lab ID: 30436591001		Collected: 08/17/21 09:25		Received: 08/19/21 09:50		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV		Analytical Method: EPA 8260C Pace Analytical Services - Greensburg							
m&p-Xylene	ND	ug/L	2.0	1			08/24/21 14:08	179601-23-1	
o-Xylene	ND	ug/L	1.0	1			08/24/21 14:08	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	105	%.	70-130	1			08/24/21 14:08	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%.	70-130	1			08/24/21 14:08	17060-07-0	
Toluene-d8 (S)	96	%.	70-130	1			08/24/21 14:08	2037-26-5	
Dibromofluoromethane (S)	111	%.	70-130	1			08/24/21 14:08	1868-53-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 08021-000009.00-Revised Report

Pace Project No.: 30436591

Sample: MW-2		Lab ID: 30436591002		Collected: 08/17/21 08:30		Received: 08/19/21 09:50		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C MSV		Analytical Method: EPA 8260C Pace Analytical Services - Greensburg							
Acetone	ND	ug/L	10.0	1		08/24/21 14:33	67-64-1	1c	
Benzene	ND	ug/L	1.0	1		08/24/21 14:33	71-43-2		
Bromochloromethane	ND	ug/L	1.0	1		08/24/21 14:33	74-97-5		
Bromodichloromethane	ND	ug/L	1.0	1		08/24/21 14:33	75-27-4		
Bromoform	ND	ug/L	1.0	1		08/24/21 14:33	75-25-2		
Bromomethane	ND	ug/L	1.0	1		08/24/21 14:33	74-83-9	CL	
TOTAL BTEX	ND	ug/L	6.0	1		08/24/21 14:33			
2-Butanone (MEK)	ND	ug/L	10.0	1		08/24/21 14:33	78-93-3		
Carbon disulfide	ND	ug/L	1.0	1		08/24/21 14:33	75-15-0		
Carbon tetrachloride	ND	ug/L	1.0	1		08/24/21 14:33	56-23-5		
Chlorobenzene	ND	ug/L	1.0	1		08/24/21 14:33	108-90-7		
Chloroethane	8.6	ug/L	1.0	1		08/24/21 14:33	75-00-3		
Chloroform	ND	ug/L	1.0	1		08/24/21 14:33	67-66-3		
Chloromethane	ND	ug/L	1.0	1		08/24/21 14:33	74-87-3		
Dibromochloromethane	ND	ug/L	1.0	1		08/24/21 14:33	124-48-1		
1,2-Dichlorobenzene	1.3	ug/L	1.0	1		08/24/21 14:33	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 14:33	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 14:33	106-46-7		
1,1-Dichloroethane	7.1	ug/L	1.0	1		08/24/21 14:33	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	1		08/24/21 14:33	107-06-2		
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/24/21 14:33	540-59-0		
1,1-Dichloroethene	14.2	ug/L	1.0	1		08/24/21 14:33	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/24/21 14:33	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/24/21 14:33	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	1		08/24/21 14:33	78-87-5		
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/24/21 14:33	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/24/21 14:33	10061-02-6		
Ethylbenzene	ND	ug/L	1.0	1		08/24/21 14:33	100-41-4		
2-Hexanone	ND	ug/L	10.0	1		08/24/21 14:33	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/24/21 14:33	98-82-8	L1	
Methylene Chloride	ND	ug/L	1.0	1		08/24/21 14:33	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		08/24/21 14:33	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/24/21 14:33	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		08/24/21 14:33	91-20-3		
Styrene	ND	ug/L	1.0	1		08/24/21 14:33	100-42-5		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/24/21 14:33	79-34-5		
Tetrachloroethene	ND	ug/L	1.0	1		08/24/21 14:33	127-18-4		
Toluene	ND	ug/L	1.0	1		08/24/21 14:33	108-88-3		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/24/21 14:33	120-82-1		
1,1,1-Trichloroethane	8.0	ug/L	1.0	1		08/24/21 14:33	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/24/21 14:33	79-00-5		
Trichloroethene	ND	ug/L	1.0	1		08/24/21 14:33	79-01-6		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/24/21 14:33	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/24/21 14:33	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		08/24/21 14:33	75-01-4		
Xylene (Total)	ND	ug/L	3.0	1		08/24/21 14:33	1330-20-7		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 08021-000009.00-Revised Report

Pace Project No.: 30436591

Sample: MW-2		Lab ID: 30436591002		Collected: 08/17/21 08:30		Received: 08/19/21 09:50		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C MSV		Analytical Method: EPA 8260C Pace Analytical Services - Greensburg							
m&p-Xylene	ND	ug/L	2.0	1		08/24/21 14:33	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		08/24/21 14:33	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	101	%.	70-130	1		08/24/21 14:33	460-00-4		
1,2-Dichloroethane-d4 (S)	112	%.	70-130	1		08/24/21 14:33	17060-07-0		
Toluene-d8 (S)	94	%.	70-130	1		08/24/21 14:33	2037-26-5		
Dibromofluoromethane (S)	114	%.	70-130	1		08/24/21 14:33	1868-53-7		

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ANALYTICAL RESULTS

Project: 08021-000009.00-Revised Report

Pace Project No.: 30436591

Sample: MW-2D		Lab ID: 30436591003	Collected: 08/17/21 10:45	Received: 08/19/21 09:50	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV		Analytical Method: EPA 8260C Pace Analytical Services - Greensburg						
Acetone	ND	ug/L	10.0	1		08/24/21 14:59	67-64-1	1c
Benzene	ND	ug/L	1.0	1		08/24/21 14:59	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		08/24/21 14:59	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/24/21 14:59	75-27-4	
Bromoform	ND	ug/L	1.0	1		08/24/21 14:59	75-25-2	
Bromomethane	ND	ug/L	1.0	1		08/24/21 14:59	74-83-9	CL
TOTAL BTEX	ND	ug/L	6.0	1		08/24/21 14:59		
2-Butanone (MEK)	ND	ug/L	10.0	1		08/24/21 14:59	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		08/24/21 14:59	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		08/24/21 14:59	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/24/21 14:59	108-90-7	
Chloroethane	ND	ug/L	1.0	1		08/24/21 14:59	75-00-3	
Chloroform	ND	ug/L	1.0	1		08/24/21 14:59	67-66-3	
Chloromethane	ND	ug/L	1.0	1		08/24/21 14:59	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		08/24/21 14:59	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 14:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 14:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 14:59	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/24/21 14:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/24/21 14:59	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/24/21 14:59	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/24/21 14:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/24/21 14:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/24/21 14:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/24/21 14:59	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/24/21 14:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/24/21 14:59	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		08/24/21 14:59	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		08/24/21 14:59	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/24/21 14:59	98-82-8	L1
Methylene Chloride	ND	ug/L	1.0	1		08/24/21 14:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		08/24/21 14:59	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/24/21 14:59	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		08/24/21 14:59	91-20-3	
Styrene	ND	ug/L	1.0	1		08/24/21 14:59	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/24/21 14:59	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		08/24/21 14:59	127-18-4	
Toluene	ND	ug/L	1.0	1		08/24/21 14:59	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/24/21 14:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/24/21 14:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/24/21 14:59	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		08/24/21 14:59	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/24/21 14:59	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/24/21 14:59	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		08/24/21 14:59	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		08/24/21 14:59	1330-20-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 08021-000009.00-Revised Report

Pace Project No.: 30436591

Sample: MW-2D		Lab ID: 30436591003		Collected: 08/17/21 10:45		Received: 08/19/21 09:50		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV		Analytical Method: EPA 8260C Pace Analytical Services - Greensburg							
m&p-Xylene	ND	ug/L	2.0	1		08/24/21 14:59	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		08/24/21 14:59	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	104	%.	70-130	1		08/24/21 14:59	460-00-4		
1,2-Dichloroethane-d4 (S)	113	%.	70-130	1		08/24/21 14:59	17060-07-0		
Toluene-d8 (S)	96	%.	70-130	1		08/24/21 14:59	2037-26-5		
Dibromofluoromethane (S)	114	%.	70-130	1		08/24/21 14:59	1868-53-7		

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ANALYTICAL RESULTS

Project: 08021-000009.00-Revised Report

Pace Project No.: 30436591

Sample: MW-3		Lab ID: 30436591004		Collected: 08/16/21 13:53		Received: 08/19/21 09:50		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C MSV		Analytical Method: EPA 8260C Pace Analytical Services - Greensburg							
Acetone	ND	ug/L	10.0	1		08/24/21 15:25	67-64-1	1c	
Benzene	ND	ug/L	1.0	1		08/24/21 15:25	71-43-2		
Bromochloromethane	ND	ug/L	1.0	1		08/24/21 15:25	74-97-5		
Bromodichloromethane	ND	ug/L	1.0	1		08/24/21 15:25	75-27-4		
Bromoform	ND	ug/L	1.0	1		08/24/21 15:25	75-25-2		
Bromomethane	ND	ug/L	1.0	1		08/24/21 15:25	74-83-9	CL	
TOTAL BTEX	ND	ug/L	6.0	1		08/24/21 15:25			
2-Butanone (MEK)	ND	ug/L	10.0	1		08/24/21 15:25	78-93-3		
Carbon disulfide	ND	ug/L	1.0	1		08/24/21 15:25	75-15-0		
Carbon tetrachloride	ND	ug/L	1.0	1		08/24/21 15:25	56-23-5		
Chlorobenzene	ND	ug/L	1.0	1		08/24/21 15:25	108-90-7		
Chloroethane	2.2	ug/L	1.0	1		08/24/21 15:25	75-00-3		
Chloroform	ND	ug/L	1.0	1		08/24/21 15:25	67-66-3		
Chloromethane	ND	ug/L	1.0	1		08/24/21 15:25	74-87-3		
Dibromochloromethane	ND	ug/L	1.0	1		08/24/21 15:25	124-48-1		
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 15:25	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 15:25	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 15:25	106-46-7		
1,1-Dichloroethane	1.4	ug/L	1.0	1		08/24/21 15:25	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	1		08/24/21 15:25	107-06-2		
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/24/21 15:25	540-59-0		
1,1-Dichloroethene	19.0	ug/L	1.0	1		08/24/21 15:25	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/24/21 15:25	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/24/21 15:25	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	1		08/24/21 15:25	78-87-5		
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/24/21 15:25	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/24/21 15:25	10061-02-6		
Ethylbenzene	ND	ug/L	1.0	1		08/24/21 15:25	100-41-4		
2-Hexanone	ND	ug/L	10.0	1		08/24/21 15:25	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/24/21 15:25	98-82-8	L1	
Methylene Chloride	ND	ug/L	1.0	1		08/24/21 15:25	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		08/24/21 15:25	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/24/21 15:25	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		08/24/21 15:25	91-20-3		
Styrene	ND	ug/L	1.0	1		08/24/21 15:25	100-42-5		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/24/21 15:25	79-34-5		
Tetrachloroethene	ND	ug/L	1.0	1		08/24/21 15:25	127-18-4		
Toluene	ND	ug/L	1.0	1		08/24/21 15:25	108-88-3		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/24/21 15:25	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/24/21 15:25	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/24/21 15:25	79-00-5		
Trichloroethene	ND	ug/L	1.0	1		08/24/21 15:25	79-01-6		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/24/21 15:25	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/24/21 15:25	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		08/24/21 15:25	75-01-4		
Xylene (Total)	ND	ug/L	3.0	1		08/24/21 15:25	1330-20-7		

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ANALYTICAL RESULTS

Project: 08021-000009.00-Revised Report

Pace Project No.: 30436591

Sample: MW-3		Lab ID: 30436591004		Collected: 08/16/21 13:53		Received: 08/19/21 09:50		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV		Analytical Method: EPA 8260C Pace Analytical Services - Greensburg							
m&p-Xylene	ND	ug/L	2.0	1			08/24/21 15:25	179601-23-1	
o-Xylene	ND	ug/L	1.0	1			08/24/21 15:25	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%.	70-130	1			08/24/21 15:25	460-00-4	
1,2-Dichloroethane-d4 (S)	114	%.	70-130	1			08/24/21 15:25	17060-07-0	
Toluene-d8 (S)	98	%.	70-130	1			08/24/21 15:25	2037-26-5	
Dibromofluoromethane (S)	115	%.	70-130	1			08/24/21 15:25	1868-53-7	

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ANALYTICAL RESULTS

Project: 08021-000009.00-Revised Report

Pace Project No.: 30436591

Sample: MW-7		Lab ID: 30436591005		Collected: 08/16/21 12:57		Received: 08/19/21 09:50		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C MSV		Analytical Method: EPA 8260C Pace Analytical Services - Greensburg							
Acetone	ND	ug/L	10.0	1		08/24/21 15:50	67-64-1	1c	
Benzene	ND	ug/L	1.0	1		08/24/21 15:50	71-43-2		
Bromochloromethane	ND	ug/L	1.0	1		08/24/21 15:50	74-97-5		
Bromodichloromethane	ND	ug/L	1.0	1		08/24/21 15:50	75-27-4		
Bromoform	ND	ug/L	1.0	1		08/24/21 15:50	75-25-2		
Bromomethane	ND	ug/L	1.0	1		08/24/21 15:50	74-83-9	CL	
TOTAL BTEX	ND	ug/L	6.0	1		08/24/21 15:50			
2-Butanone (MEK)	ND	ug/L	10.0	1		08/24/21 15:50	78-93-3		
Carbon disulfide	ND	ug/L	1.0	1		08/24/21 15:50	75-15-0		
Carbon tetrachloride	ND	ug/L	1.0	1		08/24/21 15:50	56-23-5		
Chlorobenzene	ND	ug/L	1.0	1		08/24/21 15:50	108-90-7		
Chloroethane	ND	ug/L	1.0	1		08/24/21 15:50	75-00-3		
Chloroform	ND	ug/L	1.0	1		08/24/21 15:50	67-66-3		
Chloromethane	ND	ug/L	1.0	1		08/24/21 15:50	74-87-3		
Dibromochloromethane	ND	ug/L	1.0	1		08/24/21 15:50	124-48-1		
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 15:50	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 15:50	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 15:50	106-46-7		
1,1-Dichloroethane	3.3	ug/L	1.0	1		08/24/21 15:50	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	1		08/24/21 15:50	107-06-2		
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/24/21 15:50	540-59-0		
1,1-Dichloroethene	3.7	ug/L	1.0	1		08/24/21 15:50	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/24/21 15:50	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/24/21 15:50	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	1		08/24/21 15:50	78-87-5		
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/24/21 15:50	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/24/21 15:50	10061-02-6		
Ethylbenzene	ND	ug/L	1.0	1		08/24/21 15:50	100-41-4		
2-Hexanone	ND	ug/L	10.0	1		08/24/21 15:50	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/24/21 15:50	98-82-8	L1	
Methylene Chloride	ND	ug/L	1.0	1		08/24/21 15:50	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		08/24/21 15:50	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/24/21 15:50	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		08/24/21 15:50	91-20-3		
Styrene	ND	ug/L	1.0	1		08/24/21 15:50	100-42-5		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/24/21 15:50	79-34-5		
Tetrachloroethene	ND	ug/L	1.0	1		08/24/21 15:50	127-18-4		
Toluene	ND	ug/L	1.0	1		08/24/21 15:50	108-88-3		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/24/21 15:50	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/24/21 15:50	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/24/21 15:50	79-00-5		
Trichloroethene	ND	ug/L	1.0	1		08/24/21 15:50	79-01-6		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/24/21 15:50	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/24/21 15:50	108-67-8		
Vinyl chloride	3.8	ug/L	1.0	1		08/24/21 15:50	75-01-4		
Xylene (Total)	ND	ug/L	3.0	1		08/24/21 15:50	1330-20-7		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 08021-000009.00-Revised Report

Pace Project No.: 30436591

Sample: MW-7		Lab ID: 30436591005		Collected: 08/16/21 12:57		Received: 08/19/21 09:50		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C MSV		Analytical Method: EPA 8260C Pace Analytical Services - Greensburg							
m&p-Xylene	ND	ug/L	2.0	1		08/24/21 15:50	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		08/24/21 15:50	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	102	%.	70-130	1		08/24/21 15:50	460-00-4		
1,2-Dichloroethane-d4 (S)	114	%.	70-130	1		08/24/21 15:50	17060-07-0		
Toluene-d8 (S)	95	%.	70-130	1		08/24/21 15:50	2037-26-5		
Dibromofluoromethane (S)	115	%.	70-130	1		08/24/21 15:50	1868-53-7		

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ANALYTICAL RESULTS

Project: 08021-000009.00-Revised Report

Pace Project No.: 30436591

Sample: MW-8		Lab ID: 30436591006		Collected: 08/16/21 15:20		Received: 08/19/21 09:50		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C MSV		Analytical Method: EPA 8260C Pace Analytical Services - Greensburg							
Acetone	ND	ug/L	10.0	1		08/24/21 16:16	67-64-1	1c	
Benzene	ND	ug/L	1.0	1		08/24/21 16:16	71-43-2		
Bromochloromethane	ND	ug/L	1.0	1		08/24/21 16:16	74-97-5		
Bromodichloromethane	ND	ug/L	1.0	1		08/24/21 16:16	75-27-4		
Bromoform	ND	ug/L	1.0	1		08/24/21 16:16	75-25-2		
Bromomethane	ND	ug/L	1.0	1		08/24/21 16:16	74-83-9	CL	
TOTAL BTEX	ND	ug/L	6.0	1		08/24/21 16:16			
2-Butanone (MEK)	ND	ug/L	10.0	1		08/24/21 16:16	78-93-3		
Carbon disulfide	ND	ug/L	1.0	1		08/24/21 16:16	75-15-0		
Carbon tetrachloride	ND	ug/L	1.0	1		08/24/21 16:16	56-23-5		
Chlorobenzene	ND	ug/L	1.0	1		08/24/21 16:16	108-90-7		
Chloroethane	ND	ug/L	1.0	1		08/24/21 16:16	75-00-3		
Chloroform	ND	ug/L	1.0	1		08/24/21 16:16	67-66-3		
Chloromethane	ND	ug/L	1.0	1		08/24/21 16:16	74-87-3		
Dibromochloromethane	ND	ug/L	1.0	1		08/24/21 16:16	124-48-1		
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 16:16	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 16:16	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 16:16	106-46-7		
1,1-Dichloroethane	6.7	ug/L	1.0	1		08/24/21 16:16	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	1		08/24/21 16:16	107-06-2		
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/24/21 16:16	540-59-0		
1,1-Dichloroethene	6.1	ug/L	1.0	1		08/24/21 16:16	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/24/21 16:16	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/24/21 16:16	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	1		08/24/21 16:16	78-87-5		
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/24/21 16:16	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/24/21 16:16	10061-02-6		
Ethylbenzene	ND	ug/L	1.0	1		08/24/21 16:16	100-41-4		
2-Hexanone	ND	ug/L	10.0	1		08/24/21 16:16	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/24/21 16:16	98-82-8	L1	
Methylene Chloride	ND	ug/L	1.0	1		08/24/21 16:16	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		08/24/21 16:16	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/24/21 16:16	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		08/24/21 16:16	91-20-3		
Styrene	ND	ug/L	1.0	1		08/24/21 16:16	100-42-5		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/24/21 16:16	79-34-5		
Tetrachloroethene	ND	ug/L	1.0	1		08/24/21 16:16	127-18-4		
Toluene	ND	ug/L	1.0	1		08/24/21 16:16	108-88-3		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/24/21 16:16	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/24/21 16:16	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/24/21 16:16	79-00-5		
Trichloroethene	ND	ug/L	1.0	1		08/24/21 16:16	79-01-6		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/24/21 16:16	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/24/21 16:16	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		08/24/21 16:16	75-01-4		
Xylene (Total)	ND	ug/L	3.0	1		08/24/21 16:16	1330-20-7		

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ANALYTICAL RESULTS

Project: 08021-000009.00-Revised Report

Pace Project No.: 30436591

Sample: MW-8		Lab ID: 30436591006		Collected: 08/16/21 15:20		Received: 08/19/21 09:50		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV		Analytical Method: EPA 8260C Pace Analytical Services - Greensburg							
m&p-Xylene	ND	ug/L	2.0	1		08/24/21 16:16	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		08/24/21 16:16	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	105	%.	70-130	1		08/24/21 16:16	460-00-4		
1,2-Dichloroethane-d4 (S)	116	%.	70-130	1		08/24/21 16:16	17060-07-0		
Toluene-d8 (S)	97	%.	70-130	1		08/24/21 16:16	2037-26-5		
Dibromofluoromethane (S)	117	%.	70-130	1		08/24/21 16:16	1868-53-7		

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ANALYTICAL RESULTS

Project: 08021-000009.00-Revised Report

Pace Project No.: 30436591

Sample: MW-9		Lab ID: 30436591007		Collected: 08/16/21 16:20		Received: 08/19/21 09:50		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C MSV		Analytical Method: EPA 8260C Pace Analytical Services - Greensburg							
Acetone	ND	ug/L	10.0	1		08/24/21 19:15	67-64-1	1c	
Benzene	ND	ug/L	1.0	1		08/24/21 19:15	71-43-2		
Bromochloromethane	ND	ug/L	1.0	1		08/24/21 19:15	74-97-5		
Bromodichloromethane	ND	ug/L	1.0	1		08/24/21 19:15	75-27-4		
Bromoform	ND	ug/L	1.0	1		08/24/21 19:15	75-25-2		
Bromomethane	ND	ug/L	1.0	1		08/24/21 19:15	74-83-9	CL	
TOTAL BTEX	ND	ug/L	6.0	1		08/24/21 19:15			
2-Butanone (MEK)	ND	ug/L	10.0	1		08/24/21 19:15	78-93-3		
Carbon disulfide	ND	ug/L	1.0	1		08/24/21 19:15	75-15-0		
Carbon tetrachloride	ND	ug/L	1.0	1		08/24/21 19:15	56-23-5		
Chlorobenzene	ND	ug/L	1.0	1		08/24/21 19:15	108-90-7		
Chloroethane	ND	ug/L	1.0	1		08/24/21 19:15	75-00-3		
Chloroform	ND	ug/L	1.0	1		08/24/21 19:15	67-66-3		
Chloromethane	ND	ug/L	1.0	1		08/24/21 19:15	74-87-3		
Dibromochloromethane	ND	ug/L	1.0	1		08/24/21 19:15	124-48-1		
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 19:15	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 19:15	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 19:15	106-46-7		
1,1-Dichloroethane	69.8	ug/L	1.0	1		08/24/21 19:15	75-34-3		
1,2-Dichloroethane	2.0	ug/L	1.0	1		08/24/21 19:15	107-06-2		
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/24/21 19:15	540-59-0		
1,1-Dichloroethene	57.2	ug/L	1.0	1		08/24/21 19:15	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/24/21 19:15	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/24/21 19:15	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	1		08/24/21 19:15	78-87-5		
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/24/21 19:15	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/24/21 19:15	10061-02-6		
Ethylbenzene	ND	ug/L	1.0	1		08/24/21 19:15	100-41-4		
2-Hexanone	ND	ug/L	10.0	1		08/24/21 19:15	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/24/21 19:15	98-82-8	L1	
Methylene Chloride	ND	ug/L	1.0	1		08/24/21 19:15	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		08/24/21 19:15	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/24/21 19:15	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		08/24/21 19:15	91-20-3		
Styrene	ND	ug/L	1.0	1		08/24/21 19:15	100-42-5		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/24/21 19:15	79-34-5		
Tetrachloroethene	ND	ug/L	1.0	1		08/24/21 19:15	127-18-4		
Toluene	ND	ug/L	1.0	1		08/24/21 19:15	108-88-3		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/24/21 19:15	120-82-1		
1,1,1-Trichloroethane	1.9	ug/L	1.0	1		08/24/21 19:15	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/24/21 19:15	79-00-5		
Trichloroethene	ND	ug/L	1.0	1		08/24/21 19:15	79-01-6		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/24/21 19:15	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/24/21 19:15	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		08/24/21 19:15	75-01-4		
Xylene (Total)	ND	ug/L	3.0	1		08/24/21 19:15	1330-20-7		

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ANALYTICAL RESULTS

Project: 08021-000009.00-Revised Report

Pace Project No.: 30436591

Sample: MW-9		Lab ID: 30436591007		Collected: 08/16/21 16:20		Received: 08/19/21 09:50		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV		Analytical Method: EPA 8260C Pace Analytical Services - Greensburg							
m&p-Xylene		ND	ug/L	2.0	1		08/24/21 19:15	179601-23-1	
o-Xylene		ND	ug/L	1.0	1		08/24/21 19:15	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)		101	%.	70-130	1		08/24/21 19:15	460-00-4	
1,2-Dichloroethane-d4 (S)		117	%.	70-130	1		08/24/21 19:15	17060-07-0	
Toluene-d8 (S)		96	%.	70-130	1		08/24/21 19:15	2037-26-5	
Dibromofluoromethane (S)		119	%.	70-130	1		08/24/21 19:15	1868-53-7	

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ANALYTICAL RESULTS

Project: 08021-000009.00-Revised Report

Pace Project No.: 30436591

Sample: MW-10		Lab ID: 30436591008		Collected: 08/16/21 15:50		Received: 08/19/21 09:50		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C MSV		Analytical Method: EPA 8260C Pace Analytical Services - Greensburg							
Acetone	ND	ug/L	10.0	1		08/24/21 16:41	67-64-1	1c	
Benzene	ND	ug/L	1.0	1		08/24/21 16:41	71-43-2		
Bromochloromethane	ND	ug/L	1.0	1		08/24/21 16:41	74-97-5		
Bromodichloromethane	ND	ug/L	1.0	1		08/24/21 16:41	75-27-4		
Bromoform	ND	ug/L	1.0	1		08/24/21 16:41	75-25-2		
Bromomethane	ND	ug/L	1.0	1		08/24/21 16:41	74-83-9	CL	
TOTAL BTEX	ND	ug/L	6.0	1		08/24/21 16:41			
2-Butanone (MEK)	ND	ug/L	10.0	1		08/24/21 16:41	78-93-3		
Carbon disulfide	ND	ug/L	1.0	1		08/24/21 16:41	75-15-0		
Carbon tetrachloride	ND	ug/L	1.0	1		08/24/21 16:41	56-23-5		
Chlorobenzene	ND	ug/L	1.0	1		08/24/21 16:41	108-90-7		
Chloroethane	ND	ug/L	1.0	1		08/24/21 16:41	75-00-3		
Chloroform	ND	ug/L	1.0	1		08/24/21 16:41	67-66-3		
Chloromethane	ND	ug/L	1.0	1		08/24/21 16:41	74-87-3		
Dibromochloromethane	ND	ug/L	1.0	1		08/24/21 16:41	124-48-1		
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 16:41	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 16:41	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 16:41	106-46-7		
1,1-Dichloroethane	69.0	ug/L	1.0	1		08/24/21 16:41	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	1		08/24/21 16:41	107-06-2		
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/24/21 16:41	540-59-0		
1,1-Dichloroethene	9.7	ug/L	1.0	1		08/24/21 16:41	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/24/21 16:41	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/24/21 16:41	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	1		08/24/21 16:41	78-87-5		
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/24/21 16:41	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/24/21 16:41	10061-02-6		
Ethylbenzene	ND	ug/L	1.0	1		08/24/21 16:41	100-41-4		
2-Hexanone	ND	ug/L	10.0	1		08/24/21 16:41	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/24/21 16:41	98-82-8	L1	
Methylene Chloride	ND	ug/L	1.0	1		08/24/21 16:41	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		08/24/21 16:41	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/24/21 16:41	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		08/24/21 16:41	91-20-3		
Styrene	ND	ug/L	1.0	1		08/24/21 16:41	100-42-5		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/24/21 16:41	79-34-5		
Tetrachloroethene	ND	ug/L	1.0	1		08/24/21 16:41	127-18-4		
Toluene	ND	ug/L	1.0	1		08/24/21 16:41	108-88-3		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/24/21 16:41	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/24/21 16:41	71-55-6		
1,1,2-Trichloroethane	2.2	ug/L	1.0	1		08/24/21 16:41	79-00-5		
Trichloroethene	ND	ug/L	1.0	1		08/24/21 16:41	79-01-6		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/24/21 16:41	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/24/21 16:41	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		08/24/21 16:41	75-01-4		
Xylene (Total)	ND	ug/L	3.0	1		08/24/21 16:41	1330-20-7		

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ANALYTICAL RESULTS

Project: 08021-000009.00-Revised Report

Pace Project No.: 30436591

Sample: MW-10		Lab ID: 30436591008		Collected: 08/16/21 15:50		Received: 08/19/21 09:50		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV		Analytical Method: EPA 8260C Pace Analytical Services - Greensburg							
m&p-Xylene	ND	ug/L	2.0	1			08/24/21 16:41	179601-23-1	
o-Xylene	ND	ug/L	1.0	1			08/24/21 16:41	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%.	70-130	1			08/24/21 16:41	460-00-4	
1,2-Dichloroethane-d4 (S)	115	%.	70-130	1			08/24/21 16:41	17060-07-0	
Toluene-d8 (S)	98	%.	70-130	1			08/24/21 16:41	2037-26-5	
Dibromofluoromethane (S)	114	%.	70-130	1			08/24/21 16:41	1868-53-7	

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ANALYTICAL RESULTS

Project: 08021-000009.00-Revised Report

Pace Project No.: 30436591

Sample: MW-11		Lab ID: 30436591009	Collected: 08/17/21 10:30	Received: 08/19/21 09:50	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV		Analytical Method: EPA 8260C Pace Analytical Services - Greensburg						
Acetone	ND	ug/L	10.0	1		08/24/21 19:40	67-64-1	1c
Benzene	ND	ug/L	1.0	1		08/24/21 19:40	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		08/24/21 19:40	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/24/21 19:40	75-27-4	
Bromoform	ND	ug/L	1.0	1		08/24/21 19:40	75-25-2	
Bromomethane	ND	ug/L	1.0	1		08/24/21 19:40	74-83-9	CL
TOTAL BTEX	ND	ug/L	6.0	1		08/24/21 19:40		
2-Butanone (MEK)	ND	ug/L	10.0	1		08/24/21 19:40	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		08/24/21 19:40	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		08/24/21 19:40	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/24/21 19:40	108-90-7	
Chloroethane	ND	ug/L	1.0	1		08/24/21 19:40	75-00-3	
Chloroform	ND	ug/L	1.0	1		08/24/21 19:40	67-66-3	
Chloromethane	ND	ug/L	1.0	1		08/24/21 19:40	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		08/24/21 19:40	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 19:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 19:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 19:40	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/24/21 19:40	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/24/21 19:40	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/24/21 19:40	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/24/21 19:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/24/21 19:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/24/21 19:40	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/24/21 19:40	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/24/21 19:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/24/21 19:40	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		08/24/21 19:40	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		08/24/21 19:40	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/24/21 19:40	98-82-8	L1
Methylene Chloride	ND	ug/L	1.0	1		08/24/21 19:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		08/24/21 19:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/24/21 19:40	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		08/24/21 19:40	91-20-3	
Styrene	ND	ug/L	1.0	1		08/24/21 19:40	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/24/21 19:40	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		08/24/21 19:40	127-18-4	
Toluene	ND	ug/L	1.0	1		08/24/21 19:40	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/24/21 19:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/24/21 19:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/24/21 19:40	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		08/24/21 19:40	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/24/21 19:40	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/24/21 19:40	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		08/24/21 19:40	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		08/24/21 19:40	1330-20-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 08021-000009.00-Revised Report

Pace Project No.: 30436591

Sample: MW-11		Lab ID: 30436591009		Collected: 08/17/21 10:30		Received: 08/19/21 09:50		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C MSV		Analytical Method: EPA 8260C Pace Analytical Services - Greensburg							
m&p-Xylene	ND	ug/L	2.0	1		08/24/21 19:40	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		08/24/21 19:40	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	102	%.	70-130	1		08/24/21 19:40	460-00-4		
1,2-Dichloroethane-d4 (S)	115	%.	70-130	1		08/24/21 19:40	17060-07-0		
Toluene-d8 (S)	96	%.	70-130	1		08/24/21 19:40	2037-26-5		
Dibromofluoromethane (S)	116	%.	70-130	1		08/24/21 19:40	1868-53-7		

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ANALYTICAL RESULTS

Project: 08021-000009.00-Revised Report

Pace Project No.: 30436591

Sample: MW-12		Lab ID: 30436591010		Collected: 08/17/21 08:57		Received: 08/19/21 09:50		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C MSV	Analytical Method: EPA 8260C								
	Pace Analytical Services - Greensburg								
Acetone	ND	ug/L	10.0	1		08/24/21 17:07	67-64-1	1c	
Benzene	ND	ug/L	1.0	1		08/24/21 17:07	71-43-2		
Bromochloromethane	ND	ug/L	1.0	1		08/24/21 17:07	74-97-5		
Bromodichloromethane	ND	ug/L	1.0	1		08/24/21 17:07	75-27-4		
Bromoform	ND	ug/L	1.0	1		08/24/21 17:07	75-25-2		
Bromomethane	ND	ug/L	1.0	1		08/24/21 17:07	74-83-9	CL	
TOTAL BTEX	ND	ug/L	6.0	1		08/24/21 17:07			
2-Butanone (MEK)	ND	ug/L	10.0	1		08/24/21 17:07	78-93-3		
Carbon disulfide	ND	ug/L	1.0	1		08/24/21 17:07	75-15-0		
Carbon tetrachloride	ND	ug/L	1.0	1		08/24/21 17:07	56-23-5		
Chlorobenzene	ND	ug/L	1.0	1		08/24/21 17:07	108-90-7		
Chloroethane	ND	ug/L	1.0	1		08/24/21 17:07	75-00-3		
Chloroform	ND	ug/L	1.0	1		08/24/21 17:07	67-66-3		
Chloromethane	ND	ug/L	1.0	1		08/24/21 17:07	74-87-3		
Dibromochloromethane	ND	ug/L	1.0	1		08/24/21 17:07	124-48-1		
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 17:07	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 17:07	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 17:07	106-46-7		
1,1-Dichloroethane	ND	ug/L	1.0	1		08/24/21 17:07	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	1		08/24/21 17:07	107-06-2		
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/24/21 17:07	540-59-0		
1,1-Dichloroethene	ND	ug/L	1.0	1		08/24/21 17:07	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/24/21 17:07	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/24/21 17:07	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	1		08/24/21 17:07	78-87-5		
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/24/21 17:07	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/24/21 17:07	10061-02-6		
Ethylbenzene	ND	ug/L	1.0	1		08/24/21 17:07	100-41-4		
2-Hexanone	ND	ug/L	10.0	1		08/24/21 17:07	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/24/21 17:07	98-82-8	L1	
Methylene Chloride	ND	ug/L	1.0	1		08/24/21 17:07	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		08/24/21 17:07	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/24/21 17:07	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		08/24/21 17:07	91-20-3		
Styrene	ND	ug/L	1.0	1		08/24/21 17:07	100-42-5		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/24/21 17:07	79-34-5		
Tetrachloroethene	ND	ug/L	1.0	1		08/24/21 17:07	127-18-4		
Toluene	ND	ug/L	1.0	1		08/24/21 17:07	108-88-3		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/24/21 17:07	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/24/21 17:07	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/24/21 17:07	79-00-5		
Trichloroethene	ND	ug/L	1.0	1		08/24/21 17:07	79-01-6		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/24/21 17:07	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/24/21 17:07	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		08/24/21 17:07	75-01-4		
Xylene (Total)	ND	ug/L	3.0	1		08/24/21 17:07	1330-20-7		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 08021-000009.00-Revised Report

Pace Project No.: 30436591

Sample: MW-12		Lab ID: 30436591010		Collected: 08/17/21 08:57		Received: 08/19/21 09:50		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV		Analytical Method: EPA 8260C Pace Analytical Services - Greensburg							
m&p-Xylene	ND	ug/L	2.0	1			08/24/21 17:07	179601-23-1	
o-Xylene	ND	ug/L	1.0	1			08/24/21 17:07	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%.	70-130	1			08/24/21 17:07	460-00-4	
1,2-Dichloroethane-d4 (S)	117	%.	70-130	1			08/24/21 17:07	17060-07-0	
Toluene-d8 (S)	97	%.	70-130	1			08/24/21 17:07	2037-26-5	
Dibromofluoromethane (S)	117	%.	70-130	1			08/24/21 17:07	1868-53-7	

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ANALYTICAL RESULTS

Project: 08021-000009.00-Revised Report

Pace Project No.: 30436591

Sample: MW-13		Lab ID: 30436591011		Collected: 08/16/21 14:23		Received: 08/19/21 09:50		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C MSV		Analytical Method: EPA 8260C Pace Analytical Services - Greensburg							
Acetone	ND	ug/L	10.0	1		08/24/21 17:32	67-64-1	1c	
Benzene	ND	ug/L	1.0	1		08/24/21 17:32	71-43-2		
Bromochloromethane	ND	ug/L	1.0	1		08/24/21 17:32	74-97-5		
Bromodichloromethane	ND	ug/L	1.0	1		08/24/21 17:32	75-27-4		
Bromoform	ND	ug/L	1.0	1		08/24/21 17:32	75-25-2		
Bromomethane	ND	ug/L	1.0	1		08/24/21 17:32	74-83-9	CL	
TOTAL BTEX	ND	ug/L	6.0	1		08/24/21 17:32			
2-Butanone (MEK)	ND	ug/L	10.0	1		08/24/21 17:32	78-93-3		
Carbon disulfide	ND	ug/L	1.0	1		08/24/21 17:32	75-15-0		
Carbon tetrachloride	ND	ug/L	1.0	1		08/24/21 17:32	56-23-5		
Chlorobenzene	ND	ug/L	1.0	1		08/24/21 17:32	108-90-7		
Chloroethane	52.4	ug/L	1.0	1		08/24/21 17:32	75-00-3		
Chloroform	ND	ug/L	1.0	1		08/24/21 17:32	67-66-3		
Chloromethane	ND	ug/L	1.0	1		08/24/21 17:32	74-87-3		
Dibromochloromethane	ND	ug/L	1.0	1		08/24/21 17:32	124-48-1		
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 17:32	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 17:32	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 17:32	106-46-7		
1,1-Dichloroethane	1.3	ug/L	1.0	1		08/24/21 17:32	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	1		08/24/21 17:32	107-06-2		
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/24/21 17:32	540-59-0		
1,1-Dichloroethene	1.6	ug/L	1.0	1		08/24/21 17:32	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/24/21 17:32	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/24/21 17:32	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	1		08/24/21 17:32	78-87-5		
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/24/21 17:32	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/24/21 17:32	10061-02-6		
Ethylbenzene	ND	ug/L	1.0	1		08/24/21 17:32	100-41-4		
2-Hexanone	ND	ug/L	10.0	1		08/24/21 17:32	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/24/21 17:32	98-82-8	L1	
Methylene Chloride	ND	ug/L	1.0	1		08/24/21 17:32	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		08/24/21 17:32	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/24/21 17:32	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		08/24/21 17:32	91-20-3		
Styrene	ND	ug/L	1.0	1		08/24/21 17:32	100-42-5		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/24/21 17:32	79-34-5		
Tetrachloroethene	ND	ug/L	1.0	1		08/24/21 17:32	127-18-4		
Toluene	ND	ug/L	1.0	1		08/24/21 17:32	108-88-3		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/24/21 17:32	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/24/21 17:32	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/24/21 17:32	79-00-5		
Trichloroethene	ND	ug/L	1.0	1		08/24/21 17:32	79-01-6		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/24/21 17:32	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/24/21 17:32	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		08/24/21 17:32	75-01-4		
Xylene (Total)	ND	ug/L	3.0	1		08/24/21 17:32	1330-20-7		

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ANALYTICAL RESULTS

Project: 08021-000009.00-Revised Report

Pace Project No.: 30436591

Sample: MW-13		Lab ID: 30436591011		Collected: 08/16/21 14:23		Received: 08/19/21 09:50		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C MSV		Analytical Method: EPA 8260C Pace Analytical Services - Greensburg							
m&p-Xylene	ND	ug/L	2.0	1		08/24/21 17:32	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		08/24/21 17:32	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	101	%.	70-130	1		08/24/21 17:32	460-00-4		
1,2-Dichloroethane-d4 (S)	115	%.	70-130	1		08/24/21 17:32	17060-07-0		
Toluene-d8 (S)	95	%.	70-130	1		08/24/21 17:32	2037-26-5		
Dibromofluoromethane (S)	117	%.	70-130	1		08/24/21 17:32	1868-53-7		

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ANALYTICAL RESULTS

Project: 08021-000009.00-Revised Report

Pace Project No.: 30436591

Sample: MW-14		Lab ID: 30436591012		Collected: 08/16/21 13:28		Received: 08/19/21 09:50		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C MSV		Analytical Method: EPA 8260C Pace Analytical Services - Greensburg							
Acetone	ND	ug/L	10.0	1		08/24/21 17:58	67-64-1	1c	
Benzene	ND	ug/L	1.0	1		08/24/21 17:58	71-43-2		
Bromochloromethane	ND	ug/L	1.0	1		08/24/21 17:58	74-97-5		
Bromodichloromethane	ND	ug/L	1.0	1		08/24/21 17:58	75-27-4		
Bromoform	ND	ug/L	1.0	1		08/24/21 17:58	75-25-2		
Bromomethane	ND	ug/L	1.0	1		08/24/21 17:58	74-83-9	CL	
TOTAL BTEX	ND	ug/L	6.0	1		08/24/21 17:58			
2-Butanone (MEK)	ND	ug/L	10.0	1		08/24/21 17:58	78-93-3		
Carbon disulfide	ND	ug/L	1.0	1		08/24/21 17:58	75-15-0		
Carbon tetrachloride	ND	ug/L	1.0	1		08/24/21 17:58	56-23-5		
Chlorobenzene	ND	ug/L	1.0	1		08/24/21 17:58	108-90-7		
Chloroethane	14.1	ug/L	1.0	1		08/24/21 17:58	75-00-3		
Chloroform	ND	ug/L	1.0	1		08/24/21 17:58	67-66-3		
Chloromethane	ND	ug/L	1.0	1		08/24/21 17:58	74-87-3		
Dibromochloromethane	ND	ug/L	1.0	1		08/24/21 17:58	124-48-1		
1,2-Dichlorobenzene	1.2	ug/L	1.0	1		08/24/21 17:58	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 17:58	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 17:58	106-46-7		
1,1-Dichloroethane	5.5	ug/L	1.0	1		08/24/21 17:58	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	1		08/24/21 17:58	107-06-2		
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/24/21 17:58	540-59-0		
1,1-Dichloroethene	16.3	ug/L	1.0	1		08/24/21 17:58	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/24/21 17:58	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/24/21 17:58	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	1		08/24/21 17:58	78-87-5		
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/24/21 17:58	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/24/21 17:58	10061-02-6		
Ethylbenzene	ND	ug/L	1.0	1		08/24/21 17:58	100-41-4		
2-Hexanone	ND	ug/L	10.0	1		08/24/21 17:58	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/24/21 17:58	98-82-8	L1	
Methylene Chloride	ND	ug/L	1.0	1		08/24/21 17:58	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		08/24/21 17:58	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/24/21 17:58	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		08/24/21 17:58	91-20-3		
Styrene	ND	ug/L	1.0	1		08/24/21 17:58	100-42-5		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/24/21 17:58	79-34-5		
Tetrachloroethene	ND	ug/L	1.0	1		08/24/21 17:58	127-18-4		
Toluene	ND	ug/L	1.0	1		08/24/21 17:58	108-88-3		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/24/21 17:58	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/24/21 17:58	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/24/21 17:58	79-00-5		
Trichloroethene	ND	ug/L	1.0	1		08/24/21 17:58	79-01-6		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/24/21 17:58	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/24/21 17:58	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		08/24/21 17:58	75-01-4		
Xylene (Total)	ND	ug/L	3.0	1		08/24/21 17:58	1330-20-7		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 08021-000009.00-Revised Report

Pace Project No.: 30436591

Sample: MW-14		Lab ID: 30436591012		Collected: 08/16/21 13:28		Received: 08/19/21 09:50		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C MSV		Analytical Method: EPA 8260C Pace Analytical Services - Greensburg							
m&p-Xylene	ND	ug/L	2.0	1		08/24/21 17:58	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		08/24/21 17:58	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	103	%.	70-130	1		08/24/21 17:58	460-00-4		
1,2-Dichloroethane-d4 (S)	115	%.	70-130	1		08/24/21 17:58	17060-07-0		
Toluene-d8 (S)	97	%.	70-130	1		08/24/21 17:58	2037-26-5		
Dibromofluoromethane (S)	121	%.	70-130	1		08/24/21 17:58	1868-53-7		

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ANALYTICAL RESULTS

Project: 08021-000009.00-Revised Report

Pace Project No.: 30436591

Sample: Field Blank 1		Lab ID: 30436591013	Collected: 08/16/21 16:30	Received: 08/19/21 09:50	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV		Analytical Method: EPA 8260C Pace Analytical Services - Greensburg						
Acetone	ND	ug/L	10.0	1		08/24/21 18:23	67-64-1	1c
Benzene	ND	ug/L	1.0	1		08/24/21 18:23	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		08/24/21 18:23	74-97-5	
Bromodichloromethane	2.0	ug/L	1.0	1		08/24/21 18:23	75-27-4	
Bromoform	ND	ug/L	1.0	1		08/24/21 18:23	75-25-2	
Bromomethane	ND	ug/L	1.0	1		08/24/21 18:23	74-83-9	CL
TOTAL BTEX	ND	ug/L	6.0	1		08/24/21 18:23		
2-Butanone (MEK)	ND	ug/L	10.0	1		08/24/21 18:23	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		08/24/21 18:23	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		08/24/21 18:23	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/24/21 18:23	108-90-7	
Chloroethane	ND	ug/L	1.0	1		08/24/21 18:23	75-00-3	
Chloroform	19.5	ug/L	1.0	1		08/24/21 18:23	67-66-3	
Chloromethane	ND	ug/L	1.0	1		08/24/21 18:23	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		08/24/21 18:23	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 18:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 18:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 18:23	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/24/21 18:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/24/21 18:23	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/24/21 18:23	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/24/21 18:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/24/21 18:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/24/21 18:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/24/21 18:23	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/24/21 18:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/24/21 18:23	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		08/24/21 18:23	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		08/24/21 18:23	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/24/21 18:23	98-82-8	L1
Methylene Chloride	ND	ug/L	1.0	1		08/24/21 18:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		08/24/21 18:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/24/21 18:23	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		08/24/21 18:23	91-20-3	
Styrene	ND	ug/L	1.0	1		08/24/21 18:23	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/24/21 18:23	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		08/24/21 18:23	127-18-4	
Toluene	ND	ug/L	1.0	1		08/24/21 18:23	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/24/21 18:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/24/21 18:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/24/21 18:23	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		08/24/21 18:23	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/24/21 18:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/24/21 18:23	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		08/24/21 18:23	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		08/24/21 18:23	1330-20-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 08021-000009.00-Revised Report

Pace Project No.: 30436591

Sample: Field Blank 1		Lab ID: 30436591013		Collected: 08/16/21 16:30		Received: 08/19/21 09:50		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV		Analytical Method: EPA 8260C Pace Analytical Services - Greensburg							
m&p-Xylene	ND	ug/L	2.0	1		08/24/21 18:23	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		08/24/21 18:23	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	99	%.	70-130	1		08/24/21 18:23	460-00-4		
1,2-Dichloroethane-d4 (S)	117	%.	70-130	1		08/24/21 18:23	17060-07-0		
Toluene-d8 (S)	96	%.	70-130	1		08/24/21 18:23	2037-26-5		
Dibromofluoromethane (S)	115	%.	70-130	1		08/24/21 18:23	1868-53-7		

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ANALYTICAL RESULTS

Project: 08021-000009.00-Revised Report

Pace Project No.: 30436591

Sample: Field Blank 2		Lab ID: 30436591014	Collected: 08/17/21 08:40	Received: 08/19/21 09:50	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV		Analytical Method: EPA 8260C Pace Analytical Services - Greensburg						
Acetone	ND	ug/L	10.0	1		08/24/21 18:49	67-64-1	1c
Benzene	ND	ug/L	1.0	1		08/24/21 18:49	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		08/24/21 18:49	74-97-5	
Bromodichloromethane	2.0	ug/L	1.0	1		08/24/21 18:49	75-27-4	
Bromoform	ND	ug/L	1.0	1		08/24/21 18:49	75-25-2	
Bromomethane	ND	ug/L	1.0	1		08/24/21 18:49	74-83-9	CL
TOTAL BTEX	ND	ug/L	6.0	1		08/24/21 18:49		
2-Butanone (MEK)	ND	ug/L	10.0	1		08/24/21 18:49	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		08/24/21 18:49	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		08/24/21 18:49	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/24/21 18:49	108-90-7	
Chloroethane	ND	ug/L	1.0	1		08/24/21 18:49	75-00-3	
Chloroform	19.5	ug/L	1.0	1		08/24/21 18:49	67-66-3	
Chloromethane	ND	ug/L	1.0	1		08/24/21 18:49	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		08/24/21 18:49	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 18:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 18:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 18:49	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/24/21 18:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/24/21 18:49	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/24/21 18:49	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/24/21 18:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/24/21 18:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/24/21 18:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/24/21 18:49	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/24/21 18:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/24/21 18:49	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		08/24/21 18:49	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		08/24/21 18:49	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/24/21 18:49	98-82-8	L1
Methylene Chloride	ND	ug/L	1.0	1		08/24/21 18:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		08/24/21 18:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/24/21 18:49	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		08/24/21 18:49	91-20-3	
Styrene	ND	ug/L	1.0	1		08/24/21 18:49	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/24/21 18:49	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		08/24/21 18:49	127-18-4	
Toluene	ND	ug/L	1.0	1		08/24/21 18:49	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/24/21 18:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/24/21 18:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/24/21 18:49	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		08/24/21 18:49	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/24/21 18:49	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/24/21 18:49	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		08/24/21 18:49	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		08/24/21 18:49	1330-20-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 08021-000009.00-Revised Report

Pace Project No.: 30436591

Sample: Field Blank 2		Lab ID: 30436591014		Collected: 08/17/21 08:40		Received: 08/19/21 09:50		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV		Analytical Method: EPA 8260C Pace Analytical Services - Greensburg							
m&p-Xylene	ND	ug/L	2.0	1		08/24/21 18:49	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		08/24/21 18:49	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	106	%.	70-130	1		08/24/21 18:49	460-00-4		
1,2-Dichloroethane-d4 (S)	119	%.	70-130	1		08/24/21 18:49	17060-07-0		
Toluene-d8 (S)	95	%.	70-130	1		08/24/21 18:49	2037-26-5		
Dibromofluoromethane (S)	118	%.	70-130	1		08/24/21 18:49	1868-53-7		

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ANALYTICAL RESULTS

Project: 08021-000009.00-Revised Report

Pace Project No.: 30436591

Sample: Trip Blank		Lab ID: 30436591015		Collected: 08/11/21 00:01		Received: 08/19/21 09:50		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C MSV		Analytical Method: EPA 8260C Pace Analytical Services - Greensburg							
Acetone	ND	ug/L	10.0	1		08/24/21 13:42	67-64-1	1c	
Benzene	ND	ug/L	1.0	1		08/24/21 13:42	71-43-2		
Bromochloromethane	ND	ug/L	1.0	1		08/24/21 13:42	74-97-5		
Bromodichloromethane	ND	ug/L	1.0	1		08/24/21 13:42	75-27-4		
Bromoform	ND	ug/L	1.0	1		08/24/21 13:42	75-25-2		
Bromomethane	ND	ug/L	1.0	1		08/24/21 13:42	74-83-9	CL	
TOTAL BTEX	ND	ug/L	6.0	1		08/24/21 13:42			
2-Butanone (MEK)	ND	ug/L	10.0	1		08/24/21 13:42	78-93-3		
Carbon disulfide	ND	ug/L	1.0	1		08/24/21 13:42	75-15-0		
Carbon tetrachloride	ND	ug/L	1.0	1		08/24/21 13:42	56-23-5		
Chlorobenzene	ND	ug/L	1.0	1		08/24/21 13:42	108-90-7		
Chloroethane	ND	ug/L	1.0	1		08/24/21 13:42	75-00-3		
Chloroform	ND	ug/L	1.0	1		08/24/21 13:42	67-66-3		
Chloromethane	ND	ug/L	1.0	1		08/24/21 13:42	74-87-3		
Dibromochloromethane	ND	ug/L	1.0	1		08/24/21 13:42	124-48-1		
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 13:42	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 13:42	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/24/21 13:42	106-46-7		
1,1-Dichloroethane	ND	ug/L	1.0	1		08/24/21 13:42	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	1		08/24/21 13:42	107-06-2		
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/24/21 13:42	540-59-0		
1,1-Dichloroethene	ND	ug/L	1.0	1		08/24/21 13:42	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/24/21 13:42	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/24/21 13:42	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	1		08/24/21 13:42	78-87-5		
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/24/21 13:42	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/24/21 13:42	10061-02-6		
Ethylbenzene	ND	ug/L	1.0	1		08/24/21 13:42	100-41-4		
2-Hexanone	ND	ug/L	10.0	1		08/24/21 13:42	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/24/21 13:42	98-82-8	L1	
Methylene Chloride	5.9	ug/L	1.0	1		08/24/21 13:42	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		08/24/21 13:42	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/24/21 13:42	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		08/24/21 13:42	91-20-3		
Styrene	ND	ug/L	1.0	1		08/24/21 13:42	100-42-5		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/24/21 13:42	79-34-5		
Tetrachloroethene	ND	ug/L	1.0	1		08/24/21 13:42	127-18-4		
Toluene	ND	ug/L	1.0	1		08/24/21 13:42	108-88-3		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/24/21 13:42	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/24/21 13:42	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/24/21 13:42	79-00-5		
Trichloroethene	ND	ug/L	1.0	1		08/24/21 13:42	79-01-6		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/24/21 13:42	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/24/21 13:42	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		08/24/21 13:42	75-01-4		
Xylene (Total)	ND	ug/L	3.0	1		08/24/21 13:42	1330-20-7		

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ANALYTICAL RESULTS

Project: 08021-000009.00-Revised Report

Pace Project No.: 30436591

Sample: Trip Blank		Lab ID: 30436591015		Collected: 08/11/21 00:01		Received: 08/19/21 09:50		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV		Analytical Method: EPA 8260C Pace Analytical Services - Greensburg							
m&p-Xylene	ND	ug/L	2.0	1		08/24/21 13:42	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		08/24/21 13:42	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	104	%.	70-130	1		08/24/21 13:42	460-00-4		
1,2-Dichloroethane-d4 (S)	113	%.	70-130	1		08/24/21 13:42	17060-07-0		
Toluene-d8 (S)	98	%.	70-130	1		08/24/21 13:42	2037-26-5		
Dibromofluoromethane (S)	114	%.	70-130	1		08/24/21 13:42	1868-53-7		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 08021-000009.00-Revised Report

Pace Project No.: 30436591

QC Batch:	461454	Analysis Method:	EPA 8260C
QC Batch Method:	EPA 8260C	Analysis Description:	8260C MSV
		Laboratory:	Pace Analytical Services - Greensburg
Associated Lab Samples:	30436591001, 30436591002, 30436591003, 30436591004, 30436591005, 30436591006, 30436591007, 30436591008, 30436591009, 30436591010, 30436591011, 30436591012, 30436591013, 30436591014, 30436591015		

METHOD BLANK: 2227835

Matrix: Water

Associated Lab Samples: 30436591001, 30436591002, 30436591003, 30436591004, 30436591005, 30436591006, 30436591007, 30436591008, 30436591009, 30436591010, 30436591011, 30436591012, 30436591013, 30436591014, 30436591015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	08/24/21 12:26	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	08/24/21 12:26	
1,1,2-Trichloroethane	ug/L	ND	1.0	08/24/21 12:26	
1,1-Dichloroethane	ug/L	ND	1.0	08/24/21 12:26	
1,1-Dichloroethene	ug/L	ND	1.0	08/24/21 12:26	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	08/24/21 12:26	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	08/24/21 12:26	
1,2-Dichlorobenzene	ug/L	ND	1.0	08/24/21 12:26	
1,2-Dichloroethane	ug/L	ND	1.0	08/24/21 12:26	
1,2-Dichloroethene (Total)	ug/L	ND	2.0	08/24/21 12:26	
1,2-Dichloropropane	ug/L	ND	1.0	08/24/21 12:26	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	08/24/21 12:26	
1,3-Dichlorobenzene	ug/L	ND	1.0	08/24/21 12:26	
1,4-Dichlorobenzene	ug/L	ND	1.0	08/24/21 12:26	
2-Butanone (MEK)	ug/L	ND	10.0	08/24/21 12:26	
2-Hexanone	ug/L	ND	10.0	08/24/21 12:26	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	08/24/21 12:26	
Acetone	ug/L	ND	10.0	08/24/21 12:26	1c
Benzene	ug/L	ND	1.0	08/24/21 12:26	
Bromochloromethane	ug/L	ND	1.0	08/24/21 12:26	
Bromodichloromethane	ug/L	ND	1.0	08/24/21 12:26	
Bromoform	ug/L	ND	1.0	08/24/21 12:26	
Bromomethane	ug/L	ND	1.0	08/24/21 12:26	CL
Carbon disulfide	ug/L	ND	1.0	08/24/21 12:26	
Carbon tetrachloride	ug/L	ND	1.0	08/24/21 12:26	
Chlorobenzene	ug/L	ND	1.0	08/24/21 12:26	
Chloroethane	ug/L	ND	1.0	08/24/21 12:26	
Chloroform	ug/L	ND	1.0	08/24/21 12:26	
Chloromethane	ug/L	ND	1.0	08/24/21 12:26	
cis-1,2-Dichloroethene	ug/L	ND	1.0	08/24/21 12:26	
cis-1,3-Dichloropropene	ug/L	ND	1.0	08/24/21 12:26	
Dibromochloromethane	ug/L	ND	1.0	08/24/21 12:26	
Ethylbenzene	ug/L	ND	1.0	08/24/21 12:26	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	08/24/21 12:26	
m&p-Xylene	ug/L	ND	2.0	08/24/21 12:26	
Methyl-tert-butyl ether	ug/L	ND	1.0	08/24/21 12:26	
Methylene Chloride	ug/L	ND	1.0	08/24/21 12:26	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 08021-000009.00-Revised Report

Pace Project No.: 30436591

METHOD BLANK: 2227835

Matrix: Water

Associated Lab Samples: 30436591001, 30436591002, 30436591003, 30436591004, 30436591005, 30436591006, 30436591007, 30436591008, 30436591009, 30436591010, 30436591011, 30436591012, 30436591013, 30436591014, 30436591015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Naphthalene	ug/L	ND	2.0	08/24/21 12:26	
o-Xylene	ug/L	ND	1.0	08/24/21 12:26	
Styrene	ug/L	ND	1.0	08/24/21 12:26	
Tetrachloroethene	ug/L	ND	1.0	08/24/21 12:26	
Toluene	ug/L	ND	1.0	08/24/21 12:26	
TOTAL BTEX	ug/L	ND	6.0	08/24/21 12:26	
trans-1,2-Dichloroethene	ug/L	ND	1.0	08/24/21 12:26	
trans-1,3-Dichloropropene	ug/L	ND	1.0	08/24/21 12:26	
Trichloroethene	ug/L	ND	1.0	08/24/21 12:26	
Vinyl chloride	ug/L	ND	1.0	08/24/21 12:26	
Xylene (Total)	ug/L	ND	3.0	08/24/21 12:26	
1,2-Dichloroethane-d4 (S)	%	109	70-130	08/24/21 12:26	
4-Bromofluorobenzene (S)	%	105	70-130	08/24/21 12:26	
Dibromofluoromethane (S)	%	110	70-130	08/24/21 12:26	
Toluene-d8 (S)	%	98	70-130	08/24/21 12:26	

LABORATORY CONTROL SAMPLE: 2227836

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	24.0	120	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	23.7	119	70-130	
1,1,2-Trichloroethane	ug/L	20	22.1	111	70-130	
1,1-Dichloroethane	ug/L	20	22.5	113	70-130	
1,1-Dichloroethene	ug/L	20	21.4	107	70-130	
1,2,4-Trichlorobenzene	ug/L	20	23.4	117	70-130	
1,2,4-Trimethylbenzene	ug/L	20	23.5	118	70-130	
1,2-Dichlorobenzene	ug/L	20	23.3	116	70-130	
1,2-Dichloroethane	ug/L	20	21.7	108	70-130	
1,2-Dichloroethene (Total)	ug/L	40	43.1	108	70-130	
1,2-Dichloropropane	ug/L	20	22.5	112	70-130	
1,3,5-Trimethylbenzene	ug/L	20	23.3	116	70-130	
1,3-Dichlorobenzene	ug/L	20	23.4	117	70-130	
1,4-Dichlorobenzene	ug/L	20	22.8	114	70-130	
2-Butanone (MEK)	ug/L	20	20.6	103	70-130	
2-Hexanone	ug/L	20	17.8	89	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	20	18.1	91	70-130	
Acetone	ug/L	20	21.4	107	67-173 1c	
Benzene	ug/L	20	21.9	109	70-130	
Bromochloromethane	ug/L	20	21.7	108	70-130	
Bromodichloromethane	ug/L	20	22.1	111	70-130	
Bromoform	ug/L	20	19.1	95	63-119	
Bromomethane	ug/L	20	19.6	98	24-159 CL	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 08021-000009.00-Revised Report

Pace Project No.: 30436591

LABORATORY CONTROL SAMPLE: 2227836

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon disulfide	ug/L	20	19.7	98	57-132	
Carbon tetrachloride	ug/L	20	24.9	125	70-130	
Chlorobenzene	ug/L	20	22.5	112	70-130	
Chloroethane	ug/L	20	20.9	104	62-145	
Chloroform	ug/L	20	20.8	104	70-130	
Chloromethane	ug/L	20	20.9	105	66-140	
cis-1,2-Dichloroethene	ug/L	20	21.1	105	70-130	
cis-1,3-Dichloropropene	ug/L	20	21.8	109	70-130	
Dibromochloromethane	ug/L	20	20.1	101	70-130	
Ethylbenzene	ug/L	20	22.9	114	70-130	
Isopropylbenzene (Cumene)	ug/L	20	26.6	133	70-130	L1
m&p-Xylene	ug/L	40	45.7	114	70-130	
Methyl-tert-butyl ether	ug/L	20	20.8	104	70-130	
Methylene Chloride	ug/L	20	21.9	110	70-130	
Naphthalene	ug/L	20	19.8	99	55-160	
o-Xylene	ug/L	20	21.5	107	70-130	
Styrene	ug/L	20	23.9	119	70-130	
Tetrachloroethene	ug/L	20	23.4	117	70-130	
Toluene	ug/L	20	22.3	112	70-130	
TOTAL BTEX	ug/L	120	134	112	70-130	
trans-1,2-Dichloroethene	ug/L	20	22.0	110	70-130	
trans-1,3-Dichloropropene	ug/L	20	22.1	111	70-130	
Trichloroethene	ug/L	20	21.5	108	70-130	
Vinyl chloride	ug/L	20	22.7	113	70-130	
Xylene (Total)	ug/L	60	67.2	112	70-130	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Dibromofluoromethane (S)	%			97	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2227837 2227838

Parameter	Units	30436748001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	ND	20	20	20.4	19.7	102	98	55-146	4	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	21.3	18.0	106	90	55-118	17	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	19.7	18.0	98	90	61-122	9	30	
1,1-Dichloroethane	ug/L	ND	20	20	19.8	18.4	99	92	59-130	7	30	
1,1-Dichloroethene	ug/L	ND	20	20	18.3	17.5	91	88	52-119	4	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	17.8	16.2	89	81	38-146	9	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	17.8	16.2	89	81	52-151	9	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	19.1	17.2	95	86	58-126	10	30	
1,2-Dichloroethane	ug/L	ND	20	20	19.5	16.8	97	84	49-135	15	30	
1,2-Dichloroethene (Total)	ug/L	ND	40	40	36.1	33.9	90	85	61-119	6	30	
1,2-Dichloropropane	ug/L	ND	20	20	19.7	17.9	99	90	67-121	10	30	

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QUALITY CONTROL DATA

Project: 08021-000009.00-Revised Report

Pace Project No.: 30436591

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2227837 2227838											
Parameter	Units	30436748001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
1,3,5-Trimethylbenzene	ug/L	ND	20	20	17.8	16.3	89	81	53-142	9	30
1,3-Dichlorobenzene	ug/L	ND	20	20	19.2	17.3	96	87	56-130	11	30
1,4-Dichlorobenzene	ug/L	ND	20	20	18.5	16.5	93	82	60-121	12	30
2-Butanone (MEK)	ug/L	ND	20	20	18.0	13.9	90	70	59-138	25	30
2-Hexanone	ug/L	ND	20	20	14.8	11.9	74	60	66-123	21	30 ML
4-Methyl-2-pentanone (MIBK)	ug/L	ND	20	20	15.1	12.1	76	60	70-130	22	30 ML
Acetone	ug/L	ND	20	20	19.4	17.8	87	79	57-140	9	30 1c
Benzene	ug/L	ND	20	20	18.5	17.2	93	86	50-149	7	30
Bromochloromethane	ug/L	ND	20	20	20.5	18.0	102	90	63-120	13	30
Bromodichloromethane	ug/L	ND	20	20	18.9	16.6	94	83	46-131	13	30
Bromoform	ug/L	ND	20	20	15.2	12.3	76	62	30-119	20	30
Bromomethane	ug/L	ND	20	20	16.2	16.3	77	78	10-163	1	30 CL
Carbon disulfide	ug/L	ND	20	20	16.8	15.3	84	77	41-116	9	30
Carbon tetrachloride	ug/L	ND	20	20	19.0	17.9	95	89	55-119	6	30
Chlorobenzene	ug/L	ND	20	20	19.3	17.9	96	90	66-124	7	30
Chloroethane	ug/L	ND	20	20	19.1	19.1	95	96	45-162	0	30
Chloroform	ug/L	ND	20	20	18.2	17.1	91	86	56-123	6	30
Chloromethane	ug/L	ND	20	20	16.8	17.2	84	86	49-150	2	30
cis-1,2-Dichloroethene	ug/L	ND	20	20	17.5	16.3	87	82	63-116	7	30
cis-1,3-Dichloropropene	ug/L	ND	20	20	16.8	15.3	84	77	46-119	9	30
Dibromochloromethane	ug/L	ND	20	20	17.3	14.4	86	72	42-120	18	30
Ethylbenzene	ug/L	ND	20	20	18.6	17.4	93	87	63-135	6	30
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20.2	18.9	101	95	50-167	7	30
m&p-Xylene	ug/L	ND	40	40	37.1	35.9	93	90	63-135	3	30
Methyl-tert-butyl ether	ug/L	ND	20	20	16.9	13.9	84	70	53-123	19	30
Methylene Chloride	ug/L	ND	20	20	18.9	17.4	94	87	57-132	8	30
Naphthalene	ug/L	ND	20	20	14.5	12.8	73	64	30-157	13	30
o-Xylene	ug/L	ND	20	20	16.8	16.0	84	80	57-133	5	30
Styrene	ug/L	ND	20	20	19.1	17.3	95	87	58-130	10	30
Tetrachloroethene	ug/L	ND	20	20	19.3	19.1	96	96	61-132	1	30
Toluene	ug/L	ND	20	20	18.3	17.4	91	87	59-139	5	30
TOTAL BTEX	ug/L	ND	120	120	109	104	91	87	50-149	5	30
trans-1,2-Dichloroethene	ug/L	ND	20	20	18.7	17.6	93	88	60-124	6	30
trans-1,3-Dichloropropene	ug/L	ND	20	20	17.5	16.0	88	80	48-121	9	30
Trichloroethene	ug/L	ND	20	20	19.1	17.4	96	87	63-128	9	30
Vinyl chloride	ug/L	ND	20	20	18.8	18.9	94	95	67-141	1	30
Xylene (Total)	ug/L	ND	60	60	53.8	51.9	90	87	63-135	4	30
1,2-Dichloroethane-d4 (S)	%						102	102	70-130		
4-Bromofluorobenzene (S)	%						94	94	70-130		
Dibromofluoromethane (S)	%						101	103	70-130		
Toluene-d8 (S)	%						98	99	70-130		

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 08021-000009.00-Revised Report

Pace Project No.: 30436591

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

1c	The analyte did not meet the method recommended minimum RF.
CL	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased low.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
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: 08021-000009.00-Revised Report

Pace Project No.: 30436591

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
30436591001	MW-1	EPA 8260C	461454		
30436591002	MW-2	EPA 8260C	461454		
30436591003	MW-2D	EPA 8260C	461454		
30436591004	MW-3	EPA 8260C	461454		
30436591005	MW-7	EPA 8260C	461454		
30436591006	MW-8	EPA 8260C	461454		
30436591007	MW-9	EPA 8260C	461454		
30436591008	MW-10	EPA 8260C	461454		
30436591009	MW-11	EPA 8260C	461454		
30436591010	MW-12	EPA 8260C	461454		
30436591011	MW-13	EPA 8260C	461454		
30436591012	MW-14	EPA 8260C	461454		
30436591013	Field Blank 1	EPA 8260C	461454		
30436591014	Field Blank 2	EPA 8260C	461454		
30436591015	Trip Blank	EPA 8260C	461454		

REPORT OF LABORATORY ANALYSIS

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Sample Receiving Non-Conformance Form (NCF)

Date: 8/18/21	Evaluated by: A. Rock
Client: Apex Companies	

WO#: 30436591
PM: SMB
Due Date: 09/02/21
CLIENT: BUREAUVERITA

1. If Chain-of-Custody (COC) is not received: contact client and if necessary, fill out a COC and indicate that it is out by lab personnel. Note issues on this NCF.

2. If COC is incomplete, check applicable issues below and add details where appropriate:			
Collection date/time missing or incorrect	Analyses or analytes: missing or clarification needed	Samples listed on COC do not match samples received (missing, additional, etc.)	
Sample IDs on COC do not match sample labels	Required trip blanks were not received	Required signatures are missing	

Comments/Details/Other Issues not listed above:

Sample 003 MW-2D? is MW20 on sample times/dates match

3. Sample integrity issues: check applicable issues below and add details where appropriate:			
Samples: Past holding time	Samples: Condition needs to be brought to lab personnel's attention (details below)	Preservation: Improper	
Samples: Not field filtered	Containers: Broken or compromised	Temperature: not within acceptance criteria (typically 0-6C)	
Samples: Insufficient volume received	Containers: Incorrect	Temperature: Samples arrived frozen	
Samples: Cooler damaged or compromised	Custody Seals: Missing or compromised on samples, trip blanks or coolers	Vials received with improper headspace	
Samples: contain chlorine or sulfides	Packing Material: Insufficient/Improper	Other:	

Comments/Details:

NO preservation listed

4. If Samples not preserved properly and Sample Receiving adjusts pH, add details below:		
Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:
Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:
Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:

5. Client Contact: If client is contacted for any issue listed above, fill in details below:		
Client:	Contacted per:	
PM Initials:	Date/Time:	
Client Comments/Instructions:		



Appendix E

PURGE WATER MANIFEST

PHONE 585-313-4845

BILL TO CUSTOMER#
LE10377

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

PURCHASE ORDER#

TAX EXEMPT#

SERVICES/PRODUCT	PRODUCT/SERVICES	QTY	UNIT PRICE	TAX	TOTALCHARGE
875480 / 1955579	CNOS 55GL NON HAZ SEMI SLDS	1.0	290.49	23.24	313.73
100030	RECOVERY FEE	1.0	23.24	1.86	25.1
TOTAL SERVICE/PRODUCTS			313.73	25.10	338.83
TOTAL CHARGE					338.83
CREDITS					0.00
TOTAL DUE					338.83

UNPAID BALANCE THIS RECEIPT 338.83

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

MANIFEST#:

FORM CD : NR

SHIP# 235454622

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# 211012431287 SZ: 55 GAL/205 L CONTAINERS QTY: 200 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

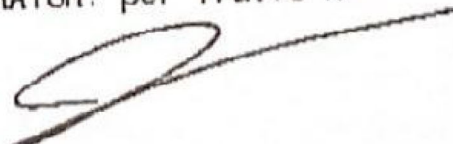
FACILITY STATE ID NO 9390610002

GENERATOR STATUS

0-220 lbs/month



CUSTOMER / GENERATOR: per Travis M

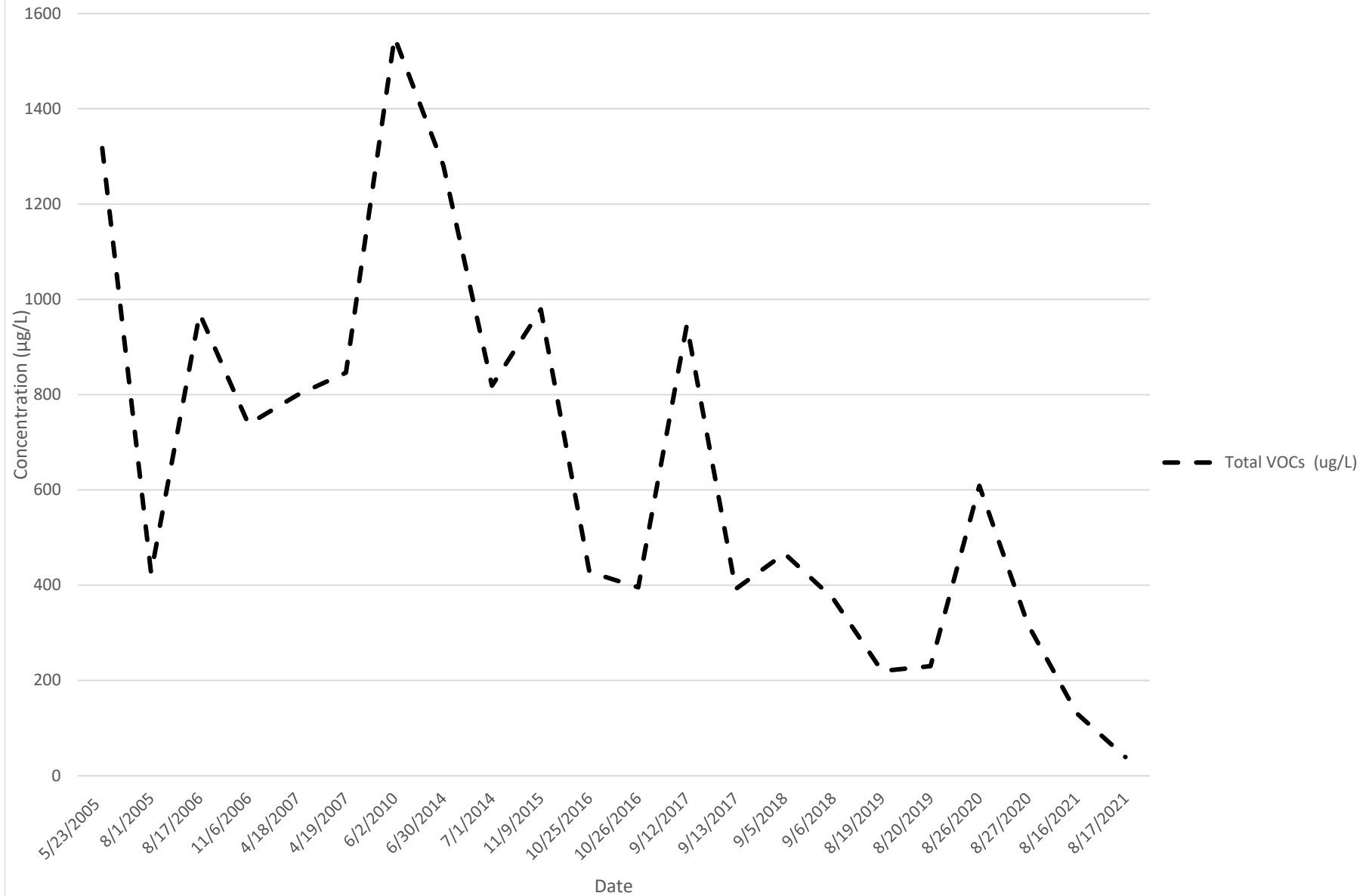




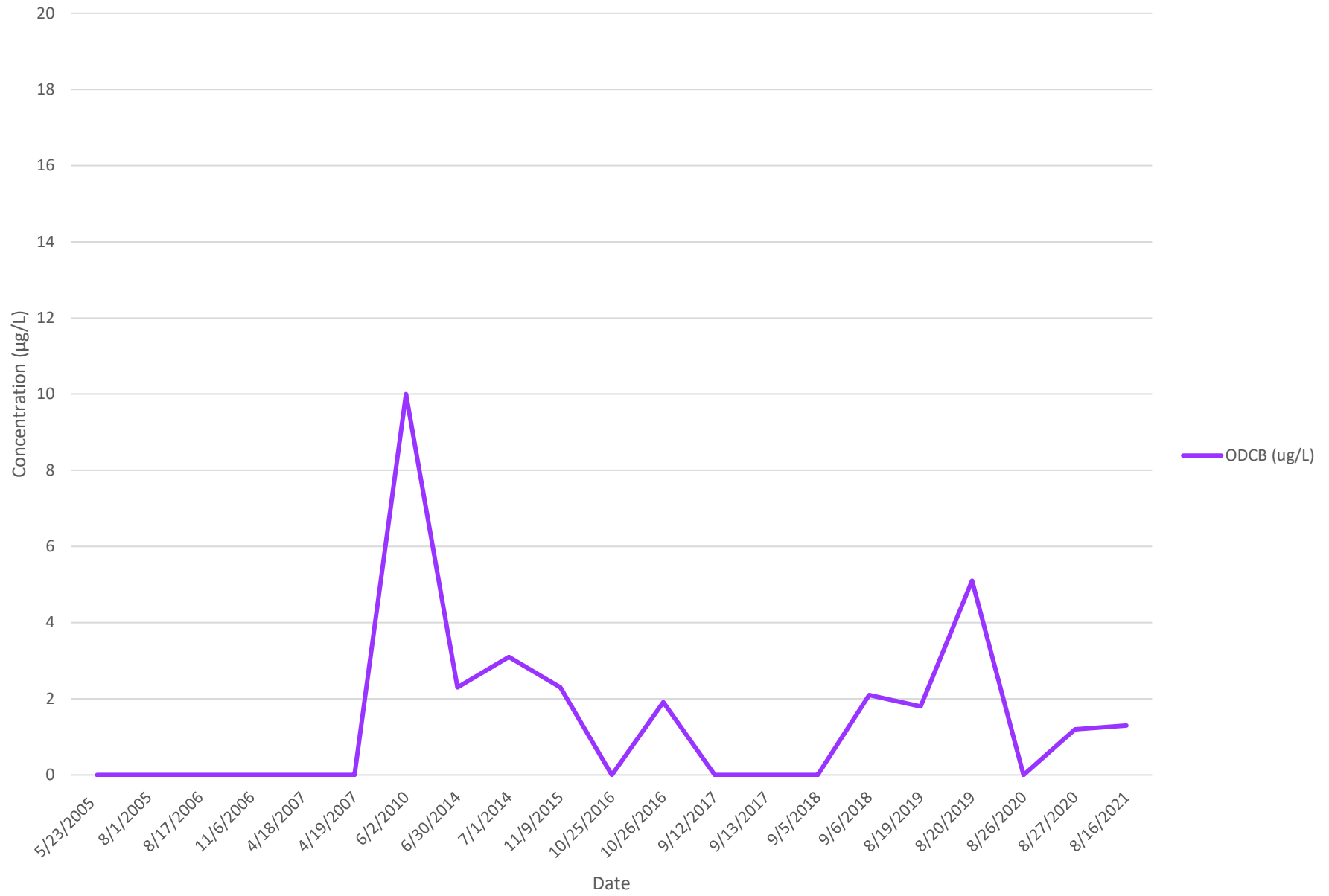
Appendix F

VOC TRENDLINE GRAPHS

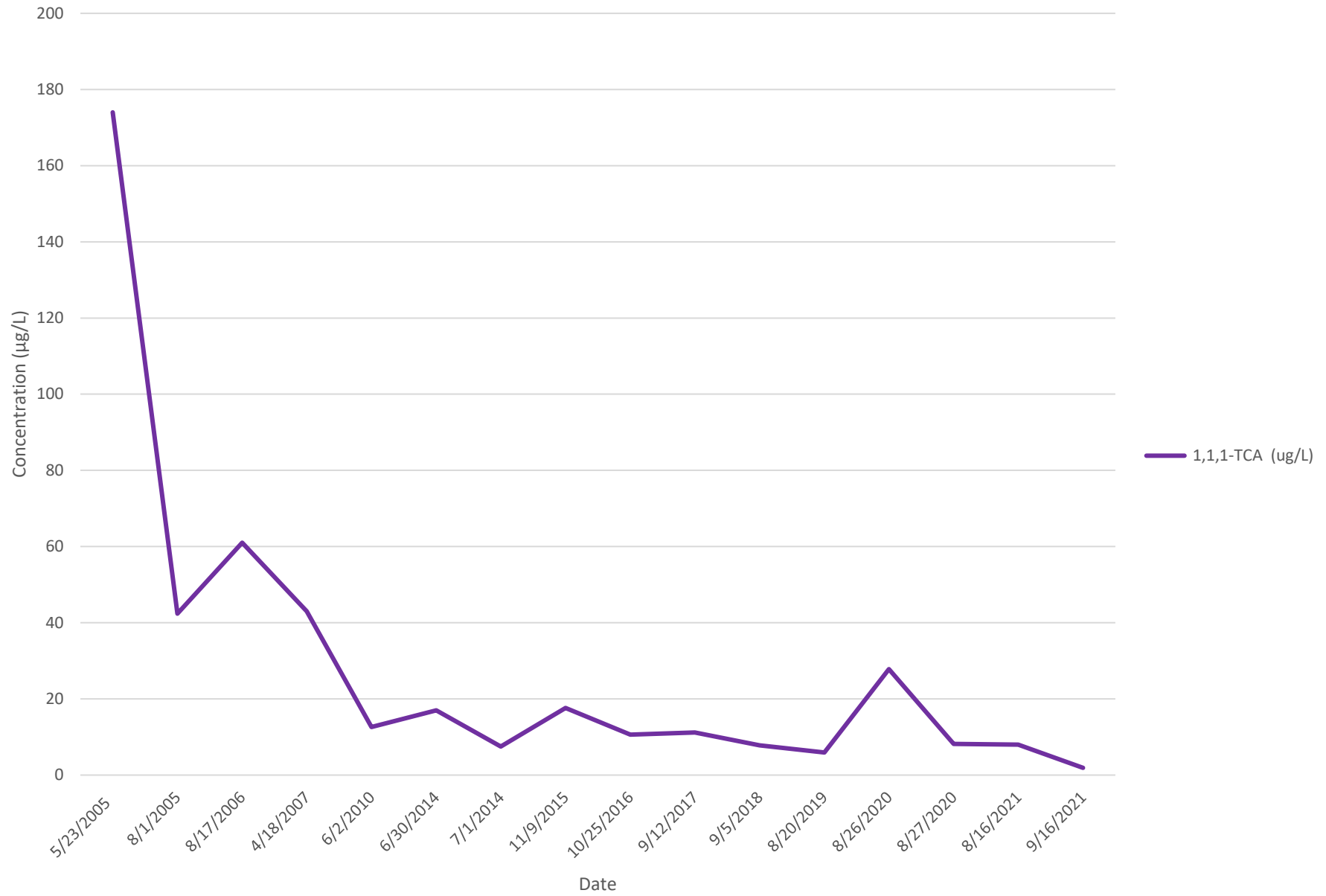
Maximum Total VOC Concentration Over Time for All Wells



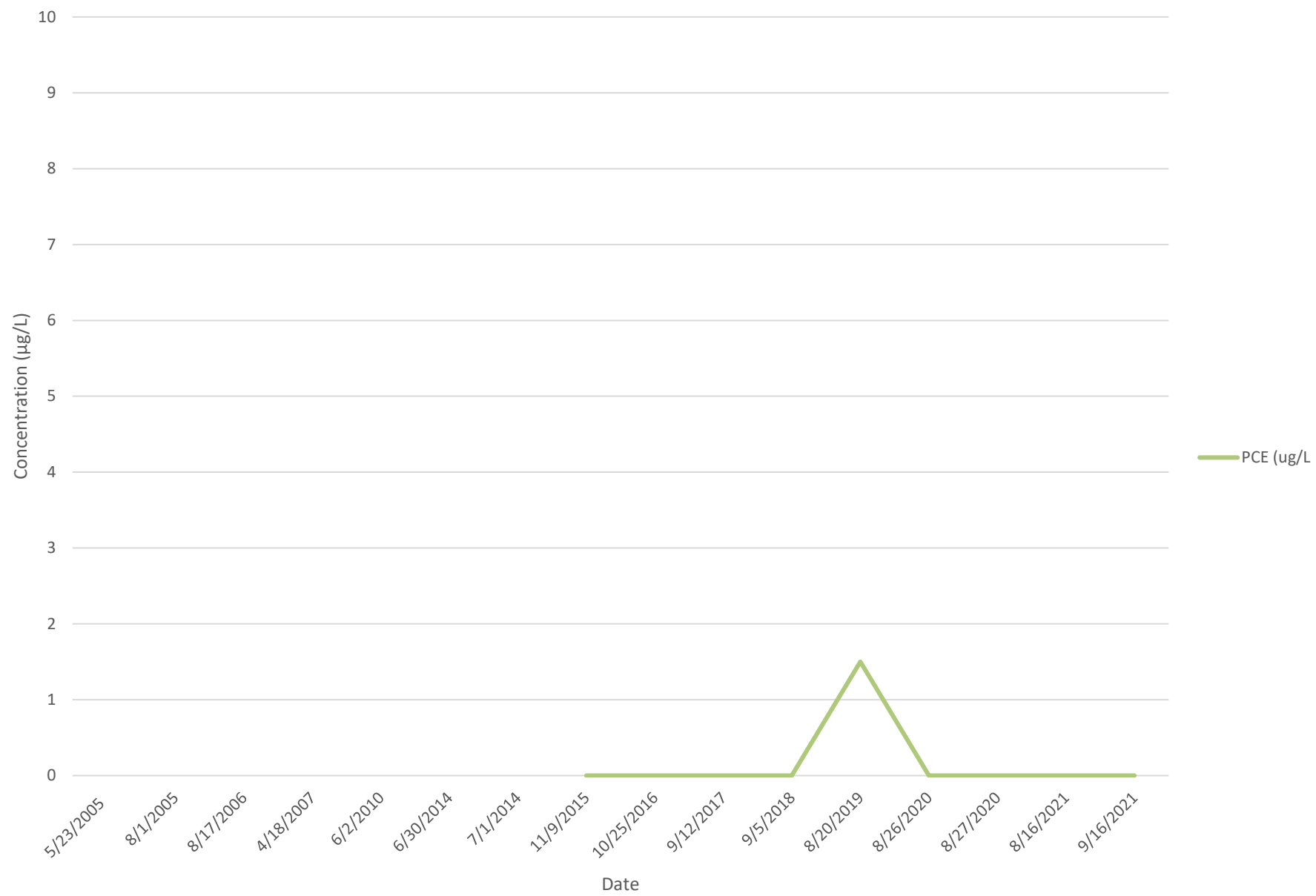
Maximum ODCB Concentration Over Time for All Wells



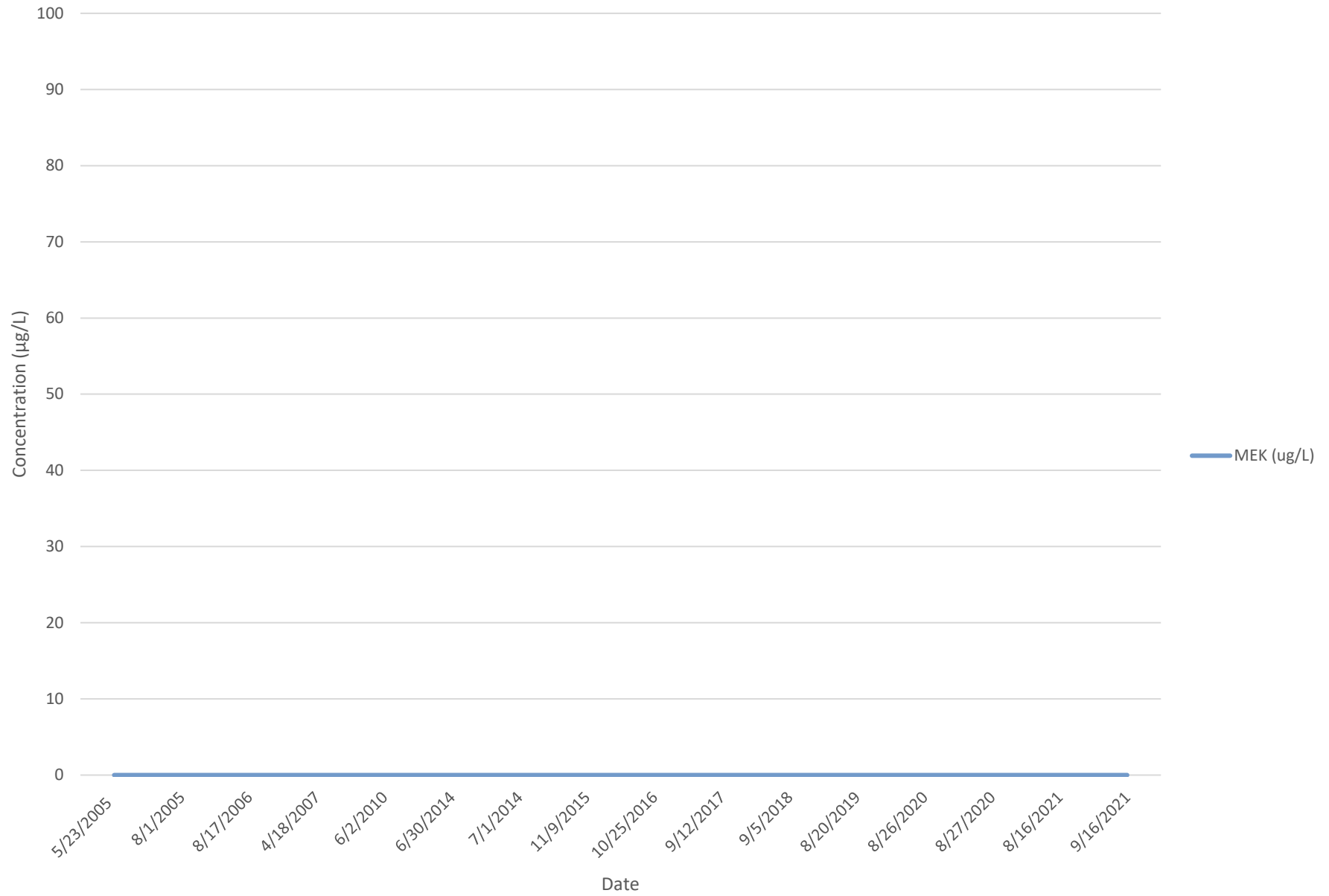
Maximum 1,1,1-TCA Concentration Over Time for All Wells



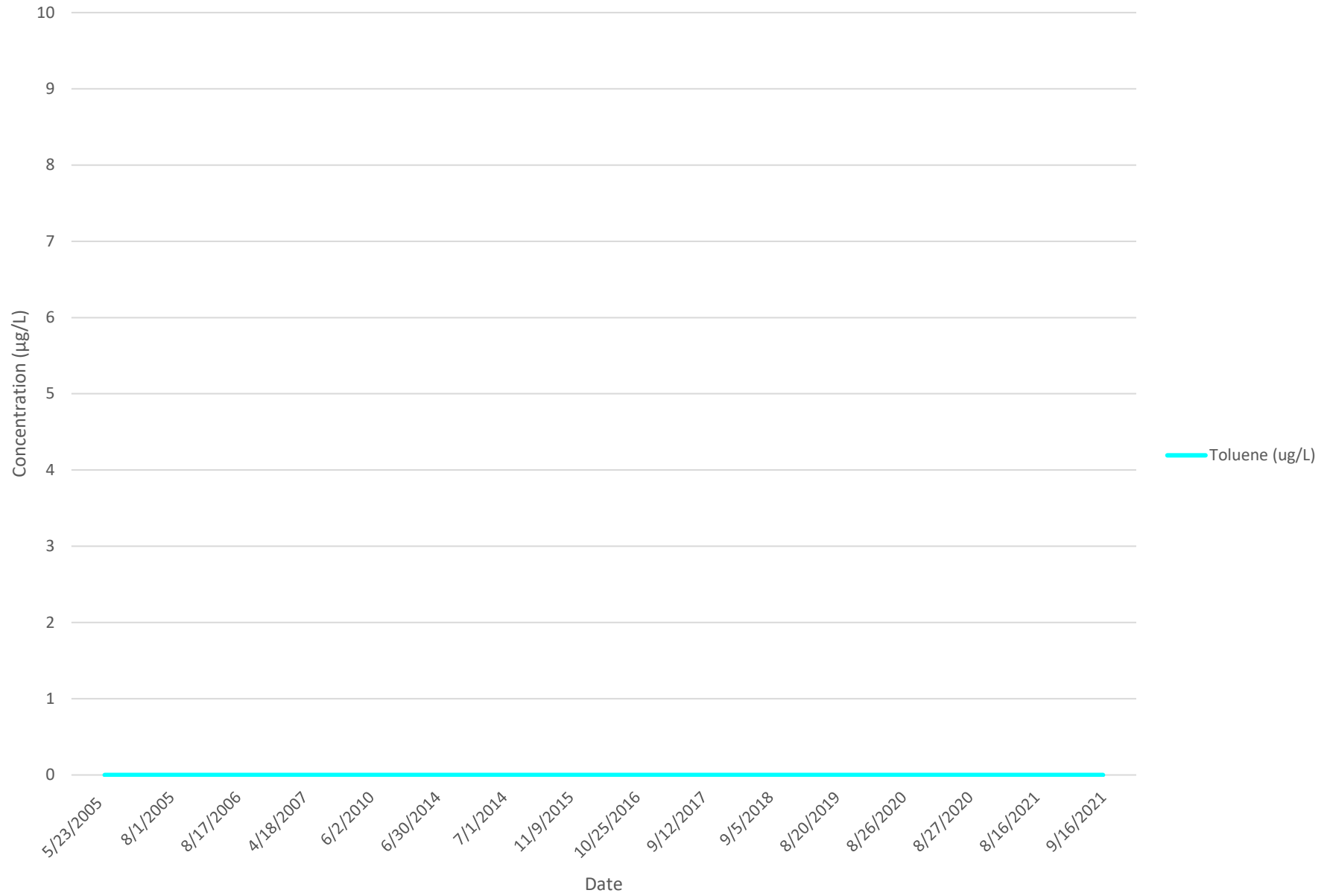
Maximum PCE Concentration Over Time for All Wells



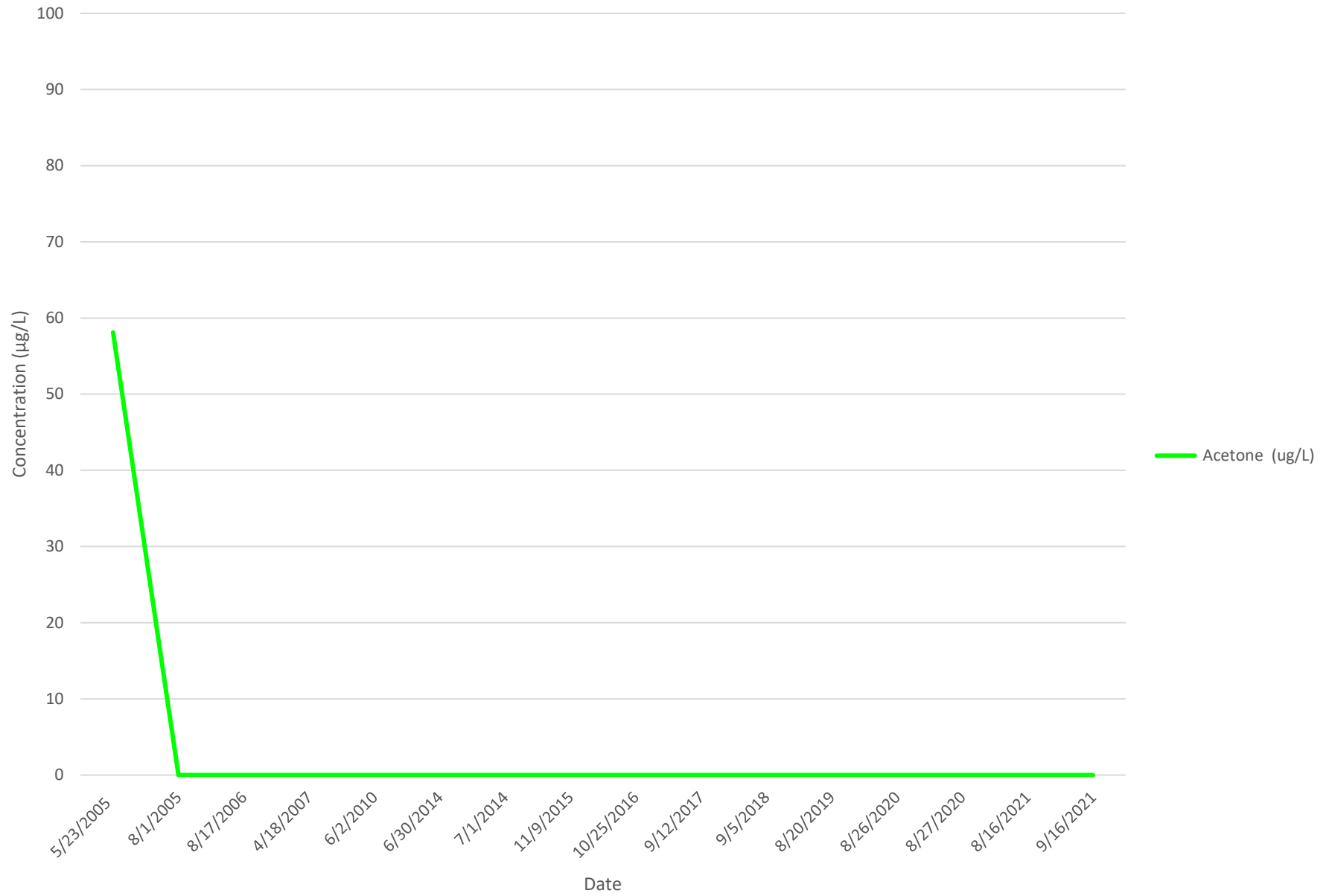
Maximum MEK Concentration Over Time for All Wells



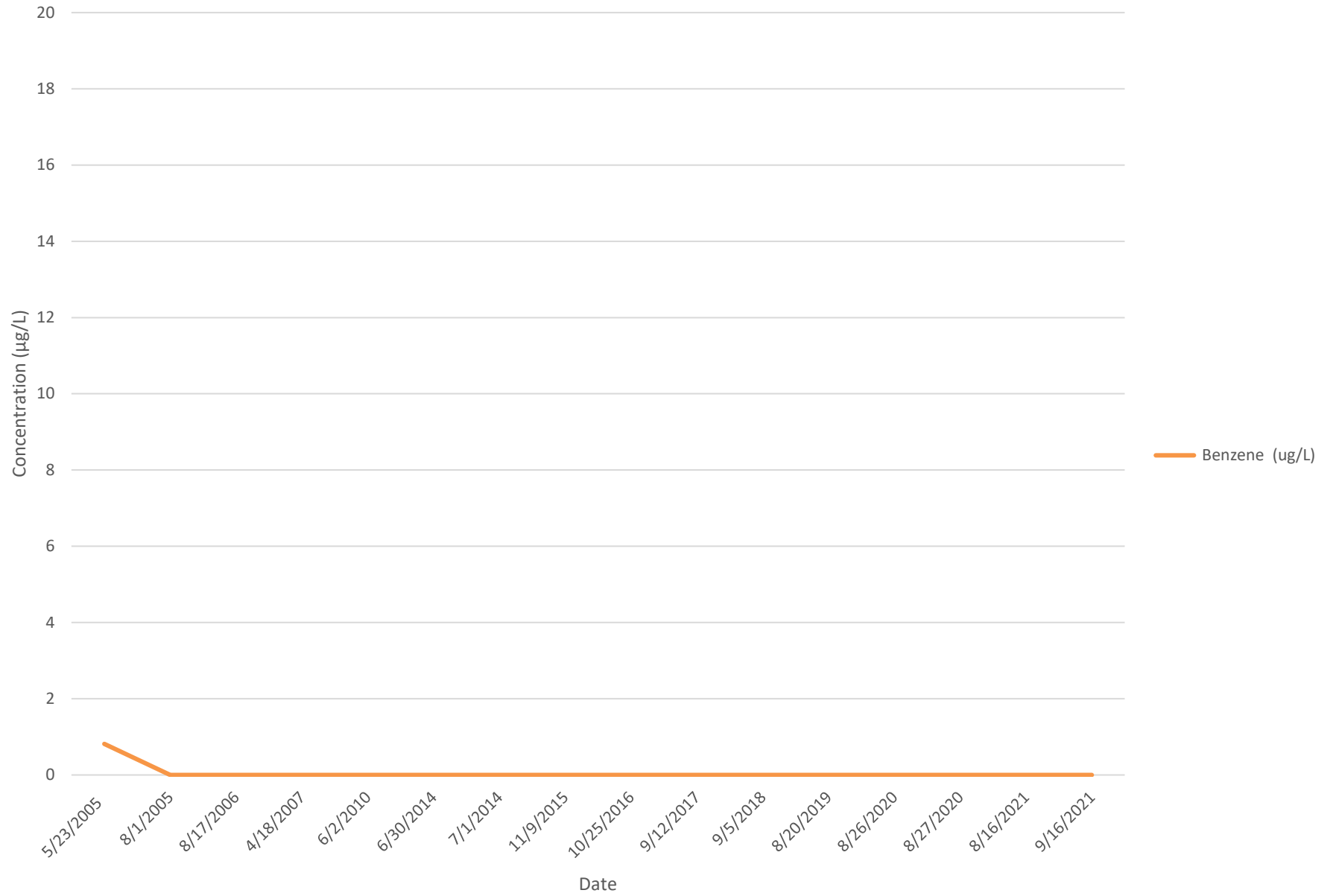
Maximum Toluene Concentration Over Time for All Wells



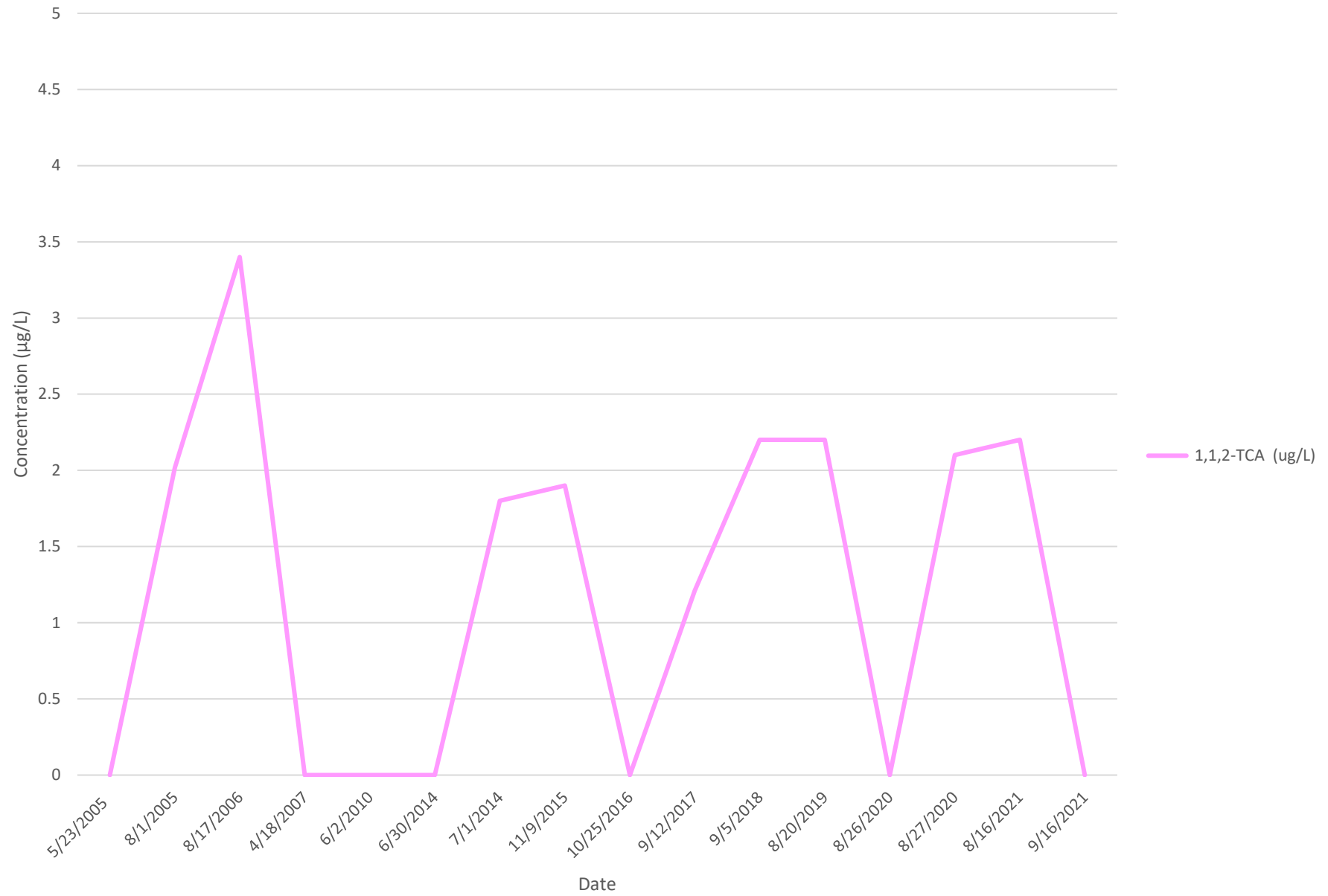
Maximum Acetone Concentration Over Time for All Wells



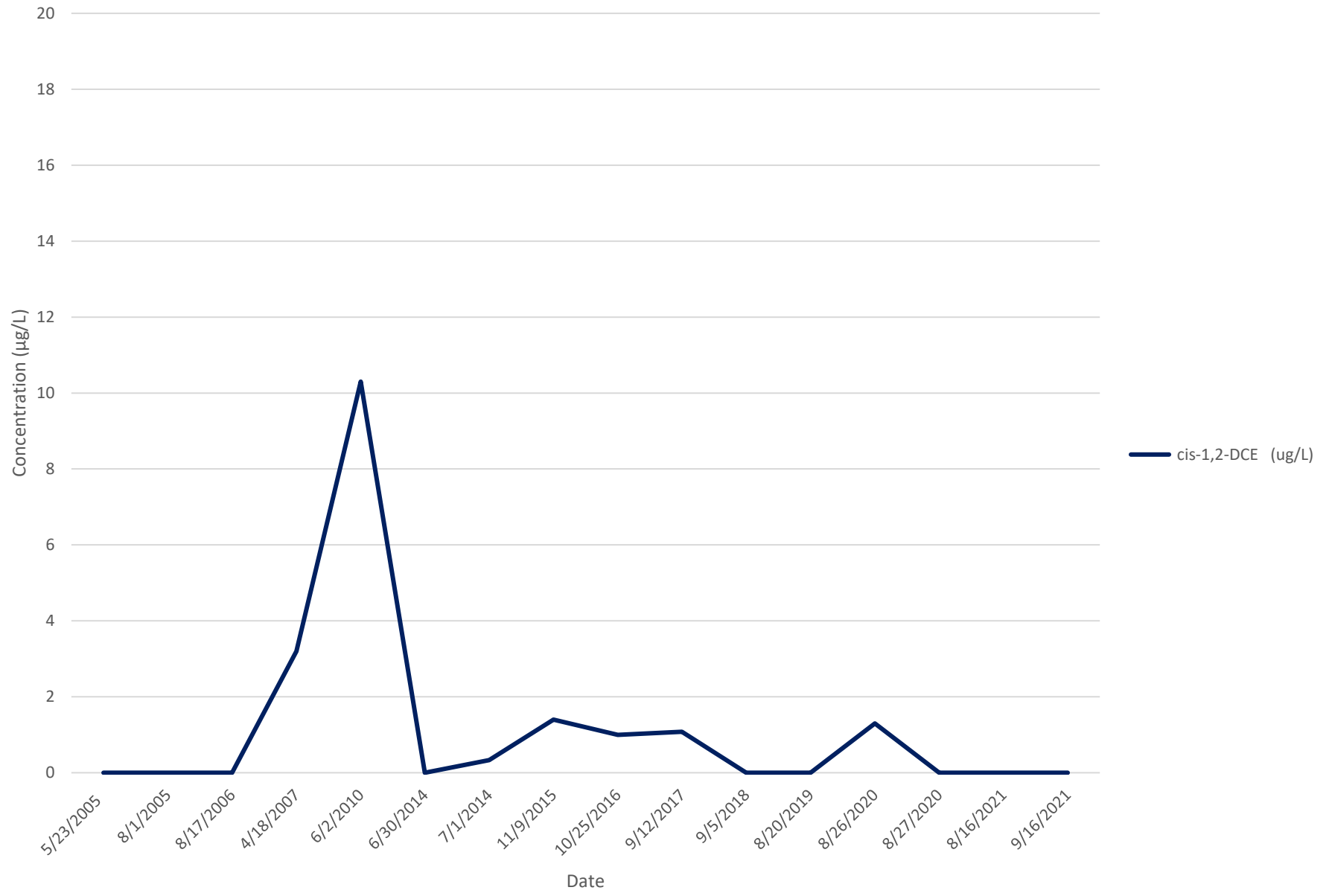
Maximum Benzene Concentration Over Time for All Wells



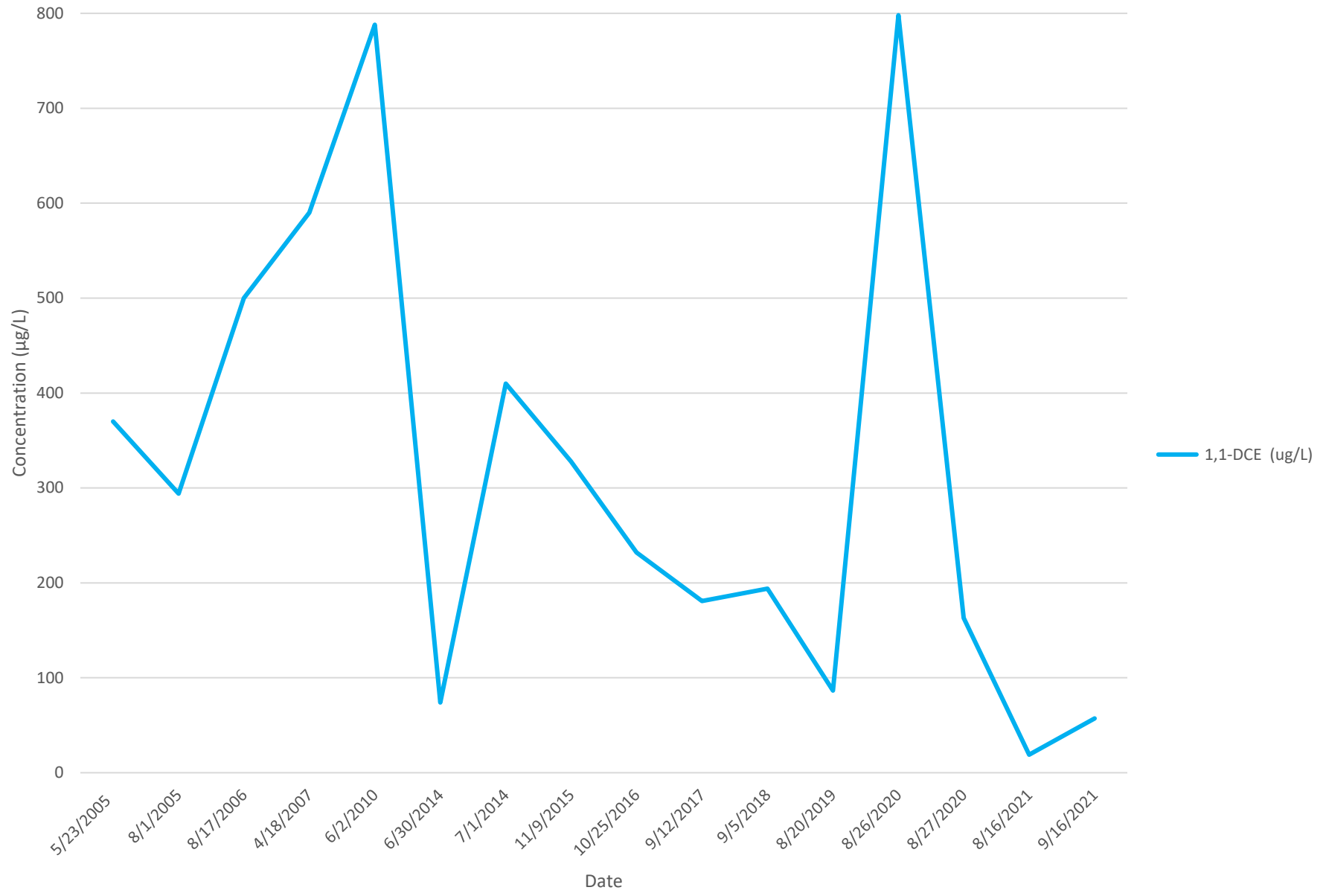
Maximum 1,1,2-TCA Concentration Over Time for All Wells



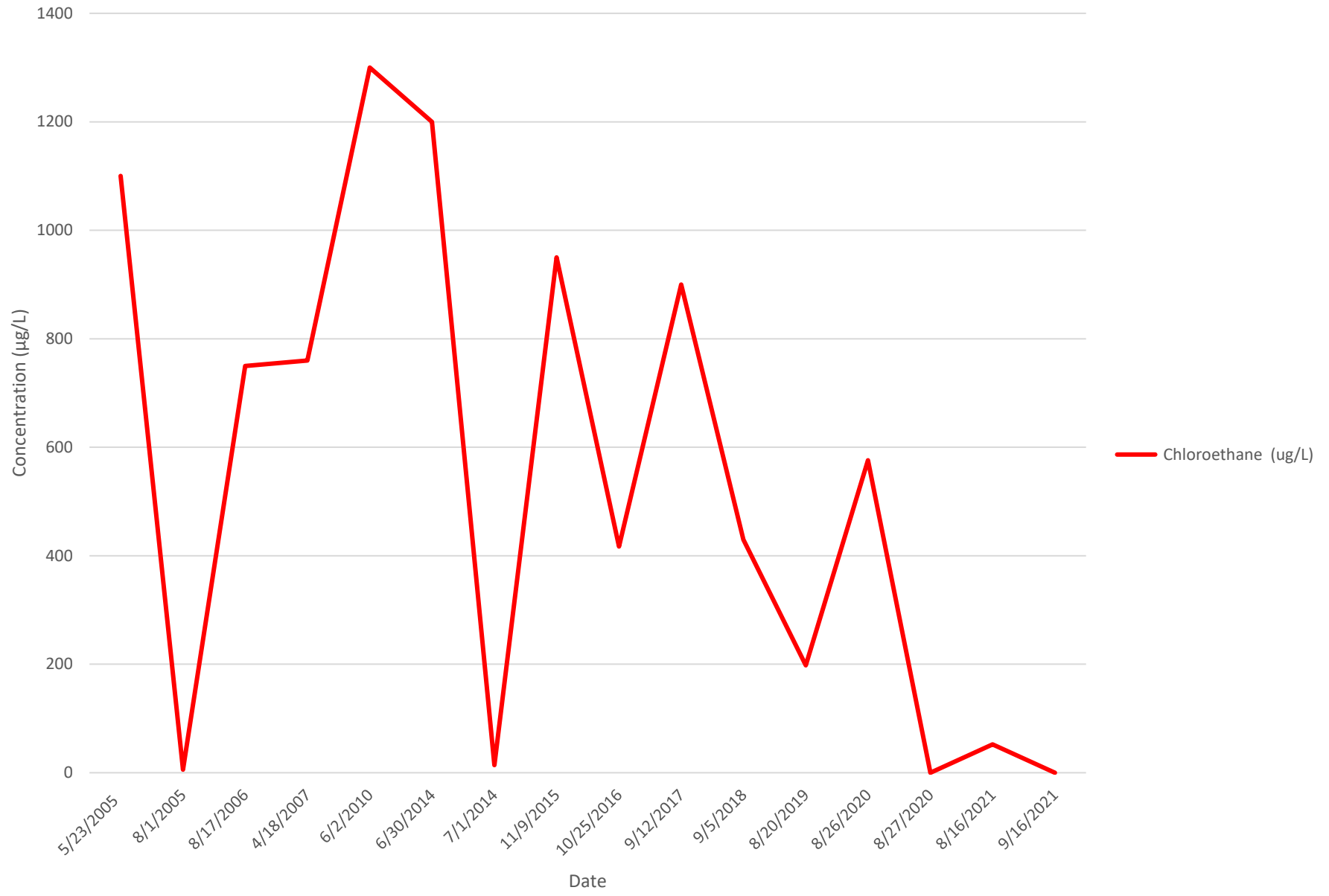
Maximum cis-1,2-DCE Concentration Over Time for All Wells



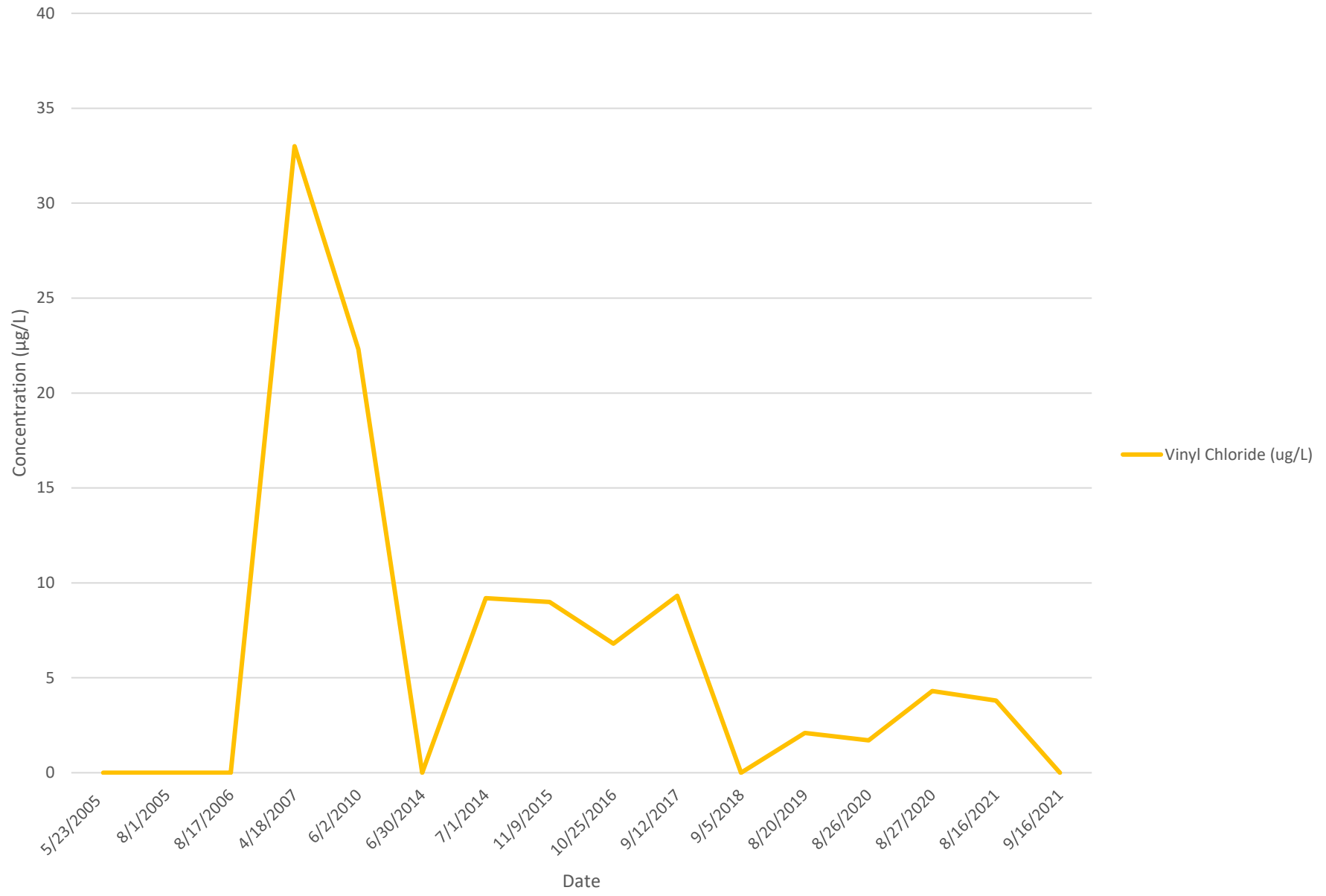
Maximum 1,1-DCE Concentration Over Time for All Wells



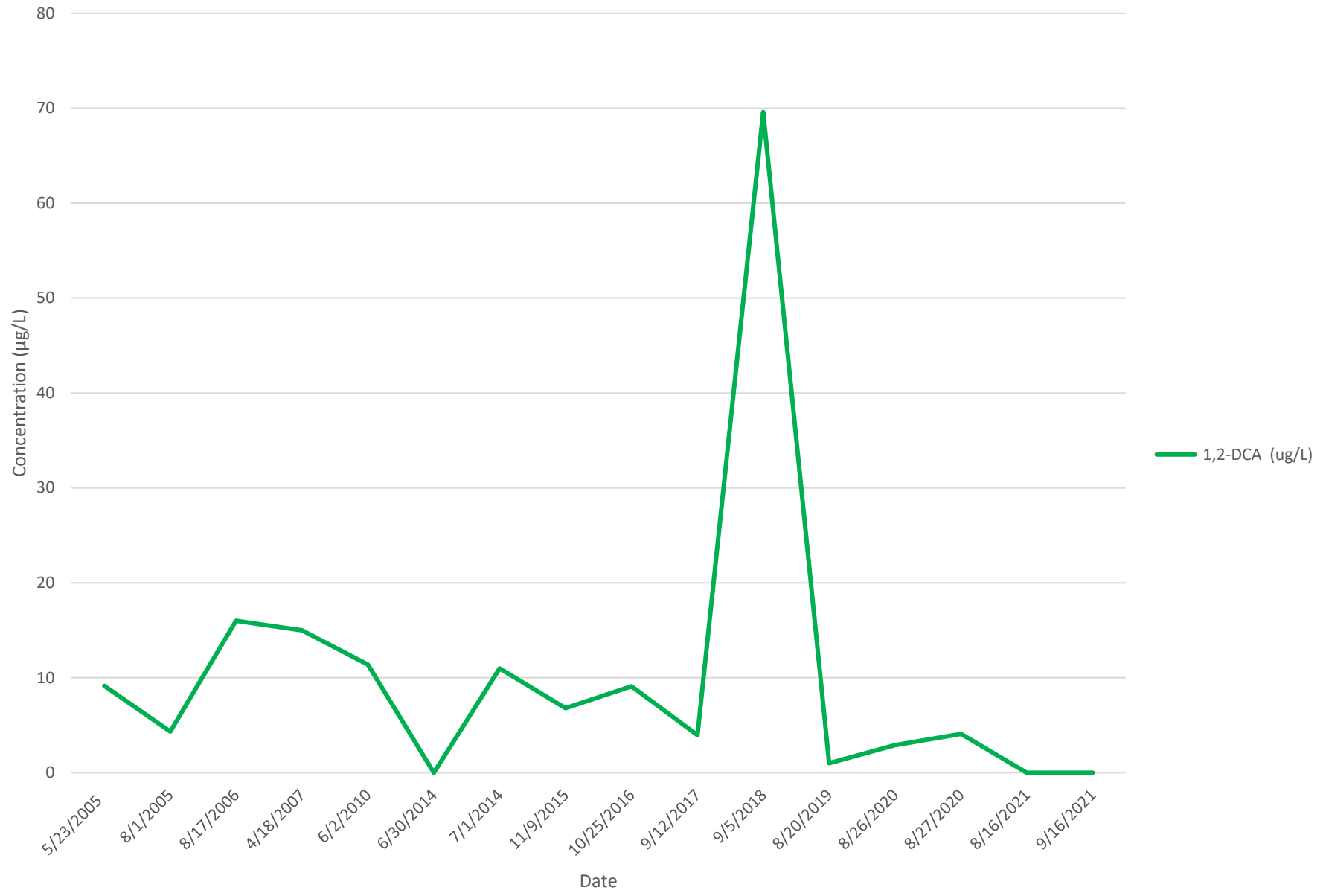
Maximum Chloroethane Concentration Over Time for All Wells



Maximum Vinyl Chloride Concentration Over Time for All Wells



Maximum 1,2-DCA Concentration Over Time for All Wells



Maximum 1,1--DCA Concentration Over Time for All Wells

