October 16, 2018

David Szymanski
Project Manager
New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 9
270 Michigan Avenue, Buffalo, New York 14203-2915

BVNA Project No. 08018-000099.00.00
Transmitted via e-mail: david.szymanski@dec.ny.gov

Subject: **2018 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: 907004

Dear Mr. Szymanski:

On behalf of Lexington Machining, LLC, Bureau Veritas North America, Inc. (BVNA) is pleased to present the attached 2018 Annual Groundwater Monitoring and Periodic Review Report for your review and approval. The monitoring was completed to satisfy the requirements of the Site Management Plan.

Please contact me at (732) 522-1970 or john.stangline@us.bureauveritas.com with any questions.

Sincerely,

John A. Stangline, ARM, CPEA, CHMM
National Director Environmental Services
Health Safety and Environmental Services

cc: Michael Lubin, Chairman, Lexington Machining LLC

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Annual Groundwater Monitoring, Periodic Review Report

Lexington Machining, LLC

NYSDEC Site Number: 907004
Premier Lakewood, Inc. Site
201 Winchester Road
Village of Lakewood, Town of Busti
Chauataqua County, New York

Bureau Veritas Project No. 08018-000099.00
OCTOBER 2018

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CONTENTS

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 # 907004 (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) draft Order on Consent and Administrative Settlement Index # B9-0792-08-10.

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 October 2018.

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 5.7-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 2).

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 located 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, and Premier Tool & Die, and Premier Lakewood, Inc. the current operator. 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.

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). 8

An enhanced in-situ bioremediation program was conducted to address VOCs in groundwater at the Site in 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 conducted in June 2010 to evaluate groundwater quality conditions at the Site. 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; the concentration was lower than the previously detected concentrations. Concentrations of contaminant breakdown products are generally increasing at the site. Concentrations of tertiary breakdown products chloroethane and chloroethane are 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 indicate that natural attenuation of the VOC contaminants at the Site is 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 have been detected above standards in the deep groundwater zone.

2.0 Annual Groundwater Monitoring

The 2018 annual groundwater monitoring was completed to satisfy the requirements of SMP Sections 2.2.1.1, Monitored Natural Attenuation, and 3.2.1, Groundwater Monitoring.

Monitoring well sampling activities were recorded in a field book and on groundwater-sampling log sheets presented in SMP Appendix F. 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. .

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 0.4 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 temporarily staged onsite pending disposal.

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

Groundwater samples were analyzed for target compound list (TCL) volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) method 8260B. No contaminants were reported above laboratory detection limits in the field and trip blank samples with the exception of: toluene, which was detected at a concentration of 1.1 parts per billion 1.1 (ug/L) in Field Blank 1 and at a concentration of 2.3 ug/L in Field Blank 2. The Trip Blank reported no detected contaminants.

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

3.0 ANALYTICAL RESULTS

Pace Analytical provided its Laboratory Report dated September 8, 2018 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. Table 3 provides a summary of the historical analytical results for those compounds.

Acetone, methyl ethyl ketone, benzene, and toluene were not detected in any groundwater samples. Toluene was detected in the field blanks. This is most likely due to a lab contaminant.

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 at a concentration of 7.8 ug/L and 2.2 ug/L in groundwater samples MW-9 and MW-10, respectively. The concentration of 7.8 ug/L in MW-9 exceeded the GWQS for 1,1,1-TCA of 5 ug/L. 1,1,1-TCA was not detected above the laboratory detection limits in the remaining groundwater samples analyzed.

1,1,2-TCA was detected in only one of the sample exceeding GWQS of 1 ug/L in MW-10 (2.2 ug/L). 1,1,2-TCA was not detected above the laboratory detection limits in the remaining groundwater samples analyzed.

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 fourteen groundwater samples with eight concentrations exceeding the GWQS of 5 ug/L. One concentration was below the GWQS with a detection of 4.1 ug/L in MW- 9. The maximum concentration of 46.0 ug/L was detected in MW-2. 1,1-DCA was not detected above the laboratory detection limits in the remaining six groundwater samples.

1,1,-DCE was detected in ten of the fourteen groundwater samples with seven of the concentrations exceeding the GWQS of 5 ug/L. The maximum concentration of 194 ug/L was detected in MW-9. The other reported concentrations of 1,1,-DCE are listed in Table 2.

1,2-DCA was detected in two of the fourteen groundwater samples with both concentrations exceeding the GWQS of 0.6 ug/L. The maximum concentration of 4.1 ug/L was detected in MW-9. The other reported concentration of 1,2-DCA is listed in Table 2.

VC was detected in two of the fourteen groundwater samples with both of the concentrations exceeding the GWQS of 2 ug/L. The maximum concentration of 4.4 ug/L was detected in MW-7. The other reported concentrations of VC are listed in Table 2.

Tertiary breakdown products, chloroethane and 1,2-Dichlorobenzene were detected in groundwater samples. Chloroethane was detected in four groundwater samples, with three exceeding the GWQS of 5 ug/L. The maximum chloroethane concentration of 430 ug/L was detected in MW-13. The lowest concentration was 1.3 ug/L. The other reported concentrations of chloroethane are listed in Table 2.

1,2-Dichlorobenzene (ODCB) was not detected in any 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. Historical groundwater quality data is provided in Table 3. 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

Five of the fourteen 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-4	East of the building
MW-5	Northwest of the building
MW-11	West of the building
MW-11D	West of the building

These five monitoring wells have historically been free of concentrations of contaminants above detection limits and/or GWQS. Monitoring wells MW-11, MW-11D and MW-4 are up-gradient and monitoring well MW-5 is cross-gradient of impacted areas. Monitoring well MW-2D is down-gradient of impacted areas and is installed in the site's deeper water bearing zone to 27 feet below ground surface.

4.2 Improving Groundwater Conditions

Groundwater samples collected from four monitoring wells exhibited a clear decrease in contaminant concentrations between samples collected in June 2010 and September 2018. The four monitoring wells include the following:

Monitoring Well ID	Location on Site
MW-1	North center outside the building
MW-3	North center outside the building
MW-7	Northeast of the building
MW-9	Inside the secondary machining area of the building

In monitoring well MW-1, detected concentrations of chloroethene decreased from 2.20 ug/L to below the laboratory detection limit, 1,1,1-TCA decreased from 12.6 ug/L to below the laboratory detection limits; 1,1-DCE decreased from 75.9 ug/L to 4.6 ug/L; 1,1-DCA decreased from 25.1 ug/L to 2.7 ug/L and; chloroethane from 137 ug/L to below the laboratory detection limits.

Monitoring well MW-3 exhibited decreasing concentrations of chloroethene and cis-1,2-DCE. Chloroethene concentrations decreased from 1.23 ug/L to below the laboratory detection limits, and cis-1,2-DCE from 10.3 ug/L to below the laboratory detection limits

Monitoring well MW-7 exhibited decreased concentrations of 1,1-DCE from 19.5 ug/L to 2.6 ug/L, 1,1-DCA from 22.3 ug/L to 5.6 ug/L and chloroethene from 22.3 ug/L to below the laboratory detection limits.

In monitoring well MW-9, detected concentrations of 1,1-DCE decreased from 788 ug/L to 194 ug/L; 1,1-DCA decreased from 346 ug/L to 166 ug/L and; 1,2-DCA from 11.4 ug/L to 4.1 ug/L. The detected concentrations of 1,1,1- TCA from 43 to 7.8 ug/L.

Monitoring wells MW-1 and MW-7 are down and cross-gradient of the impacted areas at the boundaries of historical impacted groundwater plume. Monitoring wells MW-9 and MW-10 are cross and up-gradient of the soil and groundwater impact 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.

4.3 Groundwater Conditions for Continued Monitoring

Groundwater samples collected from five monitoring wells exhibited an overall increase in contaminant concentrations between June 2010 and September 2018.

Monitoring Well ID	Location on Site
MW-3	Northeast outside the building
MW-10	Inside the compressor area of the building
MW-12	Northeast outside the building
MW-13	Northeast outside the building
MW-14	Northeast outside the building

1,2-DCA increased from 0.962 ug/L in 2017 to 69.6 ug/L in 2018 in monitoring well MW-3.

In monitoring well MW-10, detected concentrations of 1,1,2-TCA decreased from 2.65 ug/L to a concentration of 1.9 ug/L; 1,1-DCE decreased from 58.7 ug/L to 4.1 ug/L; and 1,2-DCA decreased from an estimated 0.715 ug/L to below detection limits. The concentration of 1,1-DCA exhibited an increase from a non-detectable concentration in June 2010 to 61.1 ug/L in September 2018. 1,1-DCA; however, exhibits an historical decrease from prior concentrations of 77 ug/L and 110 ug/L.

MW-12 exhibited decreases in two compounds including 1,1-DCA from 20.9 ug/L in 2010 to 5.9 ug/L in 2018 and 1,1-DCE from 28.1 ug/L in 2010 to 12.7 ug/L in 2018.

MW-13 exhibited increases in four compounds including 1,1-DCE from 4.4 ug/L in 2016 to 7.6 ug/L in 2018, 1,2-DCA from non-detectable concentrations in 2016 to 1.3 ug/L in 2018; 1,1-DCA from 1.96 ug/L to 27.6 ug/L; and chloroethane from 25.9 ug/L in 2018 to 430 ug/L in 2018.

MW-14 exhibited a decrease in two compounds including 1,1-DCA in 2014 from 33 ug/L to 6.1 ug/L in 2018 and 1,1,-DCE chloroethane in 2014 from 42 ug/L to 3.5 ug/L.

MW-14 exhibited increases in one compound; chloroethene in 2014 from 3.1 ug/L to 4.33 ug/L in 2018.

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 generally decreasing or remaining below GWQS and/or detection limits in most groundwater monitoring wells (eleven of fourteen). One monitoring well, MW-10, exhibited a modest increase in three concentrations of four contaminants. Two monitoring wells exhibited increasing concentrations of contaminants including MW-8 and MW-14.

Most compounds exhibiting increased concentrations are breakdown products of the primary contaminants of concern at the site. The exception is the modest increased in 1,1,1-TCA exhibited in the groundwater sample obtained from monitoring well MW-9 with a 1,1,1-TCA concentration of 7.8 ug/L which exceeds the GWQS of 5.0 ug/L. The predominance of secondary and tertiary breakdown products (e.g., 347 ug/L chloroethane in MW-2) indicates that natural attenuation of groundwater contaminants is continuing at the site.

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

6.0 SIGNATURES

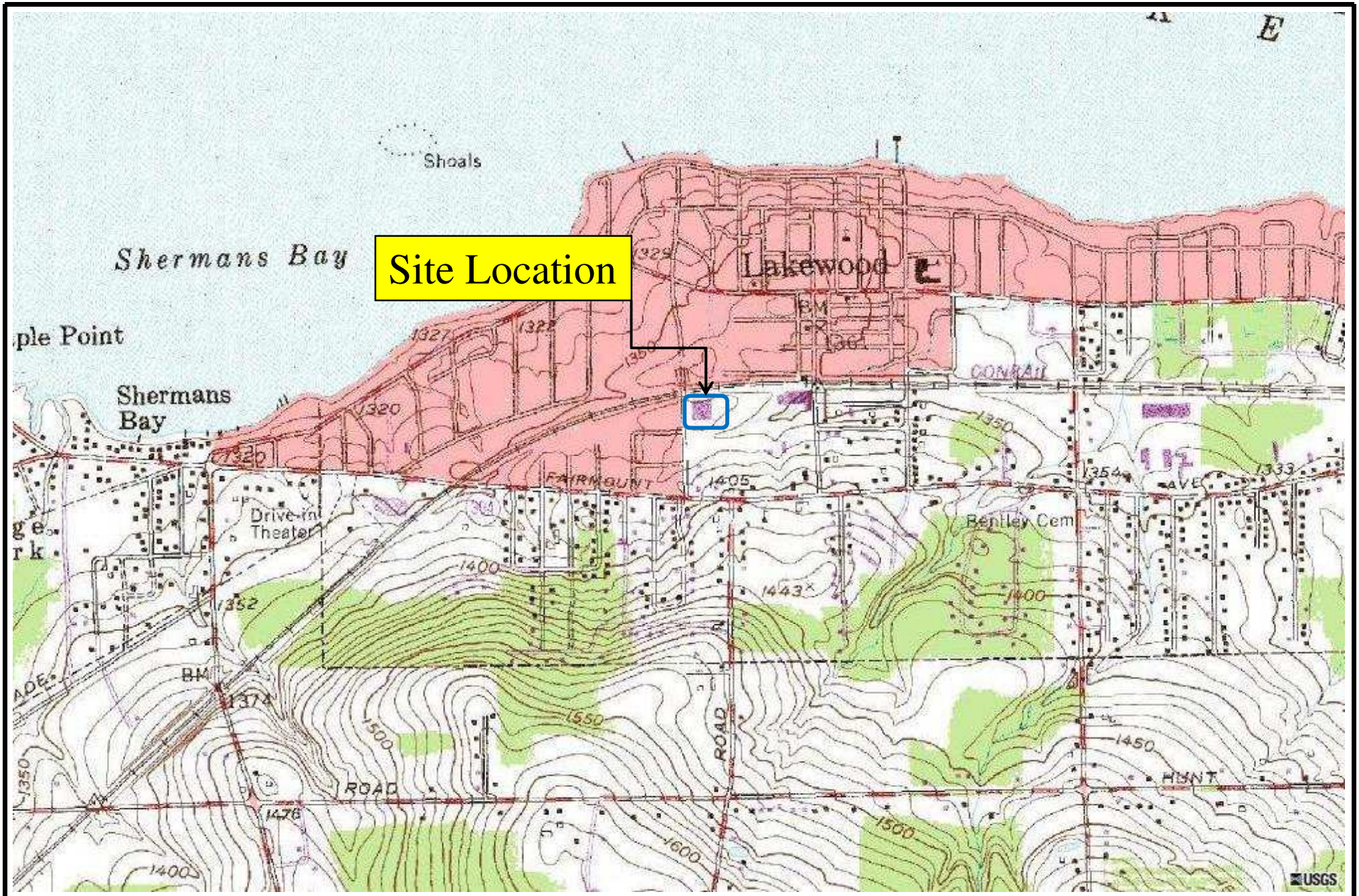
Prepared by: _____

Timothy N. McCann
Program Manager-Enviromental Services
Northeast Ohio Regional Office

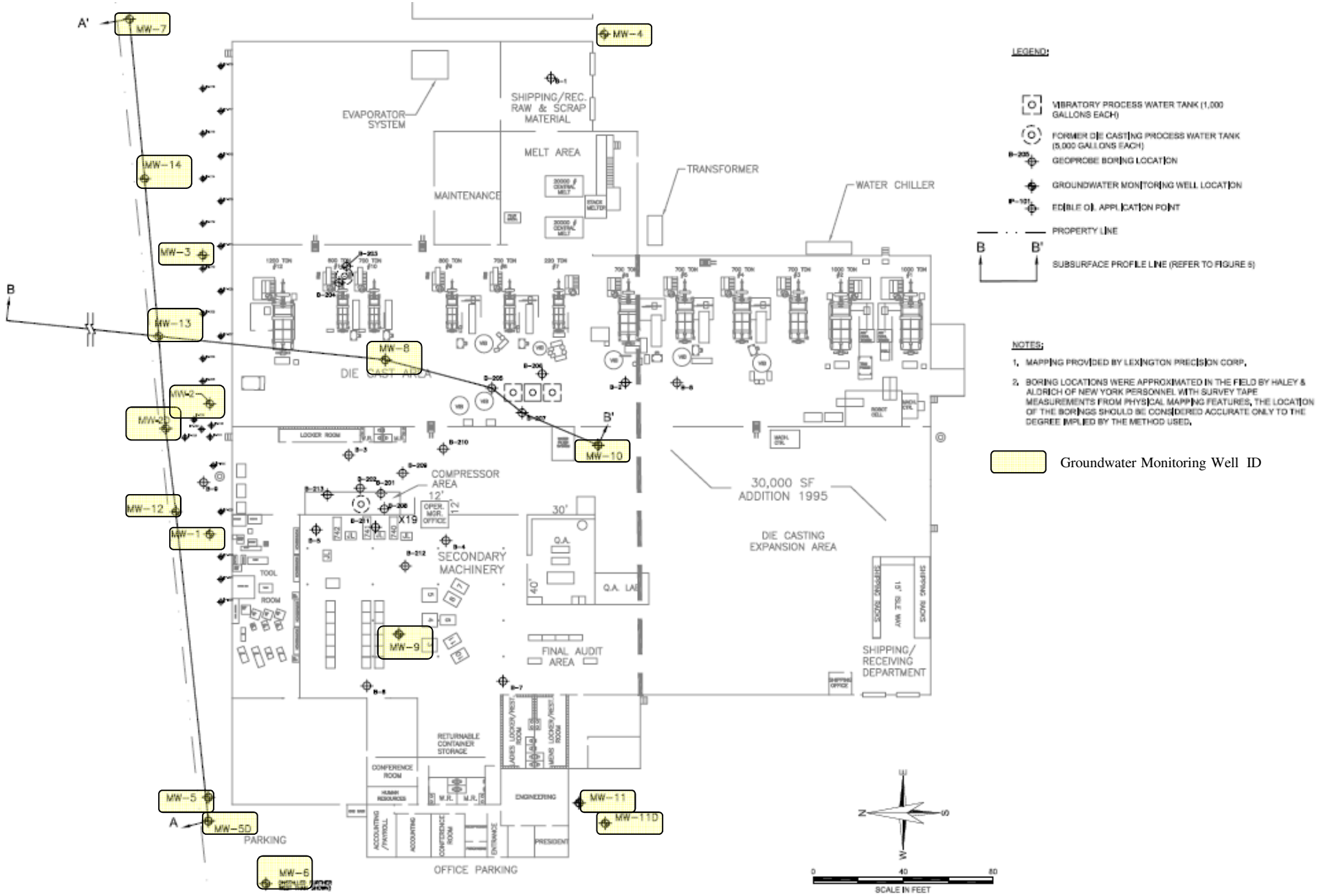
Reviewed by:_____

John A. Stangline, ARM, CPEA, CHMM
National Director Environmental Services

Figures



Project Number: **08018-000099.00** Drawn By: JAS Date: 10-3-18 Reviewed By: JAS Date:10-3-18	Client: **Lexington Precision Corporation** **800 third Avenue, 15th Floor** **New York, New York 10022**	Location: **Lexington Machining, LLC** **201 Winchester Avenue** **Lakewood, New York 14750**	Title: **Site Location Map**	Figure: 1	BUREAU VERITAS



Source: Summary of Environmental Investigations and Remedial Activities, Haley & Aldrich of New York, January 9, 2007

Project Number: **08018-000099.00** Drawn By: JAS Date: 10-3-18 Reviewed By: JAS Date:10-3-18	Client: **Lexington Precision Corporation** **800 third Avenue, 15th Floor** **New York, New York 10022**	Location: **Lexington Machining, LLC** **201 Winchester Avenue** **Lakewood, New York 14750**	Title: **Groundwater Monitoring Well Network**	Figure: 2

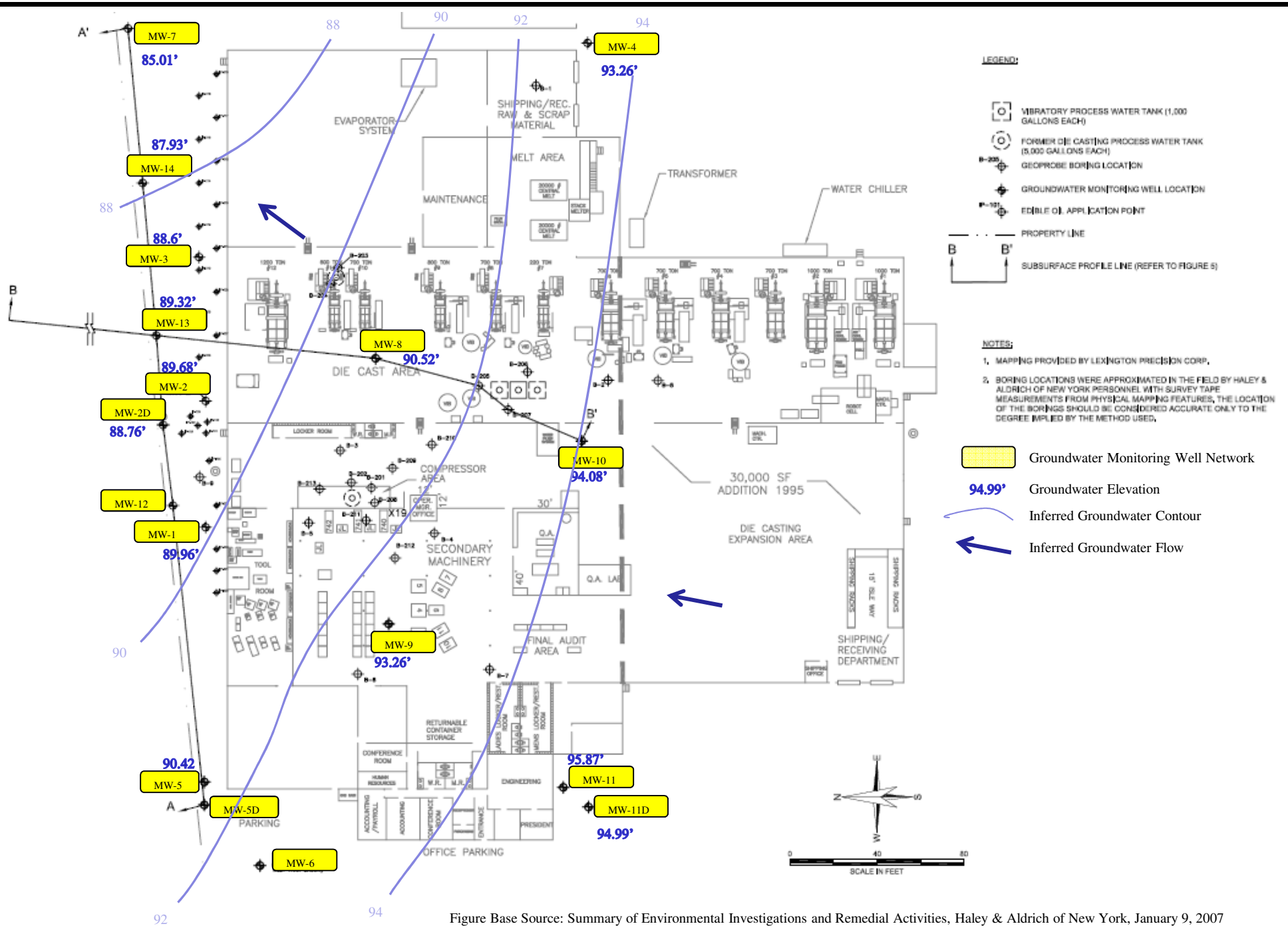


Figure Base Source: Summary of Environmental Investigations and Remedial Activities, Haley & Aldrich of New York, January 9, 2007

Project Number: 08018-000099.00 Drawn By: JAS Date: 10-3-18 Reviewed By: JAS Date:10-3-18	Client: **Lexington Precision Corporation** **800 third Avenue, 15th Floor** **New York, New York 10022**	Location: **Lexington Machining LLC** **201 Winchester Avenue** **Lakewood, New York 14750**	Title: **Inferred Groundwater Elevation**	Figure: 3

Tables

Table 1
September 2018 Groundwater Elevation Measurements

Well ID	Date	Depth to Water (ft)	Ground Surface Elevation (ft) *	Groundwater Elevation (ft)
MW-1	9/5/2018	11.45	101.82	**90.37**
MW-2	9/5/2018	12.45	101.3	**88.85**
MW-2D	9/5/2018	11.86	100.84	**88.98**
MW-3	9/5/2018	13.01	101.02	**88.01**
MW-4	9/5/2018	9.5	101.08	**91.58**
MW-5	9/5/2018	12.71	102.81	**90.1**
MW-7	9/5/2018	14.45	99.45	**85**
MW-8	9/5/2018	14.42	105.08	**90.66**
MW-9	9/5/2018	11.95	105.01	**93.06**
MW-10	9/5/2018	11.05	105.07	**94.02**
MW-11	9/5/2018	8.39	104.5	**96.11**
MW-11D	9/5/2018	9.98	104.23	**94.25**
MW-12	9/5/2018	10.42	100.8	**90.38**
MW-13	9/5/2018	11.19	100.8	**89.61**
MW-14	9/5/2018	12	100.5	**88.5**

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

Lexington Machining LLC
201 Winchester Road, Lakewood, NY
Table 2
2017 Groundwater Contamination Summary

Sample #:		TOGs - Table 5	MW-4				MW-7				FIELD BLANK -1			
Field ID:		Groundwater												
Lab ID:		Effluent												
Date Sampled:		Limitations (Class GA)	09/05/2018				09/05/2018				09/05/2018			
Depth(ft):		(ug/L)												
Volatiles (ug/L)			**Conc**	**Q**	**RL**		**Conc**	**Q**	**RL**		**Conc**	**Q**	**RL**	
Vinyl chloride		**2**	ND		1.00		**4.4**		1.00		ND		1.00	
Chloroethane		**5**	ND		1.00		1.3		1.00		ND		1.00	
1,1-Dichloroethene		**5**	ND		1.00		2.6		1.00		ND		1.00	
1,1-Dichloroethane		**5**	ND		1.00		**5.6**		1.00		ND		1.00	
cis-1,2-Dichloroethene		**5**	ND		1.00		ND		1.00		ND		1.00	
Toluene		**50**	ND		1.00		ND		1.00		1.1		2.00	
1,1,1-Trichloroethane		**5**	ND		1.00		ND		1.00		ND		1.00	
1,2-Dichloroethane (EDC)		**0.6**	ND		1.00		ND		1.00		ND		1.00	
1,2,4-trimethylbenzene		**5**	ND		1.00		ND		1.00		ND		1.00	
1,1,2-Trichloroethane		**1**	ND		1.00		ND		1.00		ND		1.00	
Tetrachloroethene		**5**	ND		1.00		ND		1.00		ND		1.00	
1,2-Dichlorobenzene		**3**	ND		1.00		ND		1.00		ND		1.00	

Technical Guidance and Operational Series - Table 1 New York State Ambient Water Quality
Standards & Guidance Values and Table 5 New York State Groundwater Effluent Limitations
(Class GA), June 1998.

BOLD Conc Indicates a concentration that exceeds applicable criteria.

NS = No Standard Available

ND = Analyzed for but Not Detected at the MDL

EDD created on 9/28/17

Lexington Machining LLC
201 Winchester Road, Lakewood, NY
Table 2
2017 Groundwater Contamination Summary

Sample #:		TOGs - Table 5	MW-14				MW-3				MW-13			
Field ID:		Groundwater												
Lab ID:		Effluent												
Date Sampled:		Limitations (Class GA)	09/05/2018				09/05/2018				09/05/2018			
Depth(ft):		(ug/L)												
Volatiles (ug/L)			**Conc**	**Q**	**RL**		**Conc**	**Q**	**RL**		**Conc**	**Q**	**RL**	
Vinyl chloride		2	**3.2**		1.00		ND		1.00		ND		1.00	
Chloroethane		5	ND		1.00		**19.6**		1.00		**430**	D	1.00	
1,1-Dichloroethene		5	3.5		1.00		**69.6**		1.00		**7.6**		1.00	
1,1-Dichloroethane		5	**6.1**		1.00		**9.5**		1.00		**27.6**		1.00	
cis-1,2-Dichloroethene		5	ND		1.00		ND		1.00		ND		1.00	
Toluene		50	ND		2.00		ND		2.00		ND		2.00	
1,1,1-Trichloroethane		5	ND		1.00		ND		1.00		ND		1.00	
1,2-Dichloroethane (EDC)		0.6	ND		1.00		ND		1.00		**1.3**		1.00	
1,2,4-trimethylbenzene		5	ND		1.00		ND		1.00		ND		1.00	
1,1,2-Trichloroethane		1	ND		1.00		ND		1.00		ND		1.00	
Tetrachloroethene		5	ND		1.00		ND		1.00		ND		1.00	
1,2-Dichlorobenzene		3	ND		1.00		ND		1.00		ND		1.00	

Technical Guidance and Operational Series - Table 1 New York State Ambient Water Quali
Standards & Guidance Values and Table 5 New York State Groundwater Effluent Limitations
(Class GA), June 1998.

BOLD Conc Indicates a concentration that exceeds applicable criteria.

NS = No Standard Available

ND = Analyzed for but Not Detected at the MDL

EDD created on 9/28/17

Lexington Machining LLC
201 Winchester Road, Lakewood, NY
Table 2
2017 Groundwater Contamination Summary

Sample #:		TOGs - Table 5	MW-2				MW-2D				TRIP BLANK			
Field ID:		Groundwater												
Lab ID:		Effluent												
Date Sampled:		Limitations (Class GA)	09/05/2018				09/05/2018				08/10/2018			
Depth(ft):		(ug/L)												
Volatiles (ug/L)			**Conc**	**Q**	**RL**		**Conc**	**Q**	**RL**		**Conc**	**Q**	**RL**	
Vinyl chloride		2	ND		1.00		ND		1.00		ND		1.00	
Chloroethane		5	**347**	D	1.00		ND		1.00		ND		1.00	
1,1-Dichloroethene		5	**5.3**		1.00		ND		1.00		ND		1.00	
1,1-Dichloroethane		5	**46**		1.00		ND	J	1.00		ND		1.00	
cis-1,2-Dichloroethene		5	ND		1.00		ND		1.00		ND		1.00	
Toluene		50	ND		2.00		ND		2.00		ND		2.00	
1,1,1-Trichloroethane		5	ND		1.00		ND		1.00		ND		1.00	
1,2-Dichloroethane (EDC)		0.6	ND		1.00		ND		1.00		ND		1.00	
1,2,4-trimethylbenzene		5	ND		1.00		ND		1.00		ND		1.00	
1,1,2-Trichloroethane		1	ND		1.00		ND		1.00		ND		1.00	
Tetrachloroethene		5	ND		1.00		ND		1.00		ND		1.00	
1,2-Dichlorobenzene		3	ND		1.00		ND		1.00		ND		1.00	

Technical Guidance and Operational Series - Table 1 New York State Ambient Water Quali
Standards & Guidance Values and Table 5 New York State Groundwater Effluent Limitations
(Class GA), June 1998.

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EDD created on 9/28/17

Lexington Machining LLC
201 Winchester Road, Lakewood, NY
Table 2
2017 Groundwater Contamination Summary

Sample #:		TOGs - Table 5	MW-1				MW-5				MW-8			
Field ID:		Groundwater												
Lab ID:		Effluent												
Date Sampled:		Limitations (Class GA)	09/06/2018				09/06/2018				09/06/2018			
Depth(ft):		(ug/L)												
Volatiles (ug/L)			**Conc**	**Q**	**RL**		**Conc**	**Q**	**RL**		**Conc**	**Q**	**RL**	
Vinyl chloride		2	ND		1.00		ND		1.00		ND		1.00	
Chloroethane		5	ND		1.00		ND		1.00		ND		1.00	
1,1-Dichloroethene		5	4.6		1.00		ND		1.00		**16.4**		1.00	
1,1-Dichloroethane		5	2.7		1.00		ND		1.00		**8.3**		1.00	
cis-1,2-Dichloroethene		5	ND		1.00		ND		1.00		ND		1.00	
Toluene		50	ND		2.00		ND		2.00		ND		2.00	
1,1,1-Trichloroethane		5	ND		1.00		ND		1.00		ND		1.00	
1,2-Dichloroethane (EDC)		0.6	ND		1.00		ND		1.00		ND		1.00	
1,2,4-trimethylbenzene		5	ND		1.00		ND		1.00		ND		1.00	
1,1,2-Trichloroethane		1	ND		1.00		ND		1.00		ND		1.00	
Tetrachloroethene		5	ND		1.00		2.2		1.00		ND		1.00	
1,2-Dichlorobenzene		3	ND		1.00		ND		1.00		ND		1.00	

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Lexington Machining LLC
201 Winchester Road, Lakewood, NY
Table 2
2017 Groundwater Contamination Summary

Sample #:		TOGs - Table 5	MW-10				MW-9				FIELD BLANK -2			
Field ID:		Groundwater												
Lab ID:		Effluent												
Date Sampled:		Limitations (Class GA)	09/06/2018				09/06/2018				09/06/2018			
Depth(ft):		(ug/L)												
Volatiles (ug/L)			**Conc**	**Q**	**RL**		**Conc**	**Q**	**RL**		**Conc**	**Q**	**RL**	
Vinyl chloride		2	ND		1.00		ND		1.00		ND		1.00	
Chloroethane		5	ND		1.00		ND		1.00		ND		1.00	
1,1-Dichloroethene		5	**10.6**		1.00		**194**	D	1.00		ND		1.00	
1,1-Dichloroethane		5	**61.1**		1.00		**166**		1.00		ND		1.00	
cis-1,2-Dichloroethene		5	ND		1.00		ND		1.00		ND		1.00	
Toluene		50	ND		2.00		ND		2.00		2.3		2.00	
1,1,1-Trichloroethane		5	ND		1.00		**7.8**		1.00		ND		1.00	
1,2-Dichloroethane (EDC)		0.6	ND		1.00		**4.1**		1.00		ND		1.00	
1,2,4-trimethylbenzene		5	ND		1.00		ND		1.00		ND		1.00	
1,1,2-Trichloroethane		1	**2.2**		1.00		ND		1.00		ND		1.00	
Tetrachloroethene		5	ND		1.00		ND		1.00		ND		1.00	
1,2-Dichlorobenzene		3	ND		1.00		ND		1.00		ND		1.00	

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EDD created on 9/28/17

Lexington Machining LLC
201 Winchester Road, Lakewood, NY
Table 2
2017 Groundwater Contamination Summary

Sample #:		TOGs - Table 5	MW-11D				MW-11			
Field ID:		Groundwater								
Lab ID:		Effluent								
Date Sampled:		Limitations (Class GA)	09/05/2018				09/05/2018			
Depth(ft):		(ug/L)								
Volatiles (ug/L)			**Conc**	**Q**	**RL**		**Conc**	**Q**	**RL**	
Vinyl chloride		2	ND		1.00		ND		1.00	
Chloroethane		5	ND		1.00		ND		0.500	
1,1-Dichloroethene		5	ND		1.00		ND		0.500	
1,1-Dichloroethane		5	ND		1.00		ND		0.500	
cis-1,2-Dichloroethene		5	ND		1.00		ND		0.500	
Toluene		50	ND		2.00		ND		2.00	
1,1,1-Trichloroethane		5	ND		1.00		ND		0.500	
1,2-Dichloroethane (EDC)		0.6	ND		1.00		ND		0.500	
1,2,4-trimethylbenzene		5	ND		1.00		ND		0.500	
1,1,2-Trichloroethane		1	ND		1.00		ND		1.00	
Tetrachloroethene		5	ND		1.00		ND		0.500	
1,2-Dichlorobenzene		3	ND		1.00		ND		0.500	

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EDD created on 9/28/17

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

Well	Date	Chloroethane (ug/L)	Chloroethene (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**	**2**	**5**	**0.6**	**5**	**5**	**5**	**1**	**1**	**50**	**5**	**3**	**50**	
Well	Date	Chloroethane (ug/L)	Chloroethene (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	1.2	BDL	**10.7**	BDL	**16.1**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	28
	10/25/2016	BDL	BDL	**5.8**	BDL	**10.7**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	16.5
	9/12/2017	BDL	BDL	**6.71**	BDL	**11.4**	BDL	0.761	BDL	BDL	BDL	BDL	BDL	BDL	18.9
	9/6/2018	BDL	BDL	**2.7**	BDL	**4.6**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.3
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	**950**	BDL	**16.4**	1.7	**9.6**	1.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	979.1
	10/25/2016	**417**	BDL	**6.4**	BDL	3.8	1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	428.2
	9/12/2017	**900**	BDL	**28.1**	0.85	**7.65**	1.08	BDL	BDL	BDL	BDL	BDL	BDL	BDL	946
	9/5/2018	**347**	BDL	**46**	BDL	**5.3**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	398.3
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	-	0
	10/25/2016	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0
	9/12/2017	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	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	**57**	**2.5**	**58.5**	1.8	**152**	BDL	BDL	BDL	BDL	BDL	BDL	**3.1**	BDL	272.4
	10/25/2016	**21.7**	BDL	**28.2**	BDL	**89.5**	BDL	BDL	BDL	BDL	BDL	BDL	2.3	BDL	141.7
	9/12/2017	**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	**19.6**	BDL	**9.5**	**69.6**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	79.1
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	0
	10/26/2016	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	0
	9/5/2018	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	0
	10/25/2016	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	1.18
	9/6/2018	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0
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	0.14 J	BDL	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	**5.3**	**9**	**12.8**	BDL	**10.7**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	28.8
	10/25/2016	3.4	**6.8**	**10.2**	BDL	**9.5**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	29.9
	9/12/2017	3.58	**9.32**	**9.15**	BDL	**5.18**	BDL	BDL	BDL	BDL	BDL	BDL	0.482 J	BDL	27.7
	9/5/2018	5.6	BDL	**5.6**	BDL	**2.6**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	13.8
MW-8	8/1/2005	BDL	BDL	**28.7**	BDL	**10.5**	BDL	2.02	**2.02**	BDL	BDL	-	-	-	43.2
	8/17/2006	BDL	BDL	**14**	BDL	**7.6**	BDL	BDL	BDL	BDL	BDL	-	-	-	21.6
	11/6/2006	BDL	BDL	**15.3**	BDL	**7.78**	BDL	BDL	BDL	BDL	BDL	-	-	-	23.1
	4/19/2007	BDL	1.5	**7.9**	BDL	3.8	BDL	2.6	BDL	-	-	-	-	-	16
	6/2/2010	1.08	0.631 J	**36.2**	0.587 J	**61.2**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	99.7
	7/1/2014	BDL	BDL	**390**	**11**	**410**	BDL	**7.5**	0.64 J	0.25 J	BDL	BDL	BDL	BDL	818.5
	11/9/2015	BDL	BDL	**7.1**	BDL	**13.9**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	21
	10/26/2016	BDL	BDL	**9.7**	BDL	**22.1**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	31.8
	9/13/2017	BDL	BDL	**6.43**	BDL	**16.1**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	22.5
	9/6/2018	BDL	BDL	**8.3**	BDL	**16.4**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	24.7
MW-9	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	**216**	**6.8**	**328**	BDL	**17.6**	BDL	BDL	BDL	BDL	BDL	BDL	568.4
	10/26/2016	BDL	BDL	**144**	**9.1**	**232**	BDL	**10.6**	BDL	BDL	BDL	BDL	BDL	BDL	395.7
	9/13/2017	BDL	BDL	**196**	**3.97**	**181**	BDL	**11.2**	BDL	BDL	BDL	BDL	BDL	BDL	392
	9/6/2018	BDL	BDL	**166**	**4.1**	**194**	BDL	**7.8**	BDL	BDL	BDL	BDL	BDL	BDL	371.9
MW-10	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	169
	7/1/2014	BDL	BDL	**44**	BDL	**8.2**	BDL	0.18 J	**1.8**	0.11 J	BDL	BDL	BDL	BDL	55.1
	11/9/2015	BDL	BDL	**40**	BDL	4.1	BDL	BDL	**1.9**	BDL	BDL	BDL	BDL	BDL	44.1
	10/26/2016	BDL	BDL	**44.7**	**1.7**	**9.4**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	55.8

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

NYSDEC GWQS		5	2	5	0.6	5	5	5	1	1	50	5	3	50	
Well	Date	Chloroethane (ug/L)	Chloroethene (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)
	9/13/2017	BDL	BDL	**38.1**	BDL	2.32	BDL	BDL	**1.21**	BDL	BDL	BDL	BDL	BDL	41.6
	9/6/2018	BDL	BDL	**61.1**	BDL	**10.6**	BDL	BDL	**2.2**	BDL	BDL	BDL	BDL	BDL	73.9
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	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	0
	9/13/2017	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	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	0
	10/26/2016	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0
	9/13/2017	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	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	**5.9**	BDL	**12.7**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	18.6
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	
	11/9/2015	**272**	BDL	**10.6**	1	**12.5**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	296.1
	10/25/2016	**44.5**	BDL	3.4	BDL	4.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	52.5
	9/12/2017	**665**	BDL	**13.2**	0.955	**11.7**	0.96	BDL	BDL	BDL	BDL	BDL	BDL	BDL	699
	9/5/2018	**430**	BDL	**27.6**	1.3	**7.6**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	466.5
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	1.2	**10.5**	BDL	1.8	BDL	BDL	BDL	BDL	BDL	BDL	1.6	BDL	12.3
	10/25/2016	1.7	1.1	**5.8**	BDL	4.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	13
	9/12/2017	3.91	**4.33**	**19**	BDL	**18.7**	BDL	BDL	BDL	BDL	BDL	BDL	0.845	BDL	46.8
	9/5/2018	BDL	BDL	**6.1**	BDL	**3.5**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9.6
Field Blank-1	9/5/2018	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**1.1**	BDL	BDL	1.1
	9/13/2017	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0
Field Blank-2	9/6/2018	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**2.3**	BDL	BDL	2.3
	9/12/2017	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0
Trip Blank	8/10/2018	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**BDL**	BDL	BDL	0

NYSDEC GWQS - New York State Department of Environmental conservation groundwater quality standards
"-" Not anlayzed 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-DEC" 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: September 2018

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

Project location: 201 Winchester Road, Lakewood, New York

Inspection date / time: 9/6/2018 @1100 conducted by: Tim McCann/Lana Ostry
Weather: Sunny, 78 * F
Site remains industrial/commercial use? X Yes _____No
If no, what is the current use? _____
Is site occupied and operational? Vacant

Are structures indicated on the Site Layout Map of SMP Figure 2 remaining?
X Yes _____No
If no, described current site conditions, specifically condition of the concrete floor of the existing / former structure _____

Are monitoring wells depicted on SMP Figure 8 in place and undamaged?
X Yes _____No
If no, described monitoring well conditions MW-2 is buried under gravel and cannot be located. The metal bolt rings associated with MW-5 are broken.

Has the annual groundwater monitoring program been implemented for the inspection period? X Yes _____No

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

Are records required by the SMP complete, current and available at the Site?
X Yes _____No
If not available on-site are there records available elsewhere?
_____Yes _____No Where? _____

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

Appendix B

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

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Environmental Remediation
625 Broadway, 11th Floor, Albany, NY 12233-7020
P: (518)402-9543 | F: (518)402-9547
www.dec.ny.gov

8/6/2018

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

Re: Reminder Notice: Site Management Periodic Review Report and IC/EC Certification Submittal
Site Name: Lexington Machining LLC
Site No.: 907044
Site Address: 201 Winchester Road
Lakewood, NY 14750

Dear Michael Lubin:

This letter serves as a reminder that sites in active Site Management (SM) require the submittal of a periodic progress report. This report, referred to as the Periodic Review Report (PRR), must document the implementation of, and compliance with, site-specific SM requirements. Section 6.3(b) of DER-10 *Technical Guidance for Site Investigation and Remediation* (available online at http://www.dec.ny.gov/regulations/67386.html) provides guidance regarding the information that must be included in the PRR. Further, if the site is comprised of multiple parcels, then you as the Certifying Party must arrange to submit one PRR for all parcels that comprise the site. The PRR must be received by the Department no later than **October 18, 2018**. Guidance on the content of a PRR is enclosed.

Site Management is defined in regulation (6 NYCRR 375-1.2(at)) and in Chapter 6 of DER-10. Depending on when the remedial program for your site was completed, SM may be governed by multiple documents (e.g., Operation, Maintenance, and Monitoring Plan; Soil Management Plan) or one comprehensive Site Management Plan.

A Site Management Plan (SMP) may contain one or all of the following elements, as applicable to the site: a plan to maintain institutional controls and/or engineering controls ("IC/EC Plan"); a plan for monitoring the performance and effectiveness of the selected remedy ("Monitoring Plan"); and/or a plan for the operation and maintenance of the selected remedy ("O&M Plan"). Additionally, the technical requirements for SM are stated in the decision document (e.g., Record of Decision) and, in some cases, the legal agreement directing the remediation of the site (e.g., order on consent, voluntary agreement, etc.).

When you submit the PRR (by the due date above), include the enclosed forms documenting that all SM requirements are being met. The Institutional Controls (ICs) portion of the form (Box 6) must be signed by you or your designated representative. The Engineering Controls (ECs) portion of the form (Box 7) must be signed by a Qualified Environmental Professional (QEP). If you cannot certify that all SM requirements are being met, you must submit a Corrective Measures Work Plan that identifies the actions to be taken to restore compliance. The work plan must include a schedule to be approved by the Department. The Periodic Review process will not be considered complete until all necessary corrective measures are completed and all required controls are certified. Instructions for completing the certifications are enclosed.

All site-related documents and data, including the PRR, must be submitted in electronic format to the Department of Environmental Conservation. The required format for documents is an Adobe PDF file with optical character recognition and no password protection. Data must be submitted as an electronic data deliverable (EDD) according to the instructions on the following webpage:

https://www.dec.ny.gov/chemical/62440.html

Documents may be submitted to the project manager either through electronic mail or by using the Department's file transfer service at the following webpage:

https://fts.dec.state.ny.us/fts/

The Department will not approve the PRR unless all documents and data generated in support of the PRR have been submitted using the required formats and protocols.

You may contact David Szymanski, the Project Manager, at 716-851-7220 or david.szymanski@dec.ny.gov with any questions or concerns about the site. Please notify the project manager before conducting inspections or field work. You may also write to the project manager at the following address:

New York State Department of Environmental Conservation
270 Michigan Ave
Buffalo, NY 14203-2915

Enclosures

PRR General Guidance
Certification Form Instructions
Certification Forms

ec: w/ enclosures
David Szymanski, Project Manager
Chad Staniszewski, Hazardous Waste Remediation Supervisor, Region 9

Bureau Veritas North America, Inc - John Stangline - john.stangline@us.bureauveritas.com

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: 6.2

Reporting Period: September 18, 2017 to September 18, 2018

	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/ECs 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.

Signature of Owner, Remedial Party or Designated Representative Date

SITE NO. 907044 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional 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 Mnagament 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.
- 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 Mnagament 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.

385.06-3-60 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 Mnagament 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

Parcel	Engineering 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

Parcel	Engineering Control

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

385.06-3-60

Vapor Mitigation

Monitored Natural Attenuation

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

Vapor Mitigation

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

Box 5

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 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 compete.

YES	NO
X	☐

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

   (a) the Institutional Control and/or 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.

Signature of Owner, Remedial Party or Designated Representative

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 Mike Lubin (print name) at 474 48th Ave, Long Island City, NY 11109 (print business address),

am certifying as Owner (Owner or Remedial Party)

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

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

10/15/2018
Date

IC/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 John A. Stangline (print name) at 520 S. Main Street, Akron, OH 44311 (print business address),

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

Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification	Stamp (Required for PE)	Date
		10/16/2018

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: 9/6/18 SAMPLED BY: TIM MCCANN/LANA OSTRY

SAMPLING METHOD: PERISTALTIC PUMP WEATHER: SUNNY

SAMPLING TIME: 8:15 AM AMBIENT TEMP: 76 °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: ~1.2 GALLONS

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
804	**11.45**	**1.7**	**0.207**	**22.93**	**3.44**	**8.54**	**157**
806	**12.00**	**0.1**	**0.209**	**22.75**	**2.03**	**8.21**	**179**
808	**12.13**	**0.5**	**0.210**	**22.52**	**3.01**	**7.91**	**197**
810	**12.23**	**0.5**	**0.211**	**22.30**	**2.96**	**7.90**	**208**
812	**12.37**	**0.3**	**0.211**	**22.30**	**2.95**	**7.85**	**200**

Comments: Clear/Light 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-2 D

PROJECT: GW SAMPLING

LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY

SAMPLING DATE: 9/5/18 SAMPLED BY: TIM MCCANN/LANA OSTRY

SAMPLING METHOD: PERISTALTIC PUMP WEATHER: SUNNY

SAMPLING TIME: 3:56 PM AMBIENT TEMP: 89 °F

WATER ELEVATION DATA:

METHOD OF MEASUREMENT: DEPTH SOUNDER:

WATER LEVEL GAUGE: X

DEPTH TO WATER (FT): 11.86

PURGE METHOD: PERISTALTIC PUMP / LOW FLOW

DEPTH OF PUMP BELOW TOP OF CASING (FT):

WAS WELL PUMPED DRY? YES X NO

TOTAL GALLONS PURGED: ~1.0 GALLONS

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
346	**11.86**	**101**	**0.179**	**29.04**	**0.65**	**8.34**	**-40**
348	**12.31**	**97**	**0.179**	**28.79**	**0.51**	**8.16**	**-63**
350	**12.42**	**83**	**0.179**	**28.56**	**0.49**	**8.06**	**-84**
353	**12.71**	**79**	**0.179**	**28.31**	**0.47**	**7.97**	**-90**
356	**12.81**	**78**	**0.178**	**28.30**	**0.46**	**7.96**	**-91**

Comments: Light Brown, Clear, No odor, No Sheen

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

GROUNDWATER MONITORING WELL SAMPLING LOG

WELL NO. MW-2

PROJECT: GW SAMPLING

LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY

SAMPLING DATE: 9/5/18 SAMPLED BY: TIM MCCANN/LANA OSTRY

SAMPLING METHOD: PERISTALTIC PUMP WEATHER: SUNNY

SAMPLING TIME: 3:22 PM AMBIENT TEMP: 89 °F

WATER ELEVATION DATA:

METHOD OF MEASUREMENT: DEPTH SOUNDER:

WATER LEVEL GAUGE: X

DEPTH TO WATER (FT): 12.45

PURGE METHOD: PERISTALTIC PUMP / LOW FLOW

DEPTH OF PUMP BELOW TOP OF CASING (FT):

WAS WELL PUMPED DRY? YES X NO

TOTAL GALLONS PURGED: ~1.0 GALLONS

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
313	**12.45**	**10.5**	**0.226**	**28.97**	**0.52**	**8.95**	**23**
316	**11.95**	**6.3**	**0.224**	**28.04**	**0.28**	**8.13**	**22**
319	**11.99**	**7.0**	**0.226**	**28.00**	**0.21**	**8.09**	**17**
321	**11.91**	**7.2**	**0.227**	**28.00**	**0.19**	**8.08**	**14**

Comments: Clear, No Odor, No Sheen

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

GROUNDWATER MONITORING WELL SAMPLING LOG

WELL NO. MW-3

PROJECT: GW SAMPLING

LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY

SAMPLING DATE: 9/5/18 SAMPLED BY: TIM MCCANN/LANA OSTRY

SAMPLING METHOD: PERISTALTIC PUMP WEATHER: SUNNY/CLOUDY

SAMPLING TIME: 2:20 PM AMBIENT TEMP: 89 °F

WATER ELEVATION DATA:

METHOD OF MEASUREMENT: DEPTH SOUNDER:

WATER LEVEL GAUGE: X

DEPTH TO WATER (FT): 13.01

PURGE METHOD: PERISTALTIC PUMP / LOW FLOW

DEPTH OF PUMP BELOW TOP OF CASING (FT):

WAS WELL PUMPED DRY? YES X NO

TOTAL GALLONS PURGED: ~1.5 GALLONS

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
208	**13.01**	**800 +**	**0.579**	**28.02**	**0.69**	**8.18**	**16**
210	**13.31**	**800 +**	**0.462**	**27.66**	**0.56**	**8.00**	**21**
212	**13.50**	**400**	**0.409**	**27.11**	**0.40**	**7.74**	**32**
214	**13.70**	**207**	**0.421**	**26.68**	**0.32**	**7.58**	**30**
217	**14.20**	**200**	**0.436**	**26.48**	**0.24**	**7.50**	**24**
220	**14.70**	**199**	**0.437**	**26.55**	**0.24**	**7.49**	**22**

Comments: Light grey, Sulfur odor, No Sheen

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

GROUNDWATER MONITORING WELL SAMPLING LOG

WELL NO. MW-4

PROJECT: GW SAMPLING

LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY

SAMPLING DATE: 9/5/18 SAMPLED BY: TIM MCCANN/LANA OSTRY

SAMPLING METHOD: PERISTALTIC PUMP WEATHER: SUNNY

SAMPLING TIME: 11:54 AM AMBIENT TEMP: 82 °F

WATER ELEVATION DATA:

METHOD OF MEASUREMENT: DEPTH SOUNDER:

WATER LEVEL GAUGE: X

DEPTH TO WATER (FT): 14.45

PURGE METHOD: PERISTALTIC PUMP / LOW FLOW

DEPTH OF PUMP BELOW TOP OF CASING (FT):

WAS WELL PUMPED DRY? YES X NO

TOTAL GALLONS PURGED: ~1.2

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
1138	**14.45**	**800**	**0.741**	**27.88**	**1.07**	**7.32**	**82**
1141	**14.40**	**520**	**0.722**	**27.89**	**0.87**	**7.04**	**75**
1144	**14.35**	**261**	**0.680**	**27.92**	**0.76**	**7.18**	**58**
1147	**14.30**	**126**	**0.668**	**27.95**	**0.82**	**6.63**	**57**
1150	**14.25**	**121**	**0.673**	**28.00**	**0.86**	**6.69**	**57**
1153	**14.20**	**118**	**0.676**	**28.00**	**0.84**	**6.69**	**51**

Comments: Clear, No Odor, No Sheen

Concrete good, Lid good, Screws in place

GROUNDWATER MONITORING WELL SAMPLING LOG

WELL NO. MW-5

PROJECT: GW SAMPLING

LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY

SAMPLING DATE: 9/6/18 SAMPLED BY: TIM MCCANN/LANA OSTRY

SAMPLING METHOD: PERISTALTIC PUMP WEATHER: CLOUDY

SAMPLING TIME: 9:04 AM AMBIENT TEMP: 77 °F

WATER ELEVATION DATA:

METHOD OF MEASUREMENT: DEPTH SOUNDER:

WATER LEVEL GAUGE: X

DEPTH TO WATER (FT): 12.71

PURGE METHOD: PERISTALTIC PUMP / LOW FLOW

DEPTH OF PUMP BELOW TOP OF CASING (FT):

WAS WELL PUMPED DRY? YES X NO

TOTAL GALLONS PURGED: GALLONS

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
851	**12.71**	**800 +**	**0893**	**21.96**	**0.26**	**7.69**	**101**
857	**13.70**	**800 +**	**0.900**	**21.58**	**0.06**	**7.58**	**99**
900	**13.65**	**417**	**0.923**	**21.36**	**0.00**	**7.49**	**98**
902	**13.72**	**395**	**0.917**	**21.30**	**0.01**	**7.43**	**98**
904	**13.81**	**399**	**0.911**	**22.28**	**0.01**	**7.39**	**101**

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

Concrete in tact, well casing in tact, cap good, No screws

GROUNDWATER MONITORING WELL SAMPLING LOG

WELL NO. MW-7

PROJECT: GW SAMPLING

LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY

SAMPLING DATE: 9/5/18 SAMPLED BY: TIM MCCANN/LANA OSTRY

SAMPLING METHOD: PERISTALTIC PUMP WEATHER: SUNNY

SAMPLING TIME: 1:20 PM AMBIENT TEMP: 89 °F

WATER ELEVATION DATA:

METHOD OF MEASUREMENT: DEPTH SOUNDER:

WATER LEVEL GAUGE: X

DEPTH TO WATER (FT): 14.45

PURGE METHOD: PERISTALTIC PUMP / LOW FLOW

DEPTH OF PUMP BELOW TOP OF CASING (FT):

WAS WELL PUMPED DRY? YES X NO

TOTAL GALLONS PURGED: ~1.3 GALLONS

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
108	**14.45**	**125**	**0.533**	**25.04**	**0.69**	**8.42**	**8**
110	**14.31**	**96**	**0.531**	**25.57**	**0.63**	**7.89**	**13**
112	**14.31**	**91**	**0.533**	**25.87**	**0.48**	**7.47**	**20**
114	**14.33**	**70**	**0.534**	**26.12**	**0.41**	**7.24**	**27**
116	**14.35**	**69**	**0.534**	**26.30**	**0.36**	**7.20**	**33**
118	**14.35**	**69**	**0.533**	**26.40**	**0.32**	**7.17**	**35**

Comments: Black particles in purge water, Sulfur-like odor

Concrete in tact, well casing in tact, cap good

GROUNDWATER MONITORING WELL SAMPLING LOG

WELL NO. MW-8

PROJECT: GW SAMPLING

LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY

SAMPLING DATE: 9/6/18 SAMPLED BY: TIM MCCANN/LANA OSTRY

SAMPLING METHOD: PERISTALTIC PUMP WEATHER: CLOUDY

SAMPLING TIME: 10:22 AM AMBIENT TEMP: 78 °F

WATER ELEVATION DATA:

METHOD OF MEASUREMENT: DEPTH SOUNDER:

WATER LEVEL GAUGE: X

DEPTH TO WATER (FT): 14.42

PURGE METHOD: PERISTALTIC PUMP / LOW FLOW

DEPTH OF PUMP BELOW TOP OF CASING (FT):

WAS WELL PUMPED DRY? YES X NO

TOTAL GALLONS PURGED:

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
1010	**14.42**	**800 +**	**0.488**	**20.60**	**0.90**	**8.12**	**122**
1013	**15.20**	**604**	**0.488**	**20.54**	**0.67**	**8.08**	**106**
1016	**15.50**	**292**	**0.490**	**20.39**	**0.61**	**8.10**	**99**
1018	**15.65**	**282**	**0.497**	**20.28**	**0.65**	**8.11**	**101**
1020	**15.75**	**283**	**0.496**	**20.23**	**0.68**	**8.12**	**101**

Comments: Light Brown, Clear, No odor

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: 9/6/18 SAMPLED BY: TIM MCCANN/LANA OSTRY

SAMPLING METHOD: PERISTALTIC PUMP WEATHER: CLOUDY

SAMPLING TIME: 9:55 AM AMBIENT TEMP: 77 °F

WATER ELEVATION DATA:

METHOD OF MEASUREMENT: DEPTH SOUNDER:

WATER LEVEL GAUGE: X

DEPTH TO WATER (FT): 11.95

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
943	**11.95**	**0.0**	**0.671**	**22.30**	**3.77**	**7.88**	**152**
946	**12.60**	**0.0**	**0.675**	**21.75**	**3.83**	**7.69**	**154**
949	**12.85**	**0.0**	**0.678**	**21.50**	**3.84**	**7.61**	**154**
952	**13.11**	**0.0**	**0.682**	**21.35**	**3.90**	**7.59**	**154**

Comments: Light 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: 9/6/18 SAMPLED BY: TIM MCCANN/LANA OSTRY

SAMPLING METHOD: PERISTALTIC PUMP WEATHER: SUNNY/CLOUDY

SAMPLING TIME: 10:45 AM AMBIENT TEMP: 78 °F

WATER ELEVATION DATA:

METHOD OF MEASUREMENT: DEPTH SOUNDER:

WATER LEVEL GAUGE: X

DEPTH TO WATER (FT): 11.05

PURGE METHOD: PERISTALTIC PUMP / LOW FLOW

DEPTH OF PUMP BELOW TOP OF CASING (FT):

WAS WELL PUMPED DRY? YES X NO

TOTAL GALLONS PURGED:

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
1036	**11.05**	**74**	**0.757**	**20.67**	**0.48**	**7.73**	**52**
1038	**11.70**	**65**	**0.770**	**20.37**	**0.49**	**7.58**	**54**
1040	**11.90**	**63**	**0.775**	**20.35**	**0.47**	**7.52**	**54**
1042	**12.00**	**60**	**0.780**	**20.30**	**0.45**	**7.51**	**51**

Comments: Light Brown, Clear, No odor, No Sheen

Concrete in tact

GROUNDWATER MONITORING WELL SAMPLING LOG

WELL NO. MW-11 D

PROJECT: GW SAMPLING

LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY

SAMPLING DATE: 9/5/18 SAMPLED BY: TIM MCCANN/LANA OSTRY

SAMPLING METHOD: PERISTALTIC PUMP WEATHER: SUNNY

SAMPLING TIME: 12:22 PM AMBIENT TEMP: 84 °F

WATER ELEVATION DATA:

METHOD OF MEASUREMENT: DEPTH SOUNDER:

WATER LEVEL GAUGE: X

DEPTH TO WATER (FT): 9.98

PURGE METHOD: PERISTALTIC PUMP / LOW FLOW

DEPTH OF PUMP BELOW TOP OF CASING (FT):

WAS WELL PUMPED DRY? YES X NO

TOTAL GALLONS PURGED: ~0.8 GALLONS

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
1214	**9.98**	**96**	**0.731**	**28.21**	**0.50**	**11.73**	**-16**
1216	**9.83**	**75**	**0.719**	**28.22**	**0.18**	**11.85**	**-22**
1218	**9.78**	**70**	**0.714**	**28.21**	**0.16**	**11.91**	**-25**
1220	**9.71**	**67**	**0.712**	**28.21**	**0.10**	**11.93**	**-28**

Comments: Clear, No Odor, No sheen
Road dry, In tact, Concrete in tact, Cap in place, Screws in place

GROUNDWATER MONITORING WELL SAMPLING LOG

WELL NO. MW-11

PROJECT: GW SAMPLING

LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY

SAMPLING DATE: 9/5/18 SAMPLED BY: TIM MCCANN/LANA OSTRY

SAMPLING METHOD: PERISTALTIC PUMP WEATHER: SUNNY

SAMPLING TIME: 12:49 AM AMBIENT TEMP: 87 °F

WATER ELEVATION DATA:

METHOD OF MEASUREMENT: DEPTH SOUNDER:

WATER LEVEL GAUGE: X

DEPTH TO WATER (FT): 9.39

PURGE METHOD: PERISTALTIC PUMP / LOW FLOW

DEPTH OF PUMP BELOW TOP OF CASING (FT): 4.4

WAS WELL PUMPED DRY? YES X NO

TOTAL GALLONS PURGED: ~1.3

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
1239	**9.51**	**70**	**0.418**	**25.30**	**1.34**	**10.21**	**97**
1241	**9.76**	**54**	**0.407**	**25.60**	**1.21**	**9.68**	**109**
1243	**9.95**	**54**	**0.403**	**25.67**	**1.13**	**9.26**	**119**
1245	**10.15**	**53**	**0.403**	**25.69**	**1.16**	**9.18**	**125**
1247	**10.45**	**50**	**0.402**	**25.74**	**1.19**	**9.12**	**129**

Comments:

GROUNDWATER MONITORING WELL SAMPLING LOG

WELL NO. MW-12

PROJECT: GW SAMPLING

LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY

SAMPLING DATE: 9/6/18 SAMPLED BY: TIM MCCANN/LANA OSTRY

SAMPLING METHOD: PERISTALTIC PUMP WEATHER: SUNNY

SAMPLING TIME: 8:37 AM AMBIENT TEMP: 78 °F

WATER ELEVATION DATA:

METHOD OF MEASUREMENT: DEPTH SOUNDER:

WATER LEVEL GAUGE: X

DEPTH TO WATER (FT): 10.42

PURGE METHOD: PERISTALTIC PUMP / LOW FLOW

DEPTH OF PUMP BELOW TOP OF CASING (FT):

WAS WELL PUMPED DRY? YES X NO

TOTAL GALLONS PURGED: ~1.3 GALLONS

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
824	**10.72**	**6.0**	**0.273**	**20.25**	**0.60**	**8.27**	**37**
827	**11.00**	**420**	**0.275**	**20.55**	**0.39**	**7.54**	**34**
829	**11.10**	**156**	**0.277**	**20.61**	**0.38**	**7.37**	**32**
837	**11.12**	**50**	**0.277**	**20.66**	**0.36**	**7.29**	**30**
833	**11.17**	**45**	**0.278**	**20.70**	**0.34**	**7.21**	**29**
835	**11.20**	**44**	**0.277**	**20.71**	**0.31**	**7.20**	**28**

Comments: Clear/Light Grey, Few Black particles, 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: 9/5/18 SAMPLED BY: TIM MCCANN/LANA OSTRY

SAMPLING METHOD: PERISTALTIC PUMP WEATHER: SUNNY

SAMPLING TIME: 2:53 PM AMBIENT TEMP: 89 °F

WATER ELEVATION DATA:

METHOD OF MEASUREMENT: DEPTH SOUNDER:

WATER LEVEL GAUGE: X

DEPTH TO WATER (FT): 11.19

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
242	**11.19**	**41**	**0.424**	**23.10**	**1.15**	**8.41**	**32**
245	**11.85**	**27**	**0.384**	**24.42**	**0.66**	**7.85**	**42**
248	**11.90**	**25**	**0.378**	**24.40**	**0.60**	**7.80**	**39**
251	**11.95**	**20**	**0.383**	**24.40**	**0.61**	**7.80**	**36**

Comments: Clear, No Odor, No Sheen

Concrete in tact, well casing in tact, cap in tact ,2 screws

GROUNDWATER MONITORING WELL SAMPLING LOG

WELL NO. MW-14

PROJECT: GW SAMPLING

LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY

SAMPLING DATE: 9/5/18 SAMPLED BY: TIM MCCANN/LANA OSTRY

SAMPLING METHOD: PERISTALTIC PUMP WEATHER: SUNNY/CLOUDY

SAMPLING TIME: 1:50 PM AMBIENT TEMP: 89 °F

WATER ELEVATION DATA:

METHOD OF MEASUREMENT: DEPTH SOUNDER:

WATER LEVEL GAUGE: X

DEPTH TO WATER (FT): 12.00

PURGE METHOD: PERISTALTIC PUMP / LOW FLOW

DEPTH OF PUMP BELOW TOP OF CASING (FT):

WAS WELL PUMPED DRY? YES X NO

TOTAL GALLONS PURGED: ~1.3 GALLONS

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
137	**12.00**	**199**	**0.450**	**27.64**	**0.92**	**8.64**	**-8**
139	**12.50**	**163**	**0.445**	**27.73**	**0.58**	**8.23**	**-9**
142	**12.71**	**105**	**0.447**	**27.40**	**0.44**	**7.84**	**-10**
145	**12.86**	**100**	**0.446**	**27.14**	**0.38**	**7.74**	**-9**
148	**13.02**	**98**	**0.442**	**27.00**	**0.44**	**7.77**	**33**

Comments: Light brown, No odor, No Sheen

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

Appendix D

PACE ANALYTICAL LABORATORY REPORT

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

September 24, 2018

Mr. Timothy McCann
Bureau Veritas
520 South Main Street
Suite 2444
Akron, OH 44311

RE: Project: 08018-000099.00
Pace Project No.: 30264524

Dear Mr. McCann:
Enclosed are the analytical results for sample(s) received by the laboratory on September 08, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Samantha Bayura

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

Enclosures

cc: Mr. Daniel Zinz, Bureau Veritas

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

CERTIFICATIONS

Project: 08018-000099.00
Pace Project No.: 30264524

Pennsylvania Certification IDs

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
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

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 08018-000099.00
Pace Project No.: 30264524

Sample: MW-1 **Lab ID: 30264524001** Collected: 09/06/18 08:15 Received: 09/08/18 11:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
Acetone	ND	ug/L	10.0	1		09/16/18 01:19	67-64-1	
Benzene	ND	ug/L	1.0	1		09/16/18 01:19	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		09/16/18 01:19	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/16/18 01:19	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/16/18 01:19	75-25-2	
Bromomethane	ND	ug/L	1.0	1		09/16/18 01:19	74-83-9	CL
TOTAL BTEX	ND	ug/L	6.0	1		09/16/18 01:19		
2-Butanone (MEK)	ND	ug/L	10.0	1		09/16/18 01:19	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		09/16/18 01:19	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/16/18 01:19	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/16/18 01:19	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/16/18 01:19	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/16/18 01:19	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/16/18 01:19	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		09/16/18 01:19	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 01:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 01:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 01:19	106-46-7	
1,1-Dichloroethane	**2.7**	ug/L	1.0	1		09/16/18 01:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/16/18 01:19	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		09/16/18 01:19	540-59-0	
1,1-Dichloroethene	**4.6**	ug/L	1.0	1		09/16/18 01:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/16/18 01:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/16/18 01:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/16/18 01:19	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/16/18 01:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/16/18 01:19	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/16/18 01:19	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		09/16/18 01:19	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/16/18 01:19	98-82-8	
Methylene Chloride	ND	ug/L	1.0	1		09/16/18 01:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/16/18 01:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/16/18 01:19	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		09/16/18 01:19	91-20-3	
Styrene	ND	ug/L	1.0	1		09/16/18 01:19	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/16/18 01:19	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/16/18 01:19	127-18-4	
Toluene	ND	ug/L	1.0	1		09/16/18 01:19	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/16/18 01:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		09/16/18 01:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/16/18 01:19	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/16/18 01:19	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/16/18 01:19	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/16/18 01:19	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/16/18 01:19	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/16/18 01:19	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		09/16/18 01:19	179601-23-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 08018-000099.00
Pace Project No.: 30264524

Sample: MW-1 **Lab ID: 30264524001** Collected: 09/06/18 08:15 Received: 09/08/18 11:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
o-Xylene	ND	ug/L	1.0	1		09/16/18 01:19	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	103	%.	79-129	1		09/16/18 01:19	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%.	80-120	1		09/16/18 01:19	17060-07-0	
Toluene-d8 (S)	102	%.	80-120	1		09/16/18 01:19	2037-26-5	
Dibromofluoromethane (S)	95	%.	80-120	1		09/16/18 01:19	1868-53-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 08018-000099.00
Pace Project No.: 30264524

Sample: MW-2 **Lab ID: 30264524002** Collected: 09/05/18 15:22 Received: 09/08/18 11:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
Acetone	ND	ug/L	10.0	1		09/16/18 06:41	67-64-1	
Benzene	ND	ug/L	1.0	1		09/16/18 06:41	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		09/16/18 06:41	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/16/18 06:41	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/16/18 06:41	75-25-2	
Bromomethane	ND	ug/L	1.0	1		09/16/18 06:41	74-83-9	CL
TOTAL BTEX	ND	ug/L	6.0	1		09/16/18 06:41		
2-Butanone (MEK)	ND	ug/L	10.0	1		09/16/18 06:41	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		09/16/18 06:41	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/16/18 06:41	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/16/18 06:41	108-90-7	
Chloroethane	**347**	ug/L	1.0	1		09/16/18 06:41	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/16/18 06:41	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/16/18 06:41	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		09/16/18 06:41	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 06:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 06:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 06:41	106-46-7	
1,1-Dichloroethane	**46.0**	ug/L	1.0	1		09/16/18 06:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/16/18 06:41	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		09/16/18 06:41	540-59-0	
1,1-Dichloroethene	**5.3**	ug/L	1.0	1		09/16/18 06:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/16/18 06:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/16/18 06:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/16/18 06:41	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/16/18 06:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/16/18 06:41	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/16/18 06:41	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		09/16/18 06:41	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/16/18 06:41	98-82-8	
Methylene Chloride	ND	ug/L	1.0	1		09/16/18 06:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/16/18 06:41	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/16/18 06:41	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		09/16/18 06:41	91-20-3	
Styrene	ND	ug/L	1.0	1		09/16/18 06:41	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/16/18 06:41	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/16/18 06:41	127-18-4	
Toluene	ND	ug/L	1.0	1		09/16/18 06:41	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/16/18 06:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		09/16/18 06:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/16/18 06:41	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/16/18 06:41	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/16/18 06:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/16/18 06:41	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/16/18 06:41	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/16/18 06:41	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		09/16/18 06:41	179601-23-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 08018-000099.00
Pace Project No.: 30264524

Sample: MW-2 **Lab ID: 30264524002** Collected: 09/05/18 15:22 Received: 09/08/18 11:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
o-Xylene	ND	ug/L	1.0	1		09/16/18 06:41	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%.	79-129	1		09/16/18 06:41	460-00-4	
1,2-Dichloroethane-d4 (S)	115	%.	80-120	1		09/16/18 06:41	17060-07-0	
Toluene-d8 (S)	105	%.	80-120	1		09/16/18 06:41	2037-26-5	
Dibromofluoromethane (S)	94	%.	80-120	1		09/16/18 06:41	1868-53-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 08018-000099.00
Pace Project No.: 30264524

Sample: MW-2D **Lab ID: 30264524003** Collected: 09/05/18 15:56 Received: 09/08/18 11:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
Acetone	ND	ug/L	10.0	1		09/16/18 01:45	67-64-1	
Benzene	ND	ug/L	1.0	1		09/16/18 01:45	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		09/16/18 01:45	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/16/18 01:45	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/16/18 01:45	75-25-2	
Bromomethane	ND	ug/L	1.0	1		09/16/18 01:45	74-83-9	CL
TOTAL BTEX	ND	ug/L	6.0	1		09/16/18 01:45		
2-Butanone (MEK)	ND	ug/L	10.0	1		09/16/18 01:45	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		09/16/18 01:45	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/16/18 01:45	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/16/18 01:45	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/16/18 01:45	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/16/18 01:45	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/16/18 01:45	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		09/16/18 01:45	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 01:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 01:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 01:45	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	1		09/16/18 01:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/16/18 01:45	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		09/16/18 01:45	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/16/18 01:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/16/18 01:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/16/18 01:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/16/18 01:45	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/16/18 01:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/16/18 01:45	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/16/18 01:45	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		09/16/18 01:45	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/16/18 01:45	98-82-8	
Methylene Chloride	ND	ug/L	1.0	1		09/16/18 01:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/16/18 01:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/16/18 01:45	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		09/16/18 01:45	91-20-3	
Styrene	ND	ug/L	1.0	1		09/16/18 01:45	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/16/18 01:45	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/16/18 01:45	127-18-4	
Toluene	ND	ug/L	1.0	1		09/16/18 01:45	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/16/18 01:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		09/16/18 01:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/16/18 01:45	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/16/18 01:45	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/16/18 01:45	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/16/18 01:45	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/16/18 01:45	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/16/18 01:45	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		09/16/18 01:45	179601-23-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 08018-000099.00
Pace Project No.: 30264524

Sample: MW-2D **Lab ID: 30264524003** Collected: 09/05/18 15:56 Received: 09/08/18 11:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
o-Xylene	ND	ug/L	1.0	1		09/16/18 01:45	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%.	79-129	1		09/16/18 01:45	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%.	80-120	1		09/16/18 01:45	17060-07-0	
Toluene-d8 (S)	99	%.	80-120	1		09/16/18 01:45	2037-26-5	
Dibromofluoromethane (S)	94	%.	80-120	1		09/16/18 01:45	1868-53-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 08018-000099.00
Pace Project No.: 30264524

Sample: MW-3 **Lab ID: 30264524004** Collected: 09/05/18 14:20 Received: 09/08/18 11:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
Acetone	ND	ug/L	10.0	1		09/16/18 08:28	67-64-1	
Benzene	ND	ug/L	1.0	1		09/16/18 08:28	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		09/16/18 08:28	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/16/18 08:28	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/16/18 08:28	75-25-2	
Bromomethane	ND	ug/L	1.0	1		09/16/18 08:28	74-83-9	CL
TOTAL BTEX	ND	ug/L	6.0	1		09/16/18 08:28		
2-Butanone (MEK)	ND	ug/L	10.0	1		09/16/18 08:28	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		09/16/18 08:28	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/16/18 08:28	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/16/18 08:28	108-90-7	
Chloroethane	**19.6**	ug/L	1.0	1		09/16/18 08:28	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/16/18 08:28	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/16/18 08:28	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		09/16/18 08:28	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 08:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 08:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 08:28	106-46-7	
1,1-Dichloroethane	**9.5**	ug/L	1.0	1		09/16/18 08:28	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/16/18 08:28	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		09/16/18 08:28	540-59-0	
1,1-Dichloroethene	**69.6**	ug/L	1.0	1		09/16/18 08:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/16/18 08:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/16/18 08:28	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/16/18 08:28	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/16/18 08:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/16/18 08:28	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/16/18 08:28	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		09/16/18 08:28	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/16/18 08:28	98-82-8	
Methylene Chloride	ND	ug/L	1.0	1		09/16/18 08:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/16/18 08:28	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/16/18 08:28	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		09/16/18 08:28	91-20-3	
Styrene	ND	ug/L	1.0	1		09/16/18 08:28	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/16/18 08:28	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/16/18 08:28	127-18-4	
Toluene	ND	ug/L	1.0	1		09/16/18 08:28	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/16/18 08:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		09/16/18 08:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/16/18 08:28	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/16/18 08:28	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/16/18 08:28	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/16/18 08:28	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/16/18 08:28	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/16/18 08:28	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		09/16/18 08:28	179601-23-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
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(724)850-5600

ANALYTICAL RESULTS

Project: 08018-000099.00
Pace Project No.: 30264524

Sample: MW-3 **Lab ID: 30264524004** Collected: 09/05/18 14:20 Received: 09/08/18 11:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
o-Xylene	ND	ug/L	1.0	1		09/16/18 08:28	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	103	%.	79-129	1		09/16/18 08:28	460-00-4	
1,2-Dichloroethane-d4 (S)	114	%.	80-120	1		09/16/18 08:28	17060-07-0	
Toluene-d8 (S)	100	%.	80-120	1		09/16/18 08:28	2037-26-5	
Dibromofluoromethane (S)	96	%.	80-120	1		09/16/18 08:28	1868-53-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 08018-000099.00
Pace Project No.: 30264524

Sample: MW-4 **Lab ID: 30264524005** Collected: 09/05/18 11:54 Received: 09/08/18 11:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
Acetone	ND	ug/L	10.0	1		09/16/18 02:12	67-64-1	
Benzene	ND	ug/L	1.0	1		09/16/18 02:12	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		09/16/18 02:12	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/16/18 02:12	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/16/18 02:12	75-25-2	
Bromomethane	ND	ug/L	1.0	1		09/16/18 02:12	74-83-9	CL
TOTAL BTEX	ND	ug/L	6.0	1		09/16/18 02:12		
2-Butanone (MEK)	ND	ug/L	10.0	1		09/16/18 02:12	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		09/16/18 02:12	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/16/18 02:12	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/16/18 02:12	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/16/18 02:12	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/16/18 02:12	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/16/18 02:12	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		09/16/18 02:12	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 02:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 02:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 02:12	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	1		09/16/18 02:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/16/18 02:12	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		09/16/18 02:12	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/16/18 02:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/16/18 02:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/16/18 02:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/16/18 02:12	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/16/18 02:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/16/18 02:12	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/16/18 02:12	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		09/16/18 02:12	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/16/18 02:12	98-82-8	
Methylene Chloride	ND	ug/L	1.0	1		09/16/18 02:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/16/18 02:12	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/16/18 02:12	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		09/16/18 02:12	91-20-3	
Styrene	ND	ug/L	1.0	1		09/16/18 02:12	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/16/18 02:12	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/16/18 02:12	127-18-4	
Toluene	ND	ug/L	1.0	1		09/16/18 02:12	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/16/18 02:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		09/16/18 02:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/16/18 02:12	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/16/18 02:12	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/16/18 02:12	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/16/18 02:12	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/16/18 02:12	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/16/18 02:12	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		09/16/18 02:12	179601-23-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 08018-000099.00
Pace Project No.: 30264524

Sample: MW-4 **Lab ID: 30264524005** Collected: 09/05/18 11:54 Received: 09/08/18 11:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
o-Xylene	ND	ug/L	1.0	1		09/16/18 02:12	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%.	79-129	1		09/16/18 02:12	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%.	80-120	1		09/16/18 02:12	17060-07-0	
Toluene-d8 (S)	103	%.	80-120	1		09/16/18 02:12	2037-26-5	
Dibromofluoromethane (S)	93	%.	80-120	1		09/16/18 02:12	1868-53-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 08018-000099.00
Pace Project No.: 30264524

Sample: MW-5 **Lab ID: 30264524006** Collected: 09/06/18 09:04 Received: 09/08/18 11:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
Acetone	ND	ug/L	10.0	1		09/16/18 02:39	67-64-1	
Benzene	ND	ug/L	1.0	1		09/16/18 02:39	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		09/16/18 02:39	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/16/18 02:39	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/16/18 02:39	75-25-2	
Bromomethane	ND	ug/L	1.0	1		09/16/18 02:39	74-83-9	CL
TOTAL BTEX	ND	ug/L	6.0	1		09/16/18 02:39		
2-Butanone (MEK)	ND	ug/L	10.0	1		09/16/18 02:39	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		09/16/18 02:39	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/16/18 02:39	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/16/18 02:39	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/16/18 02:39	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/16/18 02:39	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/16/18 02:39	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		09/16/18 02:39	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 02:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 02:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 02:39	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	1		09/16/18 02:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/16/18 02:39	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		09/16/18 02:39	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/16/18 02:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/16/18 02:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/16/18 02:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/16/18 02:39	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/16/18 02:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/16/18 02:39	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/16/18 02:39	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		09/16/18 02:39	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/16/18 02:39	98-82-8	
Methylene Chloride	ND	ug/L	1.0	1		09/16/18 02:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/16/18 02:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/16/18 02:39	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		09/16/18 02:39	91-20-3	
Styrene	ND	ug/L	1.0	1		09/16/18 02:39	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/16/18 02:39	79-34-5	
Tetrachloroethene	**2.2**	ug/L	1.0	1		09/16/18 02:39	127-18-4	
Toluene	ND	ug/L	1.0	1		09/16/18 02:39	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/16/18 02:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		09/16/18 02:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/16/18 02:39	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/16/18 02:39	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/16/18 02:39	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/16/18 02:39	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/16/18 02:39	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/16/18 02:39	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		09/16/18 02:39	179601-23-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 08018-000099.00
Pace Project No.: 30264524

Sample: MW-5 **Lab ID: 30264524006** Collected: 09/06/18 09:04 Received: 09/08/18 11:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
o-Xylene	ND	ug/L	1.0	1		09/16/18 02:39	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%.	79-129	1		09/16/18 02:39	460-00-4	
1,2-Dichloroethane-d4 (S)	114	%.	80-120	1		09/16/18 02:39	17060-07-0	
Toluene-d8 (S)	104	%.	80-120	1		09/16/18 02:39	2037-26-5	
Dibromofluoromethane (S)	92	%.	80-120	1		09/16/18 02:39	1868-53-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
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(724)850-5600

ANALYTICAL RESULTS

Project: 08018-000099.00
Pace Project No.: 30264524

Sample: MW-7 **Lab ID: 30264524007** Collected: 09/05/18 13:20 Received: 09/08/18 11:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
Acetone	ND	ug/L	10.0	1		09/16/18 03:06	67-64-1	
Benzene	ND	ug/L	1.0	1		09/16/18 03:06	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		09/16/18 03:06	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/16/18 03:06	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/16/18 03:06	75-25-2	
Bromomethane	ND	ug/L	1.0	1		09/16/18 03:06	74-83-9	CL
TOTAL BTEX	ND	ug/L	6.0	1		09/16/18 03:06		
2-Butanone (MEK)	ND	ug/L	10.0	1		09/16/18 03:06	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		09/16/18 03:06	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/16/18 03:06	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/16/18 03:06	108-90-7	
Chloroethane	**1.3**	ug/L	1.0	1		09/16/18 03:06	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/16/18 03:06	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/16/18 03:06	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		09/16/18 03:06	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 03:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 03:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 03:06	106-46-7	
1,1-Dichloroethane	**5.6**	ug/L	1.0	1		09/16/18 03:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/16/18 03:06	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		09/16/18 03:06	540-59-0	
1,1-Dichloroethene	**2.6**	ug/L	1.0	1		09/16/18 03:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/16/18 03:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/16/18 03:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/16/18 03:06	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/16/18 03:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/16/18 03:06	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/16/18 03:06	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		09/16/18 03:06	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/16/18 03:06	98-82-8	
Methylene Chloride	ND	ug/L	1.0	1		09/16/18 03:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/16/18 03:06	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/16/18 03:06	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		09/16/18 03:06	91-20-3	
Styrene	ND	ug/L	1.0	1		09/16/18 03:06	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/16/18 03:06	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/16/18 03:06	127-18-4	
Toluene	ND	ug/L	1.0	1		09/16/18 03:06	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/16/18 03:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		09/16/18 03:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/16/18 03:06	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/16/18 03:06	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/16/18 03:06	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/16/18 03:06	108-67-8	
Vinyl chloride	**4.4**	ug/L	1.0	1		09/16/18 03:06	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/16/18 03:06	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		09/16/18 03:06	179601-23-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 08018-000099.00
Pace Project No.: 30264524

Sample: MW-7 **Lab ID: 30264524007** Collected: 09/05/18 13:20 Received: 09/08/18 11:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
o-Xylene	ND	ug/L	1.0	1		09/16/18 03:06	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%.	79-129	1		09/16/18 03:06	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%.	80-120	1		09/16/18 03:06	17060-07-0	
Toluene-d8 (S)	100	%.	80-120	1		09/16/18 03:06	2037-26-5	
Dibromofluoromethane (S)	92	%.	80-120	1		09/16/18 03:06	1868-53-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 08018-000099.00
Pace Project No.: 30264524

Sample: MW-8 **Lab ID: 30264524008** Collected: 09/06/18 10:22 Received: 09/08/18 11:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
Acetone	ND	ug/L	10.0	1		09/16/18 03:33	67-64-1	
Benzene	ND	ug/L	1.0	1		09/16/18 03:33	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		09/16/18 03:33	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/16/18 03:33	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/16/18 03:33	75-25-2	
Bromomethane	ND	ug/L	1.0	1		09/16/18 03:33	74-83-9	CL
TOTAL BTEX	ND	ug/L	6.0	1		09/16/18 03:33		
2-Butanone (MEK)	ND	ug/L	10.0	1		09/16/18 03:33	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		09/16/18 03:33	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/16/18 03:33	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/16/18 03:33	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/16/18 03:33	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/16/18 03:33	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/16/18 03:33	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		09/16/18 03:33	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 03:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 03:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 03:33	106-46-7	
1,1-Dichloroethane	**8.3**	ug/L	1.0	1		09/16/18 03:33	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/16/18 03:33	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		09/16/18 03:33	540-59-0	
1,1-Dichloroethene	**16.4**	ug/L	1.0	1		09/16/18 03:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/16/18 03:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/16/18 03:33	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/16/18 03:33	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/16/18 03:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/16/18 03:33	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/16/18 03:33	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		09/16/18 03:33	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/16/18 03:33	98-82-8	
Methylene Chloride	ND	ug/L	1.0	1		09/16/18 03:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/16/18 03:33	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/16/18 03:33	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		09/16/18 03:33	91-20-3	
Styrene	ND	ug/L	1.0	1		09/16/18 03:33	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/16/18 03:33	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/16/18 03:33	127-18-4	
Toluene	ND	ug/L	1.0	1		09/16/18 03:33	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/16/18 03:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		09/16/18 03:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/16/18 03:33	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/16/18 03:33	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/16/18 03:33	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/16/18 03:33	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/16/18 03:33	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/16/18 03:33	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		09/16/18 03:33	179601-23-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 08018-000099.00
Pace Project No.: 30264524

Sample: MW-8 **Lab ID: 30264524008** Collected: 09/06/18 10:22 Received: 09/08/18 11:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
o-Xylene	ND	ug/L	1.0	1		09/16/18 03:33	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	98	%.	79-129	1		09/16/18 03:33	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%.	80-120	1		09/16/18 03:33	17060-07-0	
Toluene-d8 (S)	101	%.	80-120	1		09/16/18 03:33	2037-26-5	
Dibromofluoromethane (S)	91	%.	80-120	1		09/16/18 03:33	1868-53-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 08018-000099.00
Pace Project No.: 30264524

Sample: MW-9 **Lab ID: 30264524009** Collected: 09/06/18 09:55 Received: 09/08/18 11:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
Acetone	ND	ug/L	10.0	1		09/16/18 04:00	67-64-1	
Benzene	ND	ug/L	1.0	1		09/16/18 04:00	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		09/16/18 04:00	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/16/18 04:00	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/16/18 04:00	75-25-2	
Bromomethane	ND	ug/L	1.0	1		09/16/18 04:00	74-83-9	CL
TOTAL BTEX	ND	ug/L	6.0	1		09/16/18 04:00		
2-Butanone (MEK)	ND	ug/L	10.0	1		09/16/18 04:00	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		09/16/18 04:00	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/16/18 04:00	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/16/18 04:00	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/16/18 04:00	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/16/18 04:00	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/16/18 04:00	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		09/16/18 04:00	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 04:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 04:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 04:00	106-46-7	
1,1-Dichloroethane	**166**	ug/L	1.0	1		09/16/18 04:00	75-34-3	
1,2-Dichloroethane	**4.1**	ug/L	1.0	1		09/16/18 04:00	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		09/16/18 04:00	540-59-0	
1,1-Dichloroethene	**194**	ug/L	1.0	1		09/16/18 04:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/16/18 04:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/16/18 04:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/16/18 04:00	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/16/18 04:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/16/18 04:00	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/16/18 04:00	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		09/16/18 04:00	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/16/18 04:00	98-82-8	
Methylene Chloride	ND	ug/L	1.0	1		09/16/18 04:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/16/18 04:00	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/16/18 04:00	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		09/16/18 04:00	91-20-3	
Styrene	ND	ug/L	1.0	1		09/16/18 04:00	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/16/18 04:00	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/16/18 04:00	127-18-4	
Toluene	ND	ug/L	1.0	1		09/16/18 04:00	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/16/18 04:00	120-82-1	
1,1,1-Trichloroethane	**7.8**	ug/L	1.0	1		09/16/18 04:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/16/18 04:00	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/16/18 04:00	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/16/18 04:00	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/16/18 04:00	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/16/18 04:00	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/16/18 04:00	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		09/16/18 04:00	179601-23-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 08018-000099.00
Pace Project No.: 30264524

Sample: MW-9 **Lab ID: 30264524009** Collected: 09/06/18 09:55 Received: 09/08/18 11:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
o-Xylene	ND	ug/L	1.0	1		09/16/18 04:00	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%.	79-129	1		09/16/18 04:00	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%.	80-120	1		09/16/18 04:00	17060-07-0	
Toluene-d8 (S)	105	%.	80-120	1		09/16/18 04:00	2037-26-5	
Dibromofluoromethane (S)	91	%.	80-120	1		09/16/18 04:00	1868-53-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 08018-000099.00
Pace Project No.: 30264524

Sample: MW-10 **Lab ID: 30264524010** Collected: 09/06/18 10:45 Received: 09/08/18 11:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
Acetone	ND	ug/L	10.0	1		09/16/18 04:27	67-64-1	
Benzene	ND	ug/L	1.0	1		09/16/18 04:27	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		09/16/18 04:27	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/16/18 04:27	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/16/18 04:27	75-25-2	
Bromomethane	ND	ug/L	1.0	1		09/16/18 04:27	74-83-9	CL
TOTAL BTEX	ND	ug/L	6.0	1		09/16/18 04:27		
2-Butanone (MEK)	ND	ug/L	10.0	1		09/16/18 04:27	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		09/16/18 04:27	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/16/18 04:27	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/16/18 04:27	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/16/18 04:27	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/16/18 04:27	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/16/18 04:27	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		09/16/18 04:27	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 04:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 04:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 04:27	106-46-7	
1,1-Dichloroethane	**61.1**	ug/L	1.0	1		09/16/18 04:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/16/18 04:27	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		09/16/18 04:27	540-59-0	
1,1-Dichloroethene	**10.6**	ug/L	1.0	1		09/16/18 04:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/16/18 04:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/16/18 04:27	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/16/18 04:27	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/16/18 04:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/16/18 04:27	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/16/18 04:27	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		09/16/18 04:27	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/16/18 04:27	98-82-8	
Methylene Chloride	ND	ug/L	1.0	1		09/16/18 04:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/16/18 04:27	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/16/18 04:27	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		09/16/18 04:27	91-20-3	
Styrene	ND	ug/L	1.0	1		09/16/18 04:27	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/16/18 04:27	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/16/18 04:27	127-18-4	
Toluene	ND	ug/L	1.0	1		09/16/18 04:27	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/16/18 04:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		09/16/18 04:27	71-55-6	
1,1,2-Trichloroethane	**2.2**	ug/L	1.0	1		09/16/18 04:27	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/16/18 04:27	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/16/18 04:27	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/16/18 04:27	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/16/18 04:27	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/16/18 04:27	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		09/16/18 04:27	179601-23-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 08018-000099.00
Pace Project No.: 30264524

Sample: MW-10 **Lab ID: 30264524010** Collected: 09/06/18 10:45 Received: 09/08/18 11:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
o-Xylene	ND	ug/L	1.0	1		09/16/18 04:27	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%.	79-129	1		09/16/18 04:27	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%.	80-120	1		09/16/18 04:27	17060-07-0	
Toluene-d8 (S)	99	%.	80-120	1		09/16/18 04:27	2037-26-5	
Dibromofluoromethane (S)	94	%.	80-120	1		09/16/18 04:27	1868-53-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 08018-000099.00
Pace Project No.: 30264524

Sample: MW-11 **Lab ID: 30264524011** Collected: 09/05/18 12:49 Received: 09/08/18 11:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
Acetone	ND	ug/L	10.0	1		09/16/18 04:53	67-64-1	
Benzene	ND	ug/L	1.0	1		09/16/18 04:53	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		09/16/18 04:53	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/16/18 04:53	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/16/18 04:53	75-25-2	
Bromomethane	ND	ug/L	1.0	1		09/16/18 04:53	74-83-9	CL
TOTAL BTEX	ND	ug/L	6.0	1		09/16/18 04:53		
2-Butanone (MEK)	ND	ug/L	10.0	1		09/16/18 04:53	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		09/16/18 04:53	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/16/18 04:53	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/16/18 04:53	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/16/18 04:53	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/16/18 04:53	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/16/18 04:53	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		09/16/18 04:53	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 04:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 04:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 04:53	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	1		09/16/18 04:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/16/18 04:53	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		09/16/18 04:53	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/16/18 04:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/16/18 04:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/16/18 04:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/16/18 04:53	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/16/18 04:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/16/18 04:53	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/16/18 04:53	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		09/16/18 04:53	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/16/18 04:53	98-82-8	
Methylene Chloride	ND	ug/L	1.0	1		09/16/18 04:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/16/18 04:53	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/16/18 04:53	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		09/16/18 04:53	91-20-3	
Styrene	ND	ug/L	1.0	1		09/16/18 04:53	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/16/18 04:53	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/16/18 04:53	127-18-4	
Toluene	ND	ug/L	1.0	1		09/16/18 04:53	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/16/18 04:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		09/16/18 04:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/16/18 04:53	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/16/18 04:53	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/16/18 04:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/16/18 04:53	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/16/18 04:53	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/16/18 04:53	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		09/16/18 04:53	179601-23-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 08018-000099.00
Pace Project No.: 30264524

Sample: MW-11 **Lab ID: 30264524011** Collected: 09/05/18 12:49 Received: 09/08/18 11:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
o-Xylene	ND	ug/L	1.0	1		09/16/18 04:53	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	98	%.	79-129	1		09/16/18 04:53	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%.	80-120	1		09/16/18 04:53	17060-07-0	
Toluene-d8 (S)	102	%.	80-120	1		09/16/18 04:53	2037-26-5	
Dibromofluoromethane (S)	87	%.	80-120	1		09/16/18 04:53	1868-53-7	

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 08018-000099.00
Pace Project No.: 30264524

Sample: MW-11D **Lab ID: 30264524012** Collected: 09/05/18 12:22 Received: 09/08/18 11:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
Acetone	ND	ug/L	10.0	1		09/16/18 05:20	67-64-1	
Benzene	ND	ug/L	1.0	1		09/16/18 05:20	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		09/16/18 05:20	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/16/18 05:20	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/16/18 05:20	75-25-2	
Bromomethane	ND	ug/L	1.0	1		09/16/18 05:20	74-83-9	CL
TOTAL BTEX	ND	ug/L	6.0	1		09/16/18 05:20		
2-Butanone (MEK)	ND	ug/L	10.0	1		09/16/18 05:20	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		09/16/18 05:20	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/16/18 05:20	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/16/18 05:20	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/16/18 05:20	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/16/18 05:20	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/16/18 05:20	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		09/16/18 05:20	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 05:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 05:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 05:20	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	1		09/16/18 05:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/16/18 05:20	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		09/16/18 05:20	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/16/18 05:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/16/18 05:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/16/18 05:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/16/18 05:20	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/16/18 05:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/16/18 05:20	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/16/18 05:20	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		09/16/18 05:20	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/16/18 05:20	98-82-8	
Methylene Chloride	ND	ug/L	1.0	1		09/16/18 05:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/16/18 05:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/16/18 05:20	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		09/16/18 05:20	91-20-3	
Styrene	ND	ug/L	1.0	1		09/16/18 05:20	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/16/18 05:20	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/16/18 05:20	127-18-4	
Toluene	ND	ug/L	1.0	1		09/16/18 05:20	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/16/18 05:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		09/16/18 05:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/16/18 05:20	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/16/18 05:20	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/16/18 05:20	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/16/18 05:20	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/16/18 05:20	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/16/18 05:20	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		09/16/18 05:20	179601-23-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 08018-000099.00
Pace Project No.: 30264524

Sample: MW-11D **Lab ID: 30264524012** Collected: 09/05/18 12:22 Received: 09/08/18 11:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
o-Xylene	ND	ug/L	1.0	1		09/16/18 05:20	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	97	%.	79-129	1		09/16/18 05:20	460-00-4	
1,2-Dichloroethane-d4 (S)	114	%.	80-120	1		09/16/18 05:20	17060-07-0	
Toluene-d8 (S)	101	%.	80-120	1		09/16/18 05:20	2037-26-5	
Dibromofluoromethane (S)	98	%.	80-120	1		09/16/18 05:20	1868-53-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 08018-000099.00
Pace Project No.: 30264524

Sample: MW-12 **Lab ID: 30264524013** Collected: 09/06/18 08:37 Received: 09/08/18 11:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
Acetone	ND	ug/L	10.0	1		09/16/18 05:47	67-64-1	
Benzene	ND	ug/L	1.0	1		09/16/18 05:47	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		09/16/18 05:47	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/16/18 05:47	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/16/18 05:47	75-25-2	
Bromomethane	ND	ug/L	1.0	1		09/16/18 05:47	74-83-9	CL
TOTAL BTEX	ND	ug/L	6.0	1		09/16/18 05:47		
2-Butanone (MEK)	ND	ug/L	10.0	1		09/16/18 05:47	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		09/16/18 05:47	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/16/18 05:47	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/16/18 05:47	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/16/18 05:47	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/16/18 05:47	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/16/18 05:47	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		09/16/18 05:47	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 05:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 05:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 05:47	106-46-7	
1,1-Dichloroethane	**5.9**	ug/L	1.0	1		09/16/18 05:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/16/18 05:47	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		09/16/18 05:47	540-59-0	
1,1-Dichloroethene	**12.7**	ug/L	1.0	1		09/16/18 05:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/16/18 05:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/16/18 05:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/16/18 05:47	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/16/18 05:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/16/18 05:47	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/16/18 05:47	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		09/16/18 05:47	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/16/18 05:47	98-82-8	
Methylene Chloride	ND	ug/L	1.0	1		09/16/18 05:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/16/18 05:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/16/18 05:47	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		09/16/18 05:47	91-20-3	
Styrene	ND	ug/L	1.0	1		09/16/18 05:47	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/16/18 05:47	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/16/18 05:47	127-18-4	
Toluene	ND	ug/L	1.0	1		09/16/18 05:47	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/16/18 05:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		09/16/18 05:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/16/18 05:47	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/16/18 05:47	79-01-6	
1,2,4-Trimethylbenzene	**1.1**	ug/L	1.0	1		09/16/18 05:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/16/18 05:47	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/16/18 05:47	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/16/18 05:47	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		09/16/18 05:47	179601-23-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 08018-000099.00
Pace Project No.: 30264524

Sample: MW-12 **Lab ID: 30264524013** Collected: 09/06/18 08:37 Received: 09/08/18 11:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
o-Xylene	ND	ug/L	1.0	1		09/16/18 05:47	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%.	79-129	1		09/16/18 05:47	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%.	80-120	1		09/16/18 05:47	17060-07-0	
Toluene-d8 (S)	101	%.	80-120	1		09/16/18 05:47	2037-26-5	
Dibromofluoromethane (S)	95	%.	80-120	1		09/16/18 05:47	1868-53-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 08018-000099.00
Pace Project No.: 30264524

Sample: MW-13 **Lab ID: 30264524014** Collected: 09/05/18 14:53 Received: 09/08/18 11:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
Acetone	ND	ug/L	10.0	1		09/16/18 07:34	67-64-1	
Benzene	ND	ug/L	1.0	1		09/16/18 07:34	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		09/16/18 07:34	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/16/18 07:34	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/16/18 07:34	75-25-2	
Bromomethane	ND	ug/L	1.0	1		09/16/18 07:34	74-83-9	CL
TOTAL BTEX	ND	ug/L	6.0	1		09/16/18 07:34		
2-Butanone (MEK)	ND	ug/L	10.0	1		09/16/18 07:34	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		09/16/18 07:34	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/16/18 07:34	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/16/18 07:34	108-90-7	
Chloroethane	**430**	ug/L	50.0	50		09/16/18 08:01	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/16/18 07:34	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/16/18 07:34	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		09/16/18 07:34	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 07:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 07:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 07:34	106-46-7	
1,1-Dichloroethane	**27.6**	ug/L	1.0	1		09/16/18 07:34	75-34-3	
1,2-Dichloroethane	**1.3**	ug/L	1.0	1		09/16/18 07:34	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		09/16/18 07:34	540-59-0	
1,1-Dichloroethene	**7.6**	ug/L	1.0	1		09/16/18 07:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/16/18 07:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/16/18 07:34	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/16/18 07:34	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/16/18 07:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/16/18 07:34	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/16/18 07:34	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		09/16/18 07:34	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/16/18 07:34	98-82-8	
Methylene Chloride	ND	ug/L	1.0	1		09/16/18 07:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/16/18 07:34	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/16/18 07:34	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		09/16/18 07:34	91-20-3	
Styrene	ND	ug/L	1.0	1		09/16/18 07:34	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/16/18 07:34	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/16/18 07:34	127-18-4	
Toluene	ND	ug/L	1.0	1		09/16/18 07:34	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/16/18 07:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		09/16/18 07:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/16/18 07:34	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/16/18 07:34	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/16/18 07:34	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/16/18 07:34	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/16/18 07:34	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/16/18 07:34	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		09/16/18 07:34	179601-23-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 08018-000099.00
Pace Project No.: 30264524

Sample: MW-13 **Lab ID: 30264524014** Collected: 09/05/18 14:53 Received: 09/08/18 11:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
o-Xylene	ND	ug/L	1.0	1		09/16/18 07:34	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	96	%.	79-129	1		09/16/18 07:34	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%.	80-120	1		09/16/18 07:34	17060-07-0	
Toluene-d8 (S)	105	%.	80-120	1		09/16/18 07:34	2037-26-5	
Dibromofluoromethane (S)	97	%.	80-120	1		09/16/18 07:34	1868-53-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 08018-000099.00
Pace Project No.: 30264524

Sample: MW-14 **Lab ID: 30264524015** Collected: 09/05/18 13:54 Received: 09/08/18 11:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
Acetone	ND	ug/L	10.0	1		09/16/18 06:14	67-64-1	
Benzene	ND	ug/L	1.0	1		09/16/18 06:14	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		09/16/18 06:14	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/16/18 06:14	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/16/18 06:14	75-25-2	
Bromomethane	ND	ug/L	1.0	1		09/16/18 06:14	74-83-9	CL
TOTAL BTEX	ND	ug/L	6.0	1		09/16/18 06:14		
2-Butanone (MEK)	ND	ug/L	10.0	1		09/16/18 06:14	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		09/16/18 06:14	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/16/18 06:14	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/16/18 06:14	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/16/18 06:14	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/16/18 06:14	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/16/18 06:14	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		09/16/18 06:14	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 06:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 06:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 06:14	106-46-7	
1,1-Dichloroethane	**6.1**	ug/L	1.0	1		09/16/18 06:14	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/16/18 06:14	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		09/16/18 06:14	540-59-0	
1,1-Dichloroethene	**3.5**	ug/L	1.0	1		09/16/18 06:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/16/18 06:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/16/18 06:14	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/16/18 06:14	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/16/18 06:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/16/18 06:14	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/16/18 06:14	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		09/16/18 06:14	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/16/18 06:14	98-82-8	
Methylene Chloride	ND	ug/L	1.0	1		09/16/18 06:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/16/18 06:14	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/16/18 06:14	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		09/16/18 06:14	91-20-3	
Styrene	ND	ug/L	1.0	1		09/16/18 06:14	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/16/18 06:14	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/16/18 06:14	127-18-4	
Toluene	ND	ug/L	1.0	1		09/16/18 06:14	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/16/18 06:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		09/16/18 06:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/16/18 06:14	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/16/18 06:14	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/16/18 06:14	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/16/18 06:14	108-67-8	
Vinyl chloride	**3.2**	ug/L	1.0	1		09/16/18 06:14	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/16/18 06:14	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		09/16/18 06:14	179601-23-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 08018-000099.00
Pace Project No.: 30264524

Sample: MW-14 **Lab ID: 30264524015** Collected: 09/05/18 13:54 Received: 09/08/18 11:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
o-Xylene	ND	ug/L	1.0	1		09/16/18 06:14	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	98	%.	79-129	1		09/16/18 06:14	460-00-4	
1,2-Dichloroethane-d4 (S)	117	%.	80-120	1		09/16/18 06:14	17060-07-0	
Toluene-d8 (S)	99	%.	80-120	1		09/16/18 06:14	2037-26-5	
Dibromofluoromethane (S)	93	%.	80-120	1		09/16/18 06:14	1868-53-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 08018-000099.00
Pace Project No.: 30264524

Sample: Field Blank **Lab ID: 30264524016** Collected: 09/05/18 15:55 Received: 09/08/18 11:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
Acetone	ND	ug/L	10.0	1		09/15/18 23:58	67-64-1	
Benzene	ND	ug/L	1.0	1		09/15/18 23:58	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		09/15/18 23:58	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/15/18 23:58	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/15/18 23:58	75-25-2	
Bromomethane	ND	ug/L	1.0	1		09/15/18 23:58	74-83-9	CL
TOTAL BTEX	ND	ug/L	6.0	1		09/15/18 23:58		
2-Butanone (MEK)	ND	ug/L	10.0	1		09/15/18 23:58	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		09/15/18 23:58	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/15/18 23:58	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/15/18 23:58	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/15/18 23:58	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/15/18 23:58	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/15/18 23:58	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		09/15/18 23:58	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/15/18 23:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/15/18 23:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/15/18 23:58	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	1		09/15/18 23:58	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/15/18 23:58	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		09/15/18 23:58	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/15/18 23:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/15/18 23:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/15/18 23:58	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/15/18 23:58	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/15/18 23:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/15/18 23:58	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/15/18 23:58	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		09/15/18 23:58	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/15/18 23:58	98-82-8	
Methylene Chloride	ND	ug/L	1.0	1		09/15/18 23:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/15/18 23:58	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/15/18 23:58	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		09/15/18 23:58	91-20-3	
Styrene	ND	ug/L	1.0	1		09/15/18 23:58	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/15/18 23:58	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/15/18 23:58	127-18-4	
Toluene	**1.1**	ug/L	1.0	1		09/15/18 23:58	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/15/18 23:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		09/15/18 23:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/15/18 23:58	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/15/18 23:58	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/15/18 23:58	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/15/18 23:58	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/15/18 23:58	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/15/18 23:58	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		09/15/18 23:58	179601-23-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 08018-000099.00
Pace Project No.: 30264524

Sample: Field Blank **Lab ID: 30264524016** Collected: 09/05/18 15:55 Received: 09/08/18 11:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
o-Xylene	ND	ug/L	1.0	1		09/15/18 23:58	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%.	79-129	1		09/15/18 23:58	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%.	80-120	1		09/15/18 23:58	17060-07-0	
Toluene-d8 (S)	102	%.	80-120	1		09/15/18 23:58	2037-26-5	
Dibromofluoromethane (S)	91	%.	80-120	1		09/15/18 23:58	1868-53-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 08018-000099.00
Pace Project No.: 30264524

Sample: Field Blank 2 **Lab ID: 30264524017** Collected: 09/06/18 11:05 Received: 09/08/18 11:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
Acetone	ND	ug/L	10.0	1		09/16/18 00:25	67-64-1	
Benzene	ND	ug/L	1.0	1		09/16/18 00:25	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		09/16/18 00:25	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/16/18 00:25	75-27-4	
Bromoform	ND	ug/L	1.0	1		09/16/18 00:25	75-25-2	
Bromomethane	ND	ug/L	1.0	1		09/16/18 00:25	74-83-9	CL
TOTAL BTEX	ND	ug/L	6.0	1		09/16/18 00:25		
2-Butanone (MEK)	ND	ug/L	10.0	1		09/16/18 00:25	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		09/16/18 00:25	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/16/18 00:25	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		09/16/18 00:25	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/16/18 00:25	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/16/18 00:25	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/16/18 00:25	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		09/16/18 00:25	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 00:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 00:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 00:25	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	1		09/16/18 00:25	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/16/18 00:25	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		09/16/18 00:25	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/16/18 00:25	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/16/18 00:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/16/18 00:25	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/16/18 00:25	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/16/18 00:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/16/18 00:25	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/16/18 00:25	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		09/16/18 00:25	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/16/18 00:25	98-82-8	
Methylene Chloride	ND	ug/L	1.0	1		09/16/18 00:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/16/18 00:25	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/16/18 00:25	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		09/16/18 00:25	91-20-3	
Styrene	ND	ug/L	1.0	1		09/16/18 00:25	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/16/18 00:25	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/16/18 00:25	127-18-4	
Toluene	**2.3**	ug/L	1.0	1		09/16/18 00:25	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/16/18 00:25	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		09/16/18 00:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/16/18 00:25	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/16/18 00:25	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/16/18 00:25	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/16/18 00:25	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		09/16/18 00:25	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		09/16/18 00:25	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		09/16/18 00:25	179601-23-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 08018-000099.00
Pace Project No.: 30264524

Sample: Field Blank 2 **Lab ID: 30264524017** Collected: 09/06/18 11:05 Received: 09/08/18 11:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
o-Xylene	ND	ug/L	1.0	1		09/16/18 00:25	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	97	%.	79-129	1		09/16/18 00:25	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%.	80-120	1		09/16/18 00:25	17060-07-0	
Toluene-d8 (S)	104	%.	80-120	1		09/16/18 00:25	2037-26-5	
Dibromofluoromethane (S)	90	%.	80-120	1		09/16/18 00:25	1868-53-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 08018-000099.00
Pace Project No.: 30264524

Sample: Trip Blank **Lab ID: 30264524018** Collected: 08/10/18 00:01 Received: 09/08/18 11:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
Acetone	ND	ug/L	10.0	1		09/16/18 00:52	67-64-1	H3
Benzene	ND	ug/L	1.0	1		09/16/18 00:52	71-43-2	H3
Bromochloromethane	ND	ug/L	1.0	1		09/16/18 00:52	74-97-5	H3
Bromodichloromethane	ND	ug/L	1.0	1		09/16/18 00:52	75-27-4	H3
Bromoform	ND	ug/L	1.0	1		09/16/18 00:52	75-25-2	H3
Bromomethane	ND	ug/L	1.0	1		09/16/18 00:52	74-83-9	CL,H3
TOTAL BTEX	ND	ug/L	6.0	1		09/16/18 00:52		
2-Butanone (MEK)	ND	ug/L	10.0	1		09/16/18 00:52	78-93-3	H3
Carbon disulfide	ND	ug/L	1.0	1		09/16/18 00:52	75-15-0	H3
Carbon tetrachloride	ND	ug/L	1.0	1		09/16/18 00:52	56-23-5	H3
Chlorobenzene	ND	ug/L	1.0	1		09/16/18 00:52	108-90-7	H3
Chloroethane	ND	ug/L	1.0	1		09/16/18 00:52	75-00-3	H3
Chloroform	ND	ug/L	1.0	1		09/16/18 00:52	67-66-3	H3
Chloromethane	ND	ug/L	1.0	1		09/16/18 00:52	74-87-3	H3
Dibromochloromethane	ND	ug/L	1.0	1		09/16/18 00:52	124-48-1	H3
1,2-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 00:52	95-50-1	H3
1,3-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 00:52	541-73-1	H3
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/16/18 00:52	106-46-7	H3
1,1-Dichloroethane	ND	ug/L	1.0	1		09/16/18 00:52	75-34-3	H3
1,2-Dichloroethane	ND	ug/L	1.0	1		09/16/18 00:52	107-06-2	H3
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		09/16/18 00:52	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		09/16/18 00:52	75-35-4	H3
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		09/16/18 00:52	156-59-2	H3
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		09/16/18 00:52	156-60-5	H3
1,2-Dichloropropane	ND	ug/L	1.0	1		09/16/18 00:52	78-87-5	H3
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/16/18 00:52	10061-01-5	H3
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/16/18 00:52	10061-02-6	H3
Ethylbenzene	ND	ug/L	1.0	1		09/16/18 00:52	100-41-4	H3
2-Hexanone	ND	ug/L	10.0	1		09/16/18 00:52	591-78-6	H3
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		09/16/18 00:52	98-82-8	H3
Methylene Chloride	ND	ug/L	1.0	1		09/16/18 00:52	75-09-2	H3
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		09/16/18 00:52	108-10-1	H3
Methyl-tert-butyl ether	ND	ug/L	1.0	1		09/16/18 00:52	1634-04-4	H3
Naphthalene	ND	ug/L	2.0	1		09/16/18 00:52	91-20-3	H3
Styrene	ND	ug/L	1.0	1		09/16/18 00:52	100-42-5	H3
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		09/16/18 00:52	79-34-5	H3
Tetrachloroethene	ND	ug/L	1.0	1		09/16/18 00:52	127-18-4	H3
Toluene	ND	ug/L	1.0	1		09/16/18 00:52	108-88-3	H3
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		09/16/18 00:52	120-82-1	H3
1,1,1-Trichloroethane	ND	ug/L	1.0	1		09/16/18 00:52	71-55-6	H3
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/16/18 00:52	79-00-5	H3
Trichloroethene	ND	ug/L	1.0	1		09/16/18 00:52	79-01-6	H3
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		09/16/18 00:52	95-63-6	H3
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		09/16/18 00:52	108-67-8	H3
Vinyl chloride	ND	ug/L	1.0	1		09/16/18 00:52	75-01-4	H3
Xylene (Total)	ND	ug/L	3.0	1		09/16/18 00:52	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		09/16/18 00:52	179601-23-1	H3

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 08018-000099.00
Pace Project No.: 30264524

Sample: Trip Blank **Lab ID: 30264524018** Collected: 08/10/18 00:01 Received: 09/08/18 11:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
o-Xylene	ND	ug/L	1.0	1		09/16/18 00:52	95-47-6	H3
Surrogates								
4-Bromofluorobenzene (S)	99	%.	79-129	1		09/16/18 00:52	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%.	80-120	1		09/16/18 00:52	17060-07-0	
Toluene-d8 (S)	101	%.	80-120	1		09/16/18 00:52	2037-26-5	
Dibromofluoromethane (S)	89	%.	80-120	1		09/16/18 00:52	1868-53-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: 08018-000099.00
Pace Project No.: 30264524

QC Batch: 313110 Analysis Method: EPA 8260C
QC Batch Method: EPA 8260C Analysis Description: 8260C MSV
Associated Lab Samples: 30264524001, 30264524002, 30264524003, 30264524004, 30264524005, 30264524006, 30264524007, 30264524008, 30264524009, 30264524010, 30264524011, 30264524012, 30264524013, 30264524014, 30264524015, 30264524016, 30264524017, 30264524018

METHOD BLANK: 1529163 Matrix: Water
Associated Lab Samples: 30264524001, 30264524002, 30264524003, 30264524004, 30264524005, 30264524006, 30264524007, 30264524008, 30264524009, 30264524010, 30264524011, 30264524012, 30264524013, 30264524014, 30264524015, 30264524016, 30264524017, 30264524018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	09/15/18 23:31	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	09/15/18 23:31	
1,1,2-Trichloroethane	ug/L	ND	1.0	09/15/18 23:31	
1,1-Dichloroethane	ug/L	ND	1.0	09/15/18 23:31	
1,1-Dichloroethene	ug/L	ND	1.0	09/15/18 23:31	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	09/15/18 23:31	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	09/15/18 23:31	
1,2-Dichlorobenzene	ug/L	ND	1.0	09/15/18 23:31	
1,2-Dichloroethane	ug/L	ND	1.0	09/15/18 23:31	
1,2-Dichloroethene (Total)	ug/L	ND	2.0	09/15/18 23:31	
1,2-Dichloropropane	ug/L	ND	1.0	09/15/18 23:31	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	09/15/18 23:31	
1,3-Dichlorobenzene	ug/L	ND	1.0	09/15/18 23:31	
1,4-Dichlorobenzene	ug/L	ND	1.0	09/15/18 23:31	
2-Butanone (MEK)	ug/L	ND	10.0	09/15/18 23:31	
2-Hexanone	ug/L	ND	10.0	09/15/18 23:31	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	09/15/18 23:31	
Acetone	ug/L	ND	10.0	09/15/18 23:31	
Benzene	ug/L	ND	1.0	09/15/18 23:31	
Bromochloromethane	ug/L	ND	1.0	09/15/18 23:31	
Bromodichloromethane	ug/L	ND	1.0	09/15/18 23:31	
Bromoform	ug/L	ND	1.0	09/15/18 23:31	
Bromomethane	ug/L	ND	1.0	09/15/18 23:31	CL
Carbon disulfide	ug/L	ND	1.0	09/15/18 23:31	
Carbon tetrachloride	ug/L	ND	1.0	09/15/18 23:31	
Chlorobenzene	ug/L	ND	1.0	09/15/18 23:31	
Chloroethane	ug/L	ND	1.0	09/15/18 23:31	
Chloroform	ug/L	ND	1.0	09/15/18 23:31	
Chloromethane	ug/L	ND	1.0	09/15/18 23:31	
cis-1,2-Dichloroethene	ug/L	ND	1.0	09/15/18 23:31	
cis-1,3-Dichloropropene	ug/L	ND	1.0	09/15/18 23:31	
Dibromochloromethane	ug/L	ND	1.0	09/15/18 23:31	
Ethylbenzene	ug/L	ND	1.0	09/15/18 23:31	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	09/15/18 23:31	
m&p-Xylene	ug/L	ND	2.0	09/15/18 23:31	
Methyl-tert-butyl ether	ug/L	ND	1.0	09/15/18 23:31	
Methylene Chloride	ug/L	ND	1.0	09/15/18 23:31	
Naphthalene	ug/L	ND	2.0	09/15/18 23:31	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: 08018-000099.00
Pace Project No.: 30264524

METHOD BLANK: 1529163 Matrix: Water

Associated Lab Samples: 30264524001, 30264524002, 30264524003, 30264524004, 30264524005, 30264524006, 30264524007, 30264524008, 30264524009, 30264524010, 30264524011, 30264524012, 30264524013, 30264524014, 30264524015, 30264524016, 30264524017, 30264524018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
o-Xylene	ug/L	ND	1.0	09/15/18 23:31	
Styrene	ug/L	ND	1.0	09/15/18 23:31	
Tetrachloroethene	ug/L	ND	1.0	09/15/18 23:31	
Toluene	ug/L	ND	1.0	09/15/18 23:31	
TOTAL BTEX	ug/L	ND	6.0	09/15/18 23:31	
trans-1,2-Dichloroethene	ug/L	ND	1.0	09/15/18 23:31	
trans-1,3-Dichloropropene	ug/L	ND	1.0	09/15/18 23:31	
Trichloroethene	ug/L	ND	1.0	09/15/18 23:31	
Vinyl chloride	ug/L	ND	1.0	09/15/18 23:31	
Xylene (Total)	ug/L	ND	3.0	09/15/18 23:31	
1,2-Dichloroethane-d4 (S)	%.	110	80-120	09/15/18 23:31	
4-Bromofluorobenzene (S)	%.	98	79-129	09/15/18 23:31	
Dibromofluoromethane (S)	%.	95	80-120	09/15/18 23:31	
Toluene-d8 (S)	%.	103	80-120	09/15/18 23:31	

LABORATORY CONTROL SAMPLE: 1529164

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	19.3	96	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	18.3	91	65-127	
1,1,2-Trichloroethane	ug/L	20	20.9	104	70-130	
1,1-Dichloroethane	ug/L	20	20.8	104	70-130	
1,1-Dichloroethene	ug/L	20	20.8	104	70-130	
1,2,4-Trichlorobenzene	ug/L	20	17.6	88	70-130	
1,2,4-Trimethylbenzene	ug/L	20	17.1	85	70-130	
1,2-Dichlorobenzene	ug/L	20	17.6	88	70-130	
1,2-Dichloroethane	ug/L	20	18.2	91	70-130	
1,2-Dichloroethene (Total)	ug/L	40	40.9	102	70-130	
1,2-Dichloropropane	ug/L	20	21.7	108	70-130	
1,3,5-Trimethylbenzene	ug/L	20	17.9	89	70-130	
1,3-Dichlorobenzene	ug/L	20	17.5	87	70-130	
1,4-Dichlorobenzene	ug/L	20	17.9	90	70-130	
2-Butanone (MEK)	ug/L	20	16.8	84	72-170	
2-Hexanone	ug/L	20	19.6	98	65-151	
4-Methyl-2-pentanone (MIBK)	ug/L	20	17.8	89	66-150	
Acetone	ug/L	20	14.1	70	30-179	
Benzene	ug/L	20	19.1	96	70-130	
Bromochloromethane	ug/L	20	18.2	91	70-130	
Bromodichloromethane	ug/L	20	19.3	97	70-130	
Bromoform	ug/L	20	16.5	83	70-130	
Bromomethane	ug/L	20	11.4	57	47-174	CL
Carbon disulfide	ug/L	20	17.1	85	43-133	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: 08018-000099.00
Pace Project No.: 30264524

LABORATORY CONTROL SAMPLE: 1529164

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	20	17.3	86	56-143	
Chlorobenzene	ug/L	20	20.0	100	70-130	
Chloroethane	ug/L	20	20.7	103	67-139	
Chloroform	ug/L	20	18.6	93	70-130	
Chloromethane	ug/L	20	17.3	86	57-138	
cis-1,2-Dichloroethene	ug/L	20	19.9	99	70-130	
cis-1,3-Dichloropropene	ug/L	20	18.0	90	70-130	
Dibromochloromethane	ug/L	20	17.9	89	70-130	
Ethylbenzene	ug/L	20	20.3	101	70-130	
Isopropylbenzene (Cumene)	ug/L	20	17.8	89	70-130	
m&p-Xylene	ug/L	40	38.5	96	70-130	
Methyl-tert-butyl ether	ug/L	20	16.7	84	70-130	
Methylene Chloride	ug/L	20	18.3	92	55-144	
Naphthalene	ug/L	20	16.8	84	70-130	
o-Xylene	ug/L	20	19.1	95	70-130	
Styrene	ug/L	20	18.9	95	70-130	
Tetrachloroethene	ug/L	20	19.6	98	70-130	
Toluene	ug/L	20	21.3	107	70-130	
TOTAL BTEX	ug/L		118			
trans-1,2-Dichloroethene	ug/L	20	21.0	105	70-130	
trans-1,3-Dichloropropene	ug/L	20	19.9	99	70-130	
Trichloroethene	ug/L	20	18.8	94	70-130	
Vinyl chloride	ug/L	20	19.9	99	70-130	
Xylene (Total)	ug/L	60	57.5	96	70-130	
1,2-Dichloroethane-d4 (S)	%.			100	80-120	
4-Bromofluorobenzene (S)	%.			97	79-129	
Dibromofluoromethane (S)	%.			90	80-120	
Toluene-d8 (S)	%.			108	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1529167 1529168

Parameter	Units	30264524001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1-Trichloroethane	ug/L	ND	20	20	22.1	21.7	110	109	79-129	2	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	17.9	17.3	89	87	57-118	3	
1,1,2-Trichloroethane	ug/L	ND	20	20	20.6	20.9	103	105	68-117	2	
1,1-Dichloroethane	ug/L	2.7	20	20	25.3	23.8	113	105	74-119	6	
1,1-Dichloroethene	ug/L	4.6	20	20	27.6	26.4	115	109	63-126	4	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	18.0	16.8	90	84	60-117	7	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	17.8	16.9	89	84	75-125	5	
1,2-Dichlorobenzene	ug/L	ND	20	20	17.4	16.8	87	84	72-119	4	
1,2-Dichloroethane	ug/L	ND	20	20	20.2	19.6	101	98	69-116	3	
1,2-Dichloroethene (Total)	ug/L	ND	40	40	44.8	42.1	112	105	70-119	6	
1,2-Dichloropropane	ug/L	ND	20	20	21.7	21.0	109	105	63-118	3	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	17.8	17.2	89	86	76-121	3	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: 08018-000099.00
Pace Project No.: 30264524

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1529167 1529168

Parameter	Units	30264524001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,3-Dichlorobenzene	ug/L	ND	20	20	17.8	16.8	89	84	81-119	6	
1,4-Dichlorobenzene	ug/L	ND	20	20	18.6	16.9	93	84	72-118	9	
2-Butanone (MEK)	ug/L	ND	20	20	18.2	17.7	91	88	72-168	3	
2-Hexanone	ug/L	ND	20	20	20.1	19.7	100	99	66-143	2	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	20	20	19.4	19.0	97	95	67-145	2	
Acetone	ug/L	ND	20	20	15.9	15.9	80	80	15-175	0	
Benzene	ug/L	ND	20	20	19.8	19.6	99	98	67-121	1	
Bromochloromethane	ug/L	ND	20	20	20.4	17.7	102	88	62-128	14	
Bromodichloromethane	ug/L	ND	20	20	20.3	18.6	102	93	66-127	9	
Bromoform	ug/L	ND	20	20	15.6	14.9	78	74	71-127	5	
Bromomethane	ug/L	ND	20	20	8.2	11.6	41	58	10-156	35	CL,R1
Carbon disulfide	ug/L	ND	20	20	17.0	16.7	85	83	45-131	2	
Carbon tetrachloride	ug/L	ND	20	20	20.2	18.4	101	92	69-134	9	
Chlorobenzene	ug/L	ND	20	20	19.1	19.4	96	97	69-119	1	
Chloroethane	ug/L	ND	20	20	22.8	22.5	114	112	60-156	1	
Chloroform	ug/L	ND	20	20	19.2	18.9	96	95	69-115	1	
Chloromethane	ug/L	ND	20	20	19.5	20.0	98	100	52-145	2	
cis-1,2-Dichloroethene	ug/L	ND	20	20	22.2	20.7	111	103	65-120	7	
cis-1,3-Dichloropropene	ug/L	ND	20	20	18.2	17.7	91	89	57-125	3	
Dibromochloromethane	ug/L	ND	20	20	16.9	17.4	84	87	64-131	3	
Ethylbenzene	ug/L	ND	20	20	19.8	19.8	99	99	70-127	0	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	18.5	17.8	92	89	80-122	4	
m&p-Xylene	ug/L	ND	40	40	38.2	38.2	96	96	71-128	0	
Methyl-tert-butyl ether	ug/L	ND	20	20	18.3	17.4	91	87	79-135	5	
Methylene Chloride	ug/L	ND	20	20	19.5	19.7	97	99	54-133	1	
Naphthalene	ug/L	ND	20	20	15.6	15.6	78	78	62-131	0	
o-Xylene	ug/L	ND	20	20	19.1	19.0	95	95	68-125	0	
Styrene	ug/L	ND	20	20	18.1	17.4	90	87	65-121	4	
Tetrachloroethene	ug/L	ND	20	20	19.6	20.6	98	103	77-125	5	
Toluene	ug/L	ND	20	20	20.9	21.1	104	105	77-125	1	
TOTAL BTEX	ug/L	ND			118	118				0	
trans-1,2-Dichloroethene	ug/L	ND	20	20	22.6	21.4	113	107	70-119	6	
trans-1,3-Dichloropropene	ug/L	ND	20	20	18.7	18.8	94	94	52-125	1	
Trichloroethene	ug/L	ND	20	20	18.6	19.1	93	95	74-128	2	
Vinyl chloride	ug/L	ND	20	20	23.0	23.7	115	119	60-131	3	
Xylene (Total)	ug/L	ND	60	60	57.3	57.2	95	95	69-128	0	
1,2-Dichloroethane-d4 (S)	%.						111	110	80-120		
4-Bromofluorobenzene (S)	%.						102	99	79-129		
Dibromofluoromethane (S)	%.						94	98	80-120		
Toluene-d8 (S)	%.						106	109	80-120		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALIFIERS

Project: 08018-000099.00
Pace Project No.: 30264524

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

CL	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased low.
H3	Sample was received or analysis requested beyond the recognized method holding time.
R1	RPD value was outside control limits.

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 08018-000099.00
Pace Project No.: 30264524

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
30264524001	**MW-1**	EPA 8260C	313110		
30264524002	**MW-2**	EPA 8260C	313110		
30264524003	**MW-2D**	EPA 8260C	313110		
30264524004	**MW-3**	EPA 8260C	313110		
30264524005	**MW-4**	EPA 8260C	313110		
30264524006	**MW-5**	EPA 8260C	313110		
30264524007	**MW-7**	EPA 8260C	313110		
30264524008	**MW-8**	EPA 8260C	313110		
30264524009	**MW-9**	EPA 8260C	313110		
30264524010	**MW-10**	EPA 8260C	313110		
30264524011	**MW-11**	EPA 8260C	313110		
30264524012	**MW-11D**	EPA 8260C	313110		
30264524013	**MW-12**	EPA 8260C	313110		
30264524014	**MW-13**	EPA 8260C	313110		
30264524015	**MW-14**	EPA 8260C	313110		
30264524016	**Field Blank**	EPA 8260C	313110		
30264524017	**Field Blank 2**	EPA 8260C	313110		
30264524018	**Trip Blank**	EPA 8260C	313110		

Pace Analytical®
www.pacelabs.com

WO#: 30264524

30264524

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

08018-000099.00

30264524

Page: 1 of 2

2245786

Section A Required Client Information:

Company:	Bureau Veritas
Address:	Akron, OH office
Email To:	Tim McCann
Phone:	330-253-5600
Fax:	
Requested Due Date/TAT:	Normal

Section B

Report To:	
Copy To:	
Purchase Order No.:	
Project Name:	
Project Number:	08018-000099.00

Section C Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	Samantha Bayura
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER ______

Site Location STATE: PNY

Section D Required Client Information

Matrix Codes MATRIX / CODE: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Tissue TS, Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

TCL - Target Compound List

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test: TCL VOCs 8260	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-1	WT	G			9/6/18	815am		3									X		001
2	MW-2	"	"			9/5/18	322pm		"									X		002
3	MW-2D	"	"			9/5/18	336pm		"									X		003
4	MW-3	"	"			9/5/18	220pm		"									X		004
5	MW-4	"	"			9/5/18	1154am		"									X		005
6	MW-5	"	"			9/6/18	904am		"									X		006
7	MW-7	"	"			9/5/18	~~[illegible]~~ 110pm		"									X		007
8	MW-8	"	"			9/6/18	1022am		"									X		008
9	MW-9	"	"			9/6/18	955am		"									X		009
10	MW-10	"	"			9/6/18	1045am		"									X		010
11	MW-11	"	"			9/5/18	1249pm		"									X		011
12	MW-110	"	"			9/5/18	1222pm		"									X		012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	Tim McCann / BVNA	9/7/18	1200pm	[signature]	9-8-18	1100	4.9	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Timothy N. McCann

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 9/7/18

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

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www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

08018-0000099.00

30264524

Page: 2 of 2

2245787

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Burns Vesters	Report To:	Attention:
Address: Akron, OH	Copy To:	Company Name:
		Address:
Email To: Tim McLean	Purchase Order No.:	Pace Quote Reference:
Phone: 716-252-5100 Fax:	Project Name:	Pace Project Manager: Samantha Bayora
Requested Due Date/TAT: Normal	Project Number: 08018-0000099.00	Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER

☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: NY

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE)

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N: TCL VOC, SVOC	Residual Chlorine (Y/N)	TCL - Target Compound List — Pace Project No./ Lab I.D.
1	MW-12	WT	G			9/6/18	857 am		3									X		013
2	MW-13					9/5/18	251 pm											X		014
3	MW-14					9/5/18	154 pm											X		015
4	Field Blank					9/5/18	355 pm											X		016
5	Field Blank 2					9/6/18	1105 am											X		017
6	Trip Blank		2			9/6/18	--											X		018
7																				
8																				
9																				
10																				
11																				
12																				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Tim McLean / BVNA	9/7/18	1200		9-8-18	1100	4.9	4	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Timothy M McLean

SIGNATURE of SAMPLER: Tim McL

DATE Signed (MM/DD/YY): 9/7/18

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Pittsburgh Lab Sample Condition Upon Receipt

Face Analytical

Client Name: Bureau Veritas

Project # 30264524

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Label MS

LIMS Login SRM

Tracking #: 773161178271

Custody Seal on Cooler/Box Present: ☐ yes ☐ no Seals intact: ☐ yes ☐ no

Thermometer Used 10 Type of Ice: Wet Blue None

Cooler Temperature Observed Temp 4.8 °C Correction Factor: +0.1 °C Final Temp: 4.9 °C

Temp should be above freezing to 6°C

pH paper Lot# N/A | Date and Initials of person examining contents: MS 9-8-18

Comments:	Yes	No	N/A	
Chain of Custody Present:	✓			1.
Chain of Custody Filled Out:	✓			2.
Chain of Custody Relinquished:	✓			3.
Sampler Name & Signature on COC:	✓			4.
Sample Labels match COC:		✓		5. Sample 015 has a line at 150
-Includes date/time/ID Matrix: WT				
Samples Arrived within Hold Time:	✓			6.
Short Hold Time Analysis (<72hr remaining):		✓		7.
Rush Turn Around Time Requested:		✓		8.
Sufficient Volume:	✓			9.
Correct Containers Used:	✓			10.
-Pace Containers Used:	✓			
Containers Intact:	✓			11.
Orthophosphate field filtered			✓	12.
Hex Cr Aqueous Compliance/NPDES sample field filtered			✓	13.
Organic Samples checked for dechlorination:			✓	14.
Filtered volume received for Dissolved tests			✓	15.
All containers have been checked for preservation.			✓	16.
All containers needing preservation are found to be in compliance with EPA recommendation.				
exceptions: VOA, coliform, TOC, O&G, Phenolics				Initial when completed MS Date/time of preservation
				Lot # of added preservative
Headspace in VOA Vials (>6mm):		✓		17.
Trip Blank Present:	✓			18.
Trip Blank Custody Seals Present	✓			
Rad Aqueous Samples Screened > 0.5 mrem/hr			✓	Initial when completed: Date:

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____ Contacted By: _____

Comments/ Resolution: _____

☐ **A check in this box indicates that additional information has been stored in ereports.**

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

*PM review is documented electronically in LIMS. When the Project Manager closes the SRF Review schedule in LIMS. The review is in the Status section of the Workorder Edit Screen.