December 18, 2015

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BVNA Project No. 08015-000095.00.00
Transmitted via e-mail: david.szymanski@dec.ny.gov

Subject: **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 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
Director
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Northeast Ohio Regional Office

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. 08015-000095.00
DECEMBER 2015

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EXECUTIVE SUMMARY

A Site Management Plan (SMP) has been prepared for Lexington Machining LLC (LMLLC) for the LMLLC property located at 201 Winchester Road in Lakewood, New York, Site #907044(the Site). The SMP has been prepared to address low levels of volatile organic compounds (VOCs) remaining in soil and groundwater of the Site. The SMP is required by the New York State Department of Environmental Conservation (NYSDEC) draft Order on Consent and Administrative Settlement Index # B9-0792-08-10.

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 have also been identified in Groundwater

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 since remediation indicates a significant decrease in contaminant concentrations. 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.

Based upon the indications of the continued degradation of VOCs on the Site, the preferred approach for site management is monitored natural attenuation of VOCs in groundwater on an annual basis.

The 2015 annual site-wide inspection and groundwater indicate compliance with the conditions of the SMP and continued natural attenuation of groundwater contaminants. No changes to the SMP, site inspection and monitoring requirements are recommended.

1.0 BACKGROUND and SITE OVERVIEW

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 2015.

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).

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 were documented 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.

1.2 ENGINEERING AND INSTITUTIONAL CONTROL

Since remaining contaminated soil and groundwater exists beneath limited areas of the site, Engineering Controls and Institutional Controls (EC/ICs) are required to protect human health and the environment. EC/ICs are described fully in SMP section 2.0

1.2.1 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. Section 2.0 and subsequent sections of this report provide a summary of the 2015 annual groundwater monitoring, monitoring results, conclusions and recommendations.

1.2.2 INSTITUTIONAL CONTROLS

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

- 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 this SMP;
- 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 in the area noted on Figure 7, and any potential impacts that are identified at concentrations that may pose a hazard must be mitigated;
- Vegetable gardens and farming on the property 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.

A site-wide inspection of engineering and institutional controls was completed on October 28, 2015 by Representatives of Bureau Veritas North America. The completed Site-Wide Inspection Form is provided in Attachment A. Each of the engineering and institutional controls was in place and remained effective at the time of the inspection and no changes or revisions to the IC/EC plan are recommended or warranted. A completed Site Management Periodic Review Report, Institutional and Engineering Controls Certification Form is provided as Attachment B.

2.0 Annual Groundwater Monitoring

The 2015 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 A. It should be noted because of newly placed driveway gravel along the northern exterior of the building, monitoring well MW-12 was covered and could not be located at the time of the 2015 annual groundwater sampling event.

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: chloroform which was detected at a concentration of 13.3 parts per billion (ug/L) in equipment blank (EB-1) and at a concentration of 13.5 ug/L in the Trip Blank and bromodichlorormethane which was detected at concentrations of 2.2 ug/L and 2.3 ug/L in EB-1 and Trip Blank samples, respectively.

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 November 16, 2014 for the samples collected at the Lexington Machining site (Appendix B). 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. A detected concentration of cis-1,2-DCE, in groundwater sample MW-2, was not above the respective groundwater quality standard (GWQS).

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 17.6 ug/L and 1.3 ug/L in groundwater samples MW-9 and MW-11, respectively. The concentration of 17.6 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 (1.9 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 all nine concentrations exceeding the GWQS of 5 ug/L. The maximum concentration of 585 ug/L was detected in MW-3. 1,1-DCA was not detected above the laboratory detection limits in the remaining five groundwater samples.

1,1,-DCE was detected in nine of the fourteen groundwater samples with seven of the concentrations exceeding the GWQS of 5 ug/L. The maximum concentration of 328 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 four of the fourteen groundwater samples with all four concentrations exceeding the GWQS of 0.6 ug/L. The maximum concentration of 6.8 ug/L was detected in MW-9. The other reported concentrations of 1,2-DCA are listed in Table 2.

VC was detected in three of the fourteen groundwater samples with two of the concentrations exceeding the GWQS of 2 ug/L. The maximum concentration of 9 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 five groundwater samples, with each exceeding the GWQS of 5 ug/L. The maximum chloroethane concentration of 950 ug/L was detected in MW-2. The other reported concentrations of chloroethane are listed in Table 2.

1,2-Dichlorobenzene (ODCB) was detected in two groundwater samples with one sample exceeding the GWQS of 3 ug/L. The maximum ODCB concentration of 3.1 ug/L was detected in MW-3.

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 sampled 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 five monitoring wells exhibited a decrease in contaminant concentrations between samples collected in June 2014 and October 2015. The five monitoring wells include the following:

Monitoring Well ID	**Location on Site**
MW-1	North center outside the building
MW-7	Northeast of the building
MW-8	Inside the secondary machining area of the building
MW-10	Inside the compressor area of the building
MW-14	Northeast outside the building

In monitoring well MW-1, detected concentrations of chloroethane decreased from 11 ug/L to 1.2 ug/L, 1,1,1-TCA decreased from an estimate of 0.53 ug/L to below the laboratory detection limits; 1,1-DCE decreased from 26 ug/L to 16.1 ug/L; and 1,1-DCA increased slightly from 9 ug/L to 10.7 ug/L.

Monitoring well MW-7 exhibited decreased concentrations of 1,1-DCE from 35 ug/L to 10.7 ug/L, 1,1-DCA from 20 ug/L to 12.8 ug/L; chloroethane from 11 ug/L to 5.3 ug/L and; chloroethene remained relatively constant at 9.0 ug/L as compared to 9.2 ug/L.

In monitoring well MW-8, detected concentrations of 1,1-DCA decreased from 390 ug/L to 7.2 ug/L; 1,1-DCE decreased from 410 ug/L to 13.9 ug/L; and 1,1,1-TCA decreased from 7.5 ug/L to below the laboratory detection limits.

In monitoring well MW-10, detected concentrations of 1,1,2-TCA remained relatively constant with concentrations of 1.8ug/L and 1.9 ug/L; 1,1-DCE decreased from 8.2 ug/L to 4.1 ug/L. The concentration of 1,1-DCA exhibited a decrease from 44 ug/L to 40 ug/L in October 2015.

Monitoring well MW-14 exhibited a decrease in detected concentrations of chloroethane from 14 ug/L to below the laboratory detection limits, chloroethene from 3.1 ug/L to below the laboratory detection limits, 1,1-DCE from 42 ug/L to 1.8 ug/L and 1,1-DCA from 33 ug/L to 10.5 ug/L.

Monitoring wells MW-1, MW-7 and MW-14 are down-gradient of the impacted areas at the boundaries of historical impacted groundwater plume. Monitoring wells MW-8 is in the Die Cast Area, an area of initial impacts, and MW-10 is 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 four monitoring wells exhibited an overall increase in contaminant concentrations between June 2014 and October 2015.

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

In monitoring well MW-2, detected concentrations of 1,1-DCE increased from 2.5 ug/L to 9.6 ug/L; 1,1-DCA increased from 11 ug/L to 16.4 ug/L and; chloroethane from 100 ug/L to 950 ug/L. The concentration of 1,2-DCA exhibited an increase from an estimate of 0.55 ug/L to 1.7 ug/L concentration. 1,2-DCA; however, exhibits an historical decrease from a prior maximum concentration of 9.06 ug/L. The concentration of cis-1,2-DCE exhibited an increase from an estimate of 0.46 ug/L to 1.4 ug/L; however, exhibits an historical decrease from a prior maximum concentration of 3.2 ug/L. MW-2 is located down-gradient of impacted soil areas and continues to show a decrease in historical contaminant concentrations.

Concentrations of four compounds increased in MW-3 including: chloroethane increased from 16 ug/L in 2014 to 57 ug/L in 2015; however the concentration is less than historical concentrations of up to 72.8 ug/L. Concentrations of 1,1-DCE increased from 74 ug/L to 152 ug/L; 1,2-DCA increased from non-detectable concentrations in 2014 to 1.8 ug/L in 2015. Chloroethene increased from non-detectable concentrations to 2.5 ug/L. ODCB decreased from 10 ug/L to 3.1 ug/L in 2015, and 1,1-DCA decreased from 60 ug/L to 58.5 ug/L in 2015. MW-3 is located down-gradient of impacted soil areas and continues to show a decrease in historical contaminant concentrations.

In monitoring well MW-9, detected concentrations of 1,1-DCE increased from 36 ug/L to 328 ug/L; 1,1-DCA increased from 15 ug/L to 216 ug/L and; 1,2-DCA from an estimate of 0.27 ug/L to 6.8 ug/L. The concentration of 1,1,1-TCA exhibited an increase from an estimate of 0.21 ug/L in June 2014 to 17.6 ug/L in October 2015. Concentrations of 1,1-DCA, 1,2-DCA, 1,1-DCE and 1,1,1,-TCA; however, exhibit an historical decrease from prior concentrations. MW-9 is located in the Secondary Machinery and cross-gradient of impacted areas.

MW-13 exhibited an increase in one compound; 1,1-DCE from 8.2 ug/L to 12.5 ug/L. Concentrations of 1,2-DCA decreased from 2.9ug/L to 1.0 ug/L in 2015; 1,1-DCA from 69 ug/L to 10.6 ug/L; and chloroethane from 1200 ug/L in 2010 to 272 ug/L in 2015.

5.0 CONCLUSIONS

No non-compliance issues were observed or indicated for the SMP and requirements of the IC/EC have been met.

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 (ten of fourteen). One monitoring well, MW-3, exhibited a modest increase in concentrations of four contaminants with decreasing concentrations of four contaminants. Three monitoring wells exhibited increasing concentrations of contaminants including MW-2, MW-9 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 17.6 ug/L which exceeds the GWQS of 5.0 ug/L by a factor of 3.5. The predominance of secondary and tertiary breakdown products (e.g., 950 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 scope and schedule is recommended at the site, with the exception that MW-12 should be located to be included in future sampling events. If MW-12 is unable to be located it should be re-installed per applicable regulations and according to the SMP.

6.0 SIGNATURES

Prepared by: _____

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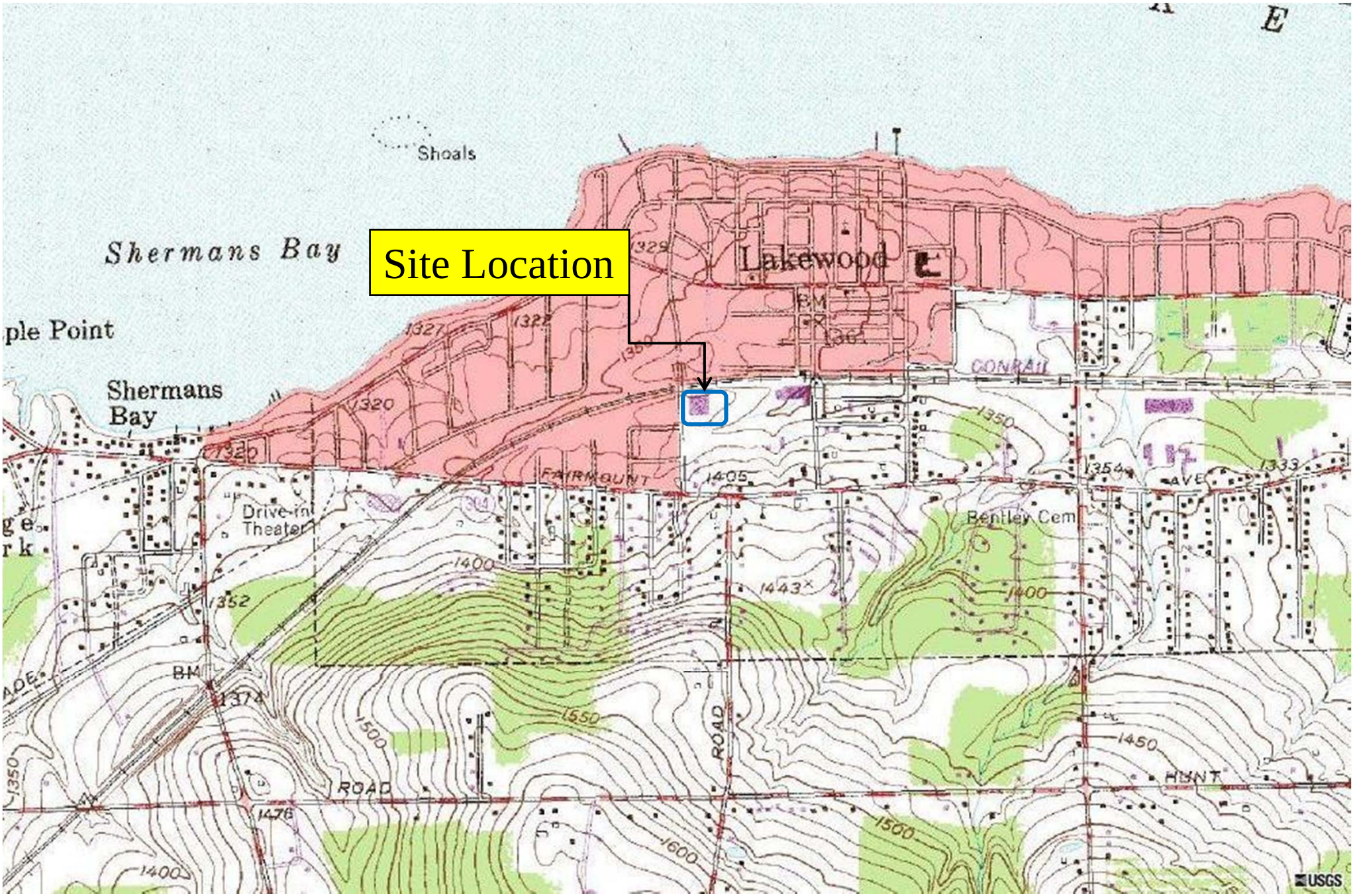
Senior Project Manager
Northeast Ohio Regional Office

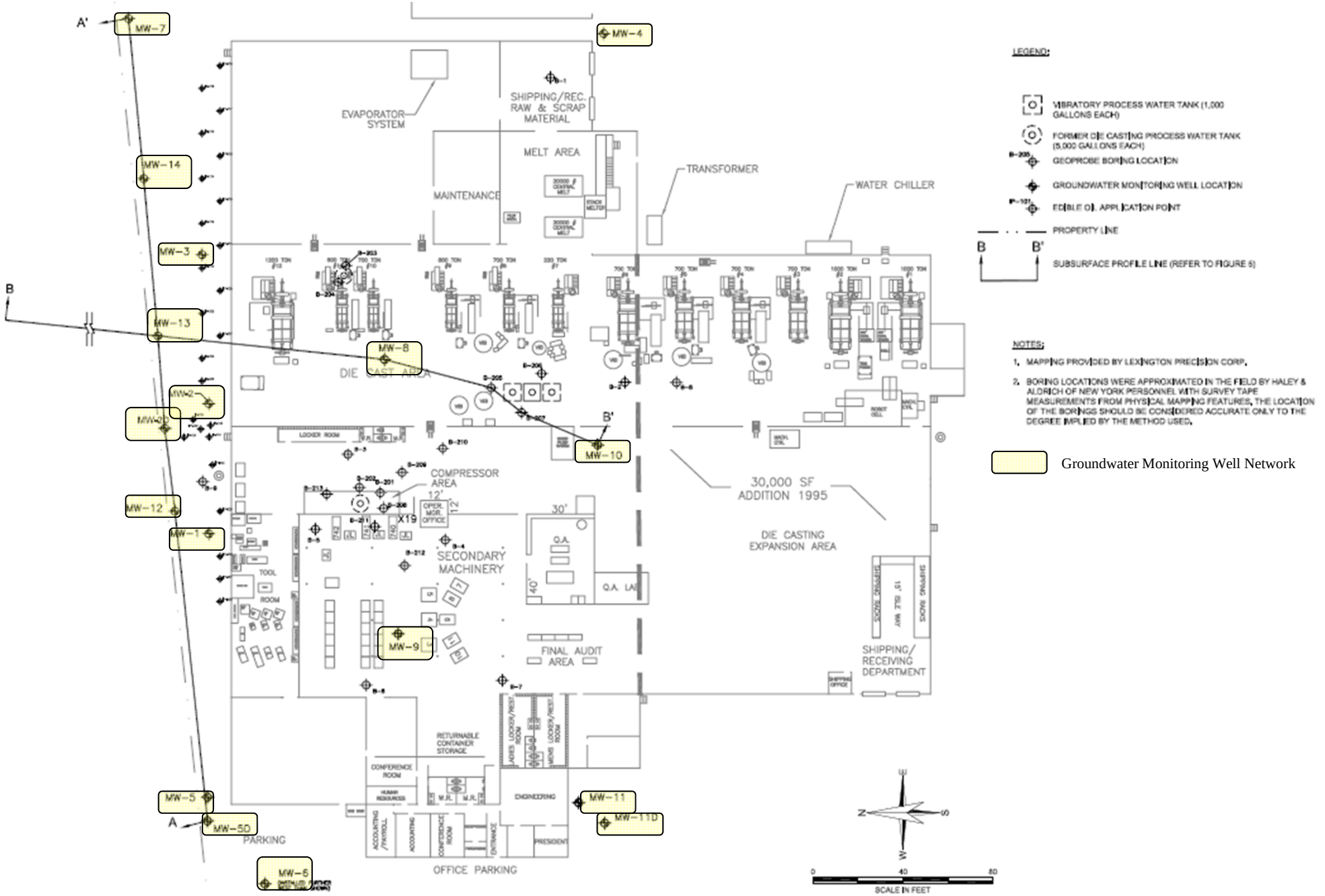
Reviewed by: _____

John A. Stangline, ARM, CPEA, CHMM
Director
Northeast Ohio Regional Office

Figures



Project Number: **08015-000095.00** Drawn By: JAS Date: 12-15-15 Reviewed By: WSM Date:12-15-15	Client: **Lexington Precision Corporation** **800 third Avenue, 15th Floor** **New York, New York 10022**	Location: **Premier Lakewood, Inc.** **201 Winchester Avenue** **Lakewood, New York 14750**	Title: **Site Location Map**	Figure: 1



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

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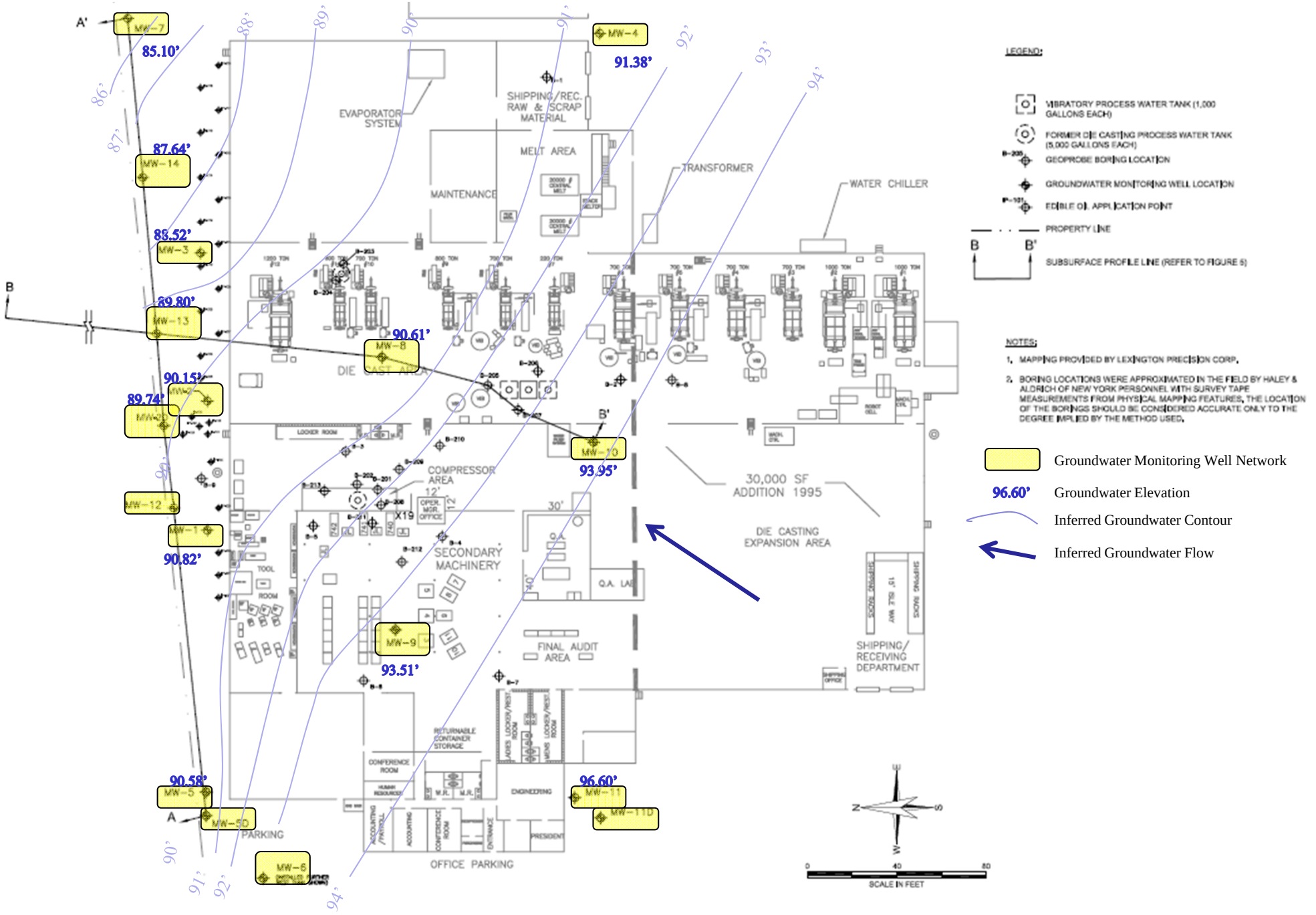

Figure Base Source: Summary of Environmental Investigations and Remedial Activities, Haley & Aldrich of New York, January 9, 2007

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Tables

Table 1
October 2015 Groundwater Elevation Measurements

Well ID	Date	Depth to Water (ft)	Ground Surface Elevation (ft) *	Groundwater Elevation (ft)
MW-1	10/28/2015	11	101.82	**90.82**
MW-2	10/28/2015	11.15	101.3	**90.15**
MW-2D	10/29/2015	11.1	100.84	**89.74**
MW-3	10/28/2015	12.5	101.02	**88.52**
MW-4	10/28/2015	9.7	101.08	**91.38**
MW-5	10/28/2015	12.23	102.81	**90.58**
MW-5D	NA	NA	102.75	**NA**
MW-6	NA	NA	103.42	**NA**
MW-7	10/28/2015	14.35	99.45	**85.1**
MW-8	10/28/2015	14.47	105.08	**90.61**
MW-9	10/28/2015	11.5	105.01	**93.51**
MW-10	10/28/2015	11.12	105.07	**93.95**
MW-11	10/28/2015	7.9	104.5	**96.6**
MW-11D	10/28/2015	9	104.23	**95.23**
MW-12	NA	NA	100.8	**NA**
MW-13	10/28/2015	11	100.8	**89.8**
MW-14	10/28/2015	12.86	100.5	**87.64**

* Ground Surface Elevations derived from the January 9, 2007 Summary of Environmer

Lexington Precision Corporation
Premier Lakewood, Inc. Site
Table 2
Groundwater Contamination Summary

Bureau Veritas North America, Inc.
Project No. 08015-000095.00

	Client ID:	NYSDEC	MW-1			MW-2			MW-2D			MW-3			MW-4			MW-5			MW-7		
	Sample Depth:	GW Quality																					
	Lab ID:	Standards	30163621001			30163621002			30163621003			30163621004			30163621005			30163621006			30163621007		
	Date Sampled:		11/09/2015			11/09/2015			11/09/2015			11/09/2015			11/09/2015			11/09/2015			11/09/2015		
	Matrix:	(ppb)	Aqueous			Aqueous			Aqueous			Aqueous			Aqueous			Aqueous			Aqueous		
Volatiles (ppb)			Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
Vinyl chloride		2	ND		0.410	ND		4.10	ND		0.410	**2.50**		0.410	ND		0.410	ND		0.410	**9.00**		0.410
Chloroethane		5	1.20	J	0.620	**950**		6.20	ND		0.620	**57.0**		0.620	ND		0.620	ND		0.620	**5.30**		0.620
1,1-Dichloroethene		5	**16.1**		0.450	**9.6**		4.50	ND		0.450	**152**		0.450	ND		0.450	ND		0.450	**10.7**		0.450
Acetone		50	ND		0.640	ND		6.40	ND		0.640	ND		0.640	ND		0.640	ND		0.640	ND		0.640
1,1-Dichloroethane		5	**10.7**		0.390	**16.4**		3.90	ND		0.390	**58.5**		0.390	ND		0.390	ND		0.390	**12.8**		0.390
cis-1,2-Dichloroethene		5	ND		0.420	1.40		4.20	ND		0.420	ND		0.420	ND		0.420	ND		0.420	ND		0.420
2-Butanone (MEK)		50	ND		0.210	ND		2.10	ND		0.210	ND		0.210	ND		0.210	ND		0.210	ND		0.210
1,1,1-Trichloroethane		5	ND		0.400	ND		4.00	ND		0.400	ND		0.400	ND		0.400	ND		0.400	ND		0.400
1,2-Dichloroethane (EDC)		0.6	ND		0.330	**1.7**		3.30	ND		0.330	**1.80**		0.330	ND		0.330	ND		0.330	ND		0.330
Benzene		1	ND		0.370	ND		3.70	ND		0.370	ND		0.370	ND		0.370	ND		0.370	ND		0.370
Toluene		5	ND		0.280	ND		2.80	ND		0.280	ND		0.280	ND		0.280	ND		0.280	ND		0.280
1,1,2-Trichloroethane		1	ND		0.400	ND		4.00	ND		0.400	ND		0.400	ND		0.400	ND		0.400	ND		0.400
1,2-Dichlorobenzene		3	ND		0.340	ND		3.40	ND		0.340	**3.1**		0.340	ND		0.340	ND		0.340	ND		0.340
TOTAL VO's:		NA	28.0	J		979.1			ND			274.9			ND			ND			37.8		

(IS) = Interim Specific Criteria based on the methodologies and risk assessment approach contained in the GWQS.
(ISM) = An Interim Specific Criteria (see above), but expressly indicated to ensure consistency with Safe Drinking Water Act Maximum Contaminant Level(MCL); may differ from specific criteria in the GWQS.
(IGC) = Interim Generic Criteria for synthetic organic chemicals (SOC) with evidence of carcinogenicity; 5 ppb
(IGNC) = Interim Generic Criteria for SOCs lacking evidence of carcinogenicity; 100 ppb
(NA) = No Standards Available
ND = Analyzed for but Not Detected at the MDL
J = The concentration was detected at a value below the RL and above the MDL
All qualifiers on individual Volatiles & Semivolatiles are carried down through summation.

Lexington Precision Corporation
Premier Lakewood, Inc. Site
Table 2
Groundwater Contamination Summary

Bureau Veritas North America, Inc.
Project No. 08015-000095.00

Client ID:	NYSDEC	MW-8			MW-9			MW-10			MW-11			MW-11D			MW-12			MW-13		
Sample Depth:	GW Quality																					
Lab ID:	Standards	30163621008			30163621009			30163621010			30163621011			30163621012			-			30163621013		
Date Sampled:		11/09/2015			11/09/2015			11/09/2015			11/09/2015			11/09/2015			-			11/09/2015		
Matrix:	(ppb)	Aqueous			Aqueous			Aqueous			Aqueous			Aqueous			Aqueous			Aqueous		
Volatiles (ppb)		Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
Vinyl chloride	2	ND		0.410	ND		4.10	ND		0.410	ND		0.410	ND		0.410	ıable to Samp		4.10	ND		0.410
Chloroethane	5	ND		0.620	ND		6.20	ND		0.620	ND		0.620	ND		0.620			6.20	**272**		0.620
1,1-Dichloroethene	5	**13.9**		0.450	**328**		4.50	**4.10**		0.450	ND		0.450	ND		0.450			4.50	**12.5**		0.450
Acetone	50	ND		0.640	ND		6.40	ND		0.640	ND		0.640	ND		0.640			6.40	ND		0.640
1,1-Dichloroethane	5	**7.10**		0.390	**216**		3.90	**40.0**		0.390	ND		0.390	ND		0.390			3.90	**10.6**		0.390
cis-1,2-Dichloroethene	5	ND		0.420	ND		4.20	ND		0.420	ND		0.420	ND		0.420			4.20	ND		0.420
2-Butanone (MEK)	50	ND		0.210	ND		2.10	ND		0.210	ND		0.210	ND		0.210			2.10	ND		0.210
1,1,1-Trichloroethane	5	ND		0.400	**17.6**		4.00	ND		0.400	1.30	J	0.400	ND		0.400			4.00	ND		0.400
1,2-Dichloroethane (EDC)	0.6	ND		0.330	**6.80**		3.30	ND		0.330	ND		0.330	ND		0.330			3.30	**1.00**		0.330
Benzene	1	ND		0.370	ND		3.70	ND		0.370	ND		0.370	ND		0.370			3.70	ND		0.370
Toluene	5	ND		0.280	ND		2.80	ND		0.280	ND		0.280	ND		0.280			2.80	ND		0.280
1,1,2-Trichloroethane	1	ND		0.400	ND		4.00	**1.90**		0.400	ND		0.400	ND		0.400			4.00	ND		0.400
1,2-Dichlorobenzene	3	ND		0.340	ND		3.40	ND		0.340	ND		0.340	ND		0.340			3.40	ND		0.340
TOTAL VO's:	NA	21.0			568.4			10.0			1.30	J		ND						296.1		

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Act Maximum Contaminant Level(MCL); may differ from specific criteria in the G\
(IGC) = Interim Generic Criteria for synthetic organic chemicals (SOC) with evide
(IGNC) = Interim Generic Criteria for SOCs lacking evidence of carcinogenicity; 1
(NA) = No Standards Available
ND = Analyzed for but Not Detected at the MDL
J = The concentration was detected at a value below the RL and above the MDL
All qualifiers on individual Volatiles & Semivolatiles are carried down through sum

Lexington Precision Corporation
Premier Lakewood, Inc. Site
Table 2
Groundwater Contamination Summary

Client ID:	NYSDEC	MW-14			EB-1			EB-2			FIELD BLANK 6/2			FIELD BLANK 6/3			TRIP BLANK		
Sample Depth:	GW Quality																		
Lab ID:	Standards	30163621014			30163621015			30163621016			-			-			30163621017		
Date Sampled:		11/09/2015			11/09/2015			11/09/2015			06/02/2010			06/03/2010			06/02/2010		
Matrix:	(ppb)	Aqueous			Aqueous			Aqueous			Aqueous			Aqueous			Aqueous		
Volatiles (ppb)		Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
Vinyl chloride	2	1.80		0.410	ND		0.410	ND		0.410	ND		0.410	ND		0.410	ND		0.410
Chloroethane	5	ND		0.620	ND		0.620	ND		0.620	ND		0.620	ND		0.620	ND		0.620
1,1-Dichloroethene	5	1.80	J	0.450	ND		0.450	ND		0.450	ND		0.450	ND		0.450	ND		0.450
Acetone	50	ND		0.640	ND		0.640	ND		0.640	ND		0.640	ND		0.640	ND		0.640
1,1-Dichloroethane	5	**10.5**		0.390	ND		0.390	ND		0.390	ND		0.390	ND		0.390	ND		0.390
cis-1,2-Dichloroethene	5	ND		0.420	ND		0.420	ND		0.420	ND		0.420	ND		0.420	ND		0.420
2-Butanone (MEK)	50	ND		0.210	ND		0.210	ND		0.210	ND		0.210	ND		0.210	ND		0.210
1,1,1-Trichloroethane	5	ND		0.400	ND		0.400	ND		0.400	ND		0.400	ND		0.400	ND		0.400
1,2-Dichloroethane (EDC)	0.6	ND		0.330	ND		0.330	ND		0.330	ND		0.330	ND		0.330	ND		0.330
Benzene	1	ND		0.370	ND		0.370	ND		0.370	ND		0.370	ND		0.370	ND		0.370
Toluene	5	ND		0.280	ND		0.280	ND		0.280	ND		0.280	ND		0.280	ND		0.280
1,1,2-Trichloroethane	1	ND		0.400	ND		0.400	ND		0.400	ND		0.400	ND		0.400	ND		0.400
1,2-Dichlorobenzene	3	1.6	J	0.340	ND		0.340	ND		0.340	ND		0.340	ND		0.340	ND		0.340
TOTAL VO's:	NA	13.9	J		ND			ND			ND			ND			ND		

(IS) = Interim Specific Criteria based on the methodologies and risk assessment
(ISM) = An Interim Specific Criteria (see above), but expressly indicated to ensur
Act Maximum Contaminant Level(MCL); may differ from specific criteria in the GV
(IGC) = Interim Generic Criteria for synthetic organic chemicals (SOC) with evide
(IGNC) = Interim Generic Criteria for SOCs lacking evidence of carcinogenicity; 1
(NA) = No Standards Available
ND = Analyzed for but Not Detected at the MDL
J = The concentration was detected at a value below the RL and above the MDL
All qualifiers on individual Volatiles & Semivolatiles are carried down through sum

Table 1A
Groundwater Data Summary

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	-	-	-	-	-	BDL
	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
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	
	11/9/2015	**950**	BDL	**16.4**	1.7	**9.6**	1.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	979.1
MW-2D	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	-	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	
	11/9/2015	**57**	**2.5**	**58.5**	1.8	**152**	BDL	BDL	BDL	BDL	BDL	BDL	**3.1**	BDL	272.4
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
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
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
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
MW-9	8/1/2005	BDL	BDL	**108**	**4.35**	**294**	BDL	**19**	BDL	BDL	BDL	-	-	-	425.4

Table 1A
Groundwater Data Summary

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)
	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
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
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
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
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	
	11/9/2015	**Unable to Locate Well**													
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
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
EB-1	11/9/2015	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0
EB-2	11/9/2015	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: October 2015

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: 10/28/15 13:00 conducted by: Tim McCann
Weather: Rainy, Windy, 50s
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_____

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

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: June 18, 2013 to September 18, 2015

	YES	NO
1. Is the information above correct?	☒	☐
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?	☐	☒
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☒
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☒
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?	☐	☒

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Industrial	☒	☐
7. Are all ICs/ECs in place and functioning as designed?	☒	☐

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 Management Plan;
- The use of the groundwater underlying the property is prohibited without treatment rendering it safe for intended use;
- The potential for vapor intrusion must be evaluated for any buildings developed on the Site, and any potential impacts that are identified at concentrations that may pose a hazard must be mitigated;
- Vegetable gardens and farming on the site are prohibited;
- The site owner or remedial party will submit to NYSDEC a written statement that certifies, under penalty of perjury, that: (1) controls employed at the Controlled Property are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and, (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP. NYSDEC retains the right to access such Controlled Property at any time in order to evaluate the continued maintenance of any and all controls. This certification shall be submitted annually, or an alternate period of time that NYSDEC may allow and will be made by an expert that the NYSDEC finds acceptable.

385.06-3-59	Lexington Machining LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Building Use Restriction Monitoring Plan Site Management Plan IC/EC Plan

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

385.06-3-60	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 Management Plan;
- The use of the groundwater underlying the property is prohibited without treatment rendering it safe for intended use;
- The potential for vapor intrusion must be evaluated for any buildings developed on the Site, and any potential impacts that are identified at concentrations that may pose a hazard must be mitigated;
- Vegetable gardens and farming on the site are prohibited;
- The site owner or remedial party will submit to NYSDEC a written statement that certifies, under penalty of perjury, that: (1) controls employed at the Controlled Property are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and, (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP. NYSDEC retains the right to access such Controlled Property at any time in order to evaluate the continued maintenance of any and all controls. This certification shall be submitted annually, or an alternate period of time that NYSDEC may allow and will be made by an expert that the NYSDEC finds acceptable.

Description of Engineering Controls **Box 4**

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.

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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.

Parcel	Engineering Control
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
☒	☐

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
☒	☐

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 Michael A. Lubin (print name) at 677 Buffalo Rd Rochester, NY 14611 (print business address)

am certifying as Chairman of Lexington Machining LLC (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

12/16/15
Date

IC/EC CERTIFICATIONS

Box 7

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, CHMM (print name) at 110 Fieldcrest Avenue, Edison, NJ 08837 (print business address),

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

Signature of for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

12-16-2015
Date

Appendix C

GROUNDWATER SAMPLING LOGS

GROUNDWATER MONITORING WELL SAMPLING LOG
WELL NO. MW-1
PROJECT: 08015-000095.00
LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY
SAMPLING DATE: 10/29/2015 SAMPLED BY: TIM MCCANN
SAMPLING METHOD: PERISTALTIC PUMP WEATHER: SUNNY WITH WIND
SAMPLING TIME: 11:45 AMBIENT TEMP: 50°F

WATER ELEVATION DATA:
METHOD OF MEASUREMENT: DEPTH SOUNDER:
WATER LEVEL GAUGE: X
DEPTH TO WATER (FT): 10.95
PURGE METHOD: PERISTALTIC PUMP / LOW FLOW
DEPTH OF PUMP BELOW TOP OF CASING (FT):
WAS WELL PUMPED DRY? YES X NO
TOTAL GALLONS PURGED: 0.7

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
11:27	**11.3**	**12.8**	**0.331**	**13.28**	**0.00**	**7.00**	**-48**
11:29	**11.37**	**12.8**	**0.330**	**13.33**	**0.00**	**6.91**	**-41**
11:31	**11.44**	**8.1**	**0.319**	**13.47**	**0.00**	**6.87**	**-29**
11:33	**11.49**	**4.1**	**0.319**	**13.57**	**0.00**	**6.86**	**-23**
11:35	**11.54**	**4.0**	**0.349**	**13.67**	**0.00**	**6.86**	**-60**
11:37	**11.58**	**4.1**	**0.350**	**13.74**	**0.00**	**6.94**	**-70**
11:39	**11.62**	**4.2**	**0.349**	**13.84**	**0.00**	**6.97**	**-70**

Comments: CLEAR, NO ODOR, NO SHEEN

GROUNDWATER MONITORING WELL SAMPLING LOG
WELL NO. MW-13
PROJECT: 08015-000095.00
LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY
SAMPLING DATE: 10/29/2015 SAMPLED BY: TIM MCCANN
SAMPLING METHOD: PERISTALTIC PUMP WEATHER: SUNNY WITH WIND
SAMPLING TIME: 11:10 AMBIENT TEMP: 50 °F

WATER ELEVATION DATA:
METHOD OF MEASUREMENT: DEPTH SOUNDER:
WATER LEVEL GAUGE: X
DEPTH TO WATER (FT): 11.05
PURGE METHOD: PERISTALTIC PUMP
DEPTH OF PUMP BELOW TOP OF CASING (FT):
WAS WELL PUMPED DRY? YES X NO
TOTAL GALLONS PURGED: 0.6

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
11:00	**11.41**	**3.3**	**0.492**	**12.54**	**0.00**	**6.78**	**-23**
11:02	**11.51**	**1.5**	**0.496**	**12.65**	**0.00**	**6.78**	**-24**
11:04	**11.58**	**1.4**	**0.495**	**12.76**	**0.00**	**6.74**	**-25**
11:06	**11.65**	**1.5**	**0.492**	**12.90**	**0.00**	**6.73**	**-24**

Comments: CLEAR, NO ODOR, NO SHEEN

GROUNDWATER MONITORING WELL SAMPLING LOG
WELL NO. MW-11D
PROJECT: 08015-000095.00
LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY
SAMPLING DATE: 10/29/2015 SAMPLED BY: TIM MCCANN
SAMPLING METHOD: PERISTALTIC PUMP WEATHER: SUNNY WITH WIND
SAMPLING TIME: 12:15 AMBIENT TEMP: 50 °F

WATER ELEVATION DATA:
METHOD OF MEASUREMENT: DEPTH SOUNDER:
WATER LEVEL GAUGE: X
DEPTH TO WATER (FT): 9.0
PURGE METHOD: PERISTALTIC PUMP
DEPTH OF PUMP BELOW TOP OF CASING (FT):
WAS WELL PUMPED DRY? YES X NO
TOTAL GALLONS PURGED: 1.0

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
12:00	--	**268**	**1.63**	**12.51**	**0.00**	**11.98**	**-149**
12:02	--	**186**	**1.62**	**12.74**	**0.00**	**11.97**	**-173**
12:04	--	**147**	**1.61**	**12.95**	**0.00**	**11.96**	**-188**
12:06	--	**108**	**1.59**	**13.09**	**0.00**	**11.95**	**-197**
12:08	--	**85**	**1.57**	**13.22**	**0.00**	**11.94**	**-203**
12:10	--	**84**	**1.56**	**13.31**	**0.00**	**11.94**	**-208**
12:12	--	**80**	**1.55**	**13.37**	**0.00**	**11.94**	**-210**

Comments: RUST COLOR, NO ODOR, NO SHEEN. Depth to water was not measured during due to use of meter as tool to keep purge tubing down well.

GROUNDWATER MONITORING WELL SAMPLING LOG
WELL NO. MW-2D
PROJECT: 08015-000095.00
LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY
SAMPLING DATE: 10/29/2015 SAMPLED BY: TIM MCCANN
SAMPLING METHOD: PERISTALTIC PUMP WEATHER: SUNNY WITH WIND
SAMPLING TIME: 10:45 AMBIENT TEMP: 50 °F

WATER ELEVATION DATA:
METHOD OF MEASUREMENT: DEPTH SOUNDER:
WATER LEVEL GAUGE: X
DEPTH TO WATER (FT): 11.10
PURGE METHOD: PERISTALTIC PUMP
DEPTH OF PUMP BELOW TOP OF CASING (FT):
WAS WELL PUMPED DRY? YES X NO
TOTAL GALLONS PURGED: 1.0

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
10:32	--	**281**	**0.520**	**11.96**	**2.59**	**7.85**	**-146**
10:35	--	**198**	**0.532**	**12.06**	**0.82**	**7.90**	**-157**
10:38	--	**166**	**0.530**	**12.30**	**0.11**	**7.93**	**-162**
10:39	--	**156**	**0.529**	**12.41**	**0.00**	**7.95**	**-165**
10:41	--	**145**	**0.529**	**12.46**	**0.00**	**7.95**	**-166**
10:43	--	**140**	**0.527**	**12.63**	**0.00**	**7.97**	**-170**

Comments: LIGHT BROWN TO CLEAR, NO ODOR, NO SHEEN, RUST PARTICLES IN SAMPLE. Depth to water was not measured during due to use of meter as tool to keep purge tubing down well.

GROUNDWATER MONITORING WELL SAMPLING LOG
WELL NO. MW-2
PROJECT: 08015-000095.00
LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY
SAMPLING DATE: 10/29/2015 SAMPLED BY: TIM MCCANN
SAMPLING METHOD: PERISTALTIC PUMP WEATHER: SUNNY WITH WIND
SAMPLING TIME: 10:05 AMBIENT TEMP: 50 °F

WATER ELEVATION DATA:
METHOD OF MEASUREMENT: DEPTH SOUNDER:
WATER LEVEL GAUGE: X
DEPTH TO WATER (FT): 11.20
PURGE METHOD: PERISTALTIC PUMP
DEPTH OF PUMP BELOW TOP OF CASING (FT):
WAS WELL PUMPED DRY? YES X NO
TOTAL GALLONS PURGED: 1.0

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
9:52	**11.41**	**234**	**0.371**	**13.16**	**7.12**	**6.94**	**-55**
9:55	**11.42**	**57.4**	**0.371**	**13.12**	**6.53**	**6.95**	**-57**
9:58	**11.42**	**25.0**	**0.369**	**13.13**	**6.14**	**6.96**	**-59**
10:01	**11.42**	**10.2**	**0.371**	**13.19**	**5.51**	**6.98**	**-61**
10:02	**11.43**	**9.7**	**0.371**	**13.22**	**5.28**	**6.98**	**-62**
10:03	**11.45**	**9.6**	**0.371**	**13.22**	**5.31**	**6.98**	**-62**

Comments: WHITE / CLOUDY, SULFUR ODOR

GROUNDWATER MONITORING WELL SAMPLING LOG
WELL NO. MW-3
PROJECT: 08015-000095.00
LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY
SAMPLING DATE: 10/29/2015 SAMPLED BY: TIM MCCANN
SAMPLING METHOD: PERISTALTIC PUMP WEATHER: SUNNY WITH WIND
SAMPLING TIME: 9:30 AMBIENT TEMP: 50 °F

WATER ELEVATION DATA:
METHOD OF MEASUREMENT: DEPTH SOUNDER:
WATER LEVEL GAUGE: X
DEPTH TO WATER (FT): 11.7
PURGE METHOD: PERISTALTIC PUMP
DEPTH OF PUMP BELOW TOP OF CASING (FT):
WAS WELL PUMPED DRY? YES X NO
TOTAL GALLONS PURGED: 1.5

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
9:22	**13.5**	**7.2**	**0.463**	**13.2**	**0.00**	**6.69**	**-47**
9:24	**13.6**	**11.3**	**0.487**	**13.19**	**0.00**	**6.69**	**-50**
9:26	**13.7**	**10.0**	**0.499**	**13.19**	**0.00**	**6.70**	**-52**
9:27	**13.77**	**10.0**	**0.500**	**13.19**	**0.00**	**6.71**	**-56**
9:28	**13.83**	**10.2**	**0.503**	**13.19**	**0.00**	**6.71**	**-56**

Comments: NO ODOR, NO SHEEN

GROUNDWATER MONITORING WELL SAMPLING LOG
WELL NO. MW-14
PROJECT: 08015-000095.00
LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY
SAMPLING DATE: 10/29/2015 SAMPLED BY: TIM MCCANN
SAMPLING METHOD: PERISTALTIC PUMP WEATHER: SUNNY WITH WIND
SAMPLING TIME: 9:00 AMBIENT TEMP: 50 °F

WATER ELEVATION DATA:
METHOD OF MEASUREMENT: DEPTH SOUNDER:
WATER LEVEL GAUGE:
DEPTH TO WATER (FT): 13.35
PURGE METHOD: PERISTALTIC PUMP
DEPTH OF PUMP BELOW TOP OF CASING (FT):
WAS WELL PUMPED DRY? YES NO
TOTAL GALLONS PURGED:

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
8:44	**13.2**	**2.3**	**0.615**	**13.22**	**0.00**	**6.97**	**-54**
8:46	**13.27**	**2.1**	**0.611**	**13.13**	**0.00**	**7.01**	**-54**
8:48	**13.45**	**3.9**	**0.540**	**13.10**	**0.00**	**7.00**	**-46**
8:50	**14.05**	**5.6**	**0.1336**	**13.14**	**0.00**	**6.88**	**-9**
8:52	**14.15**	**5.5**	**0.302**	**13.19**	**0.00**	**6.82**	**17**
8:54	**14.22**	**5.3**	**0.300**	**13.19**	**0.00**	**6.81**	**19**
8:56	**14.30**	**5.1**	**0.301**	**13.19**	**0.00**	**6.80**	**18**

Comments:

GROUNDWATER MONITORING WELL SAMPLING LOG
WELL NO. MW-7
PROJECT: 08015-000095.00
LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY
SAMPLING DATE: 10/29/2015 SAMPLED BY: TIM MCCANN
SAMPLING METHOD: PERISTALTIC PUMP WEATHER: CLOUDY WITH WIND
SAMPLING TIME: 8:35 AMBIENT TEMP: 47°F

WATER ELEVATION DATA:
METHOD OF MEASUREMENT: DEPTH SOUNDER:
WATER LEVEL GAUGE: X
DEPTH TO WATER (FT): 14.2
PURGE METHOD: PERISTALTIC PUMP
DEPTH OF PUMP BELOW TOP OF CASING (FT):
WAS WELL PUMPED DRY? YES X NO
TOTAL GALLONS PURGED: 2.0

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
8:08	**14.2**	**636**	**0.812**	**14.74**	**0.53**	**10.45**	**-82**
8:11	**14.32**	**156**	**0.763**	**14.70**	**0.11**	**10.16**	**-60**
8:14	**14.32**	**69**	**0.791**	**14.62**	**0.00**	**9.74**	**-48**
8:17	**14.35**	**20**	**0.736**	**14.53**	**0.00**	**9344**	**-43**
8:20	**14.35**	**6.5**	**0.739**	**14.46**	**0.00**	**9.20**	**-40**
8:23	**14.35**	**4.4**	**0.733**	**14.38**	**0.00**	**9.02**	**-38**
8:26	**14.35**	**4.7**	**0.734**	**14.24**	**0.00**	**8.83**	**-36**
8:28	**14.35**	**4.6**	**0.733**	**14.21**	**0.00**	**8.79**	**-35**
8:30	**14.35**	**4.3**	**0.734**	**14.21**	**0.00**	**8.78**	**-34**

Comments:

GROUNDWATER MONITORING WELL SAMPLING LOG
WELL NO. MW-10
PROJECT: 08015-000095.00
LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY
SAMPLING DATE: 10/28/2015 SAMPLED BY: TIM MCCANN
SAMPLING METHOD: PERISTALTIC PUMP WEATHER: RAINY WITH WIND
SAMPLING TIME: 13:05 AMBIENT TEMP: 60 °F

WATER ELEVATION DATA:
METHOD OF MEASUREMENT: DEPTH SOUNDER:
WATER LEVEL GAUGE: X
DEPTH TO WATER (FT): 11.2
PURGE METHOD: PERISTALTIC PUMP
DEPTH OF PUMP BELOW TOP OF CASING (FT):
WAS WELL PUMPED DRY? X YES NO
TOTAL GALLONS PURGED: 0.5

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
12:56	**11.9**	**7.6**	**0.915**	**18.66**	**0.13**	**7.10**	**-6**
12:58	**11.9**	**4.6**	**0.916**	**18.70**	**0.02**	**7.11**	**-7**
12:59	**11.9**	**6.0**	**0.909**	**18.79**	**0.01**	**7.14**	**-13**

Comments: WELL IN GOOD CONDITION

GROUNDWATER MONITORING WELL SAMPLING LOG
WELL NO. MW-8
PROJECT: 08015-000095.00
LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY
SAMPLING DATE: 10/28/2015 SAMPLED BY: TIM MCCANN
SAMPLING METHOD: PERISTALTIC PUMP WEATHER: RAINY WITH WIND
SAMPLING TIME: 12:42 AMBIENT TEMP: 60 °F

WATER ELEVATION DATA:
METHOD OF MEASUREMENT: DEPTH SOUNDER:
WATER LEVEL GAUGE: X
DEPTH TO WATER (FT): 14.45
PURGE METHOD: PERISTALTIC PUMP
DEPTH OF PUMP BELOW TOP OF CASING (FT):
WAS WELL PUMPED DRY? X YES NO
TOTAL GALLONS PURGED: 1.5

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
12:28	**15.7**	**30.1**	**0.603**	**18.78**	**0.61**	**7.30**	**101**
12:29	**15.9**	**18.4**	**0.600**	**18.78**	**0.65**	**7.31**	**104**
12:30	**17.05**	**18.7**	**0.597**	**18.78**	**0.47**	**7.32**	**107**
12:32	**17.3**	**9.3**	**0.592**	**18.78**	**0.52**	**7.32**	**108**
12:34	**17.55**	**14.5**	**0.587**	**18.78**	**0.61**	**7.35**	**107**

Comments: PURGED DRY AT APPROXIMATELY 1.5 GALLONS, WELL IN GOOD CONDITION

GROUNDWATER MONITORING WELL SAMPLING LOG
WELL NO. MW-9
PROJECT: 08015-000095.00
LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY
SAMPLING DATE: 10/28/2015 SAMPLED BY: TIM MCCANN
SAMPLING METHOD: PERISTALTIC PUMP WEATHER: RAINY WITH CLOUDS
SAMPLING TIME: 11:45 AMBIENT TEMP: 60 °F

WATER ELEVATION DATA:
METHOD OF MEASUREMENT: DEPTH SOUNDER:
WATER LEVEL GAUGE: X
DEPTH TO WATER (FT): 11.5
PURGE METHOD: PERISTALTIC PUMP
DEPTH OF PUMP BELOW TOP OF CASING (FT):
WAS WELL PUMPED DRY? YES X NO
TOTAL GALLONS PURGED: 1.5 (FLOW- 0.25 L/MIN)

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
11:34	**12.8**	**9.8**	**0.817**	**18.76**	**0.19**	**6.82**	**96**
11:36	**13.0**	**8.1**	**0.808**	**18.76**	**0.19**	**6.79**	**103**
11:38	**13.17**	**7.1**	**0.807**	**18.84**	**0.21**	**6.75**	**114**
11:39	**13.3**	**5.6**	**0.815**	**18.81**	**0.40**	**6.76**	**122**
11:40	**13.5**	**5.7**	**0.824**	**18.82**	**0.55**	**6.75**	**124**
11:42	**13.75**	**5.3**	**0.831**	**18.82**	**0.52**	**6.74**	**122**

Comments: WELL IN GOOD CONDITION

GROUNDWATER MONITORING WELL SAMPLING LOG
WELL NO. MW-11
PROJECT: 08015-000095.00
LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY
SAMPLING DATE: 10/28/2015 SAMPLED BY: TIM MCCANN
SAMPLING METHOD: PERISTALTIC PUMP WEATHER: RAIN WITH WIND
SAMPLING TIME: 16:30 AMBIENT TEMP: 50 °F

WATER ELEVATION DATA:
METHOD OF MEASUREMENT: DEPTH SOUNDER:
WATER LEVEL GAUGE: X
DEPTH TO WATER (FT): 9.32
PURGE METHOD: PERISTALTIC PUMP
DEPTH OF PUMP BELOW TOP OF CASING (FT):
WAS WELL PUMPED DRY? YES X NO
TOTAL GALLONS PURGED: 3.5

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
15:42	9.32	988	0.462	17.95	1.87	7.39	166
15:43	9.40	573	0.461	17.97	1.72	7.40	164
15:46	9.60	146	0.462	18.00	1.41	7.43	160
15:47	9.70	121	0.463	18.02	1.24	7.46	157
15:49	9.85	75.7	0.464	18.03	1.11	7.48	156
15:50	9.90	65.2	0.465	18.02	0.99	7.50	154
15:54	10.15	65.1	0.464	18.04	0.83	7.54	151
15:57	10.50	22.6	0.465	18.04	0.75	7.57	149
16:02	11.50	77.1	0.513	18.05	0.60	7.50	165
16:07	11.7	210	0.512	18.03	0.25	7.50	168
16:12	12.0	214	0.512	18.03	0.06	7.80	170
16:17	12.8	25.4	0.502	17.93	0.00	7.31	175
16:22	13.05	24.4	0.500	17.93	0.00	7.31	165
16:27	13.05	23.0	0.501	17.93	0.00	7.33	167

Comments:

GROUNDWATER MONITORING WELL SAMPLING LOG
WELL NO. MW-5
PROJECT: 08015-000095.00
LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY
SAMPLING DATE: 10/28/2015 SAMPLED BY: TIM MCCANN
SAMPLING METHOD: PERISTALTIC PUMP WEATHER: RAIN WITH WIND
SAMPLING TIME: 14:55 AMBIENT TEMP: 50 °F

WATER ELEVATION DATA:
METHOD OF MEASUREMENT: DEPTH SOUNDER:
WATER LEVEL GAUGE: X
DEPTH TO WATER (FT): 12.75
PURGE METHOD: PERISTALTIC PUMP
DEPTH OF PUMP BELOW TOP OF CASING (FT):
WAS WELL PUMPED DRY? YES X NO
TOTAL GALLONS PURGED: 0.8

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
14:43	**12.75**	**0.00**	**0.956**	**18.35**	**0.15**	**7.40**	**124**
14:45	**12.85**	**0.00**	**0.961**	**18.35**	**0.00**	**7.41**	**123**
14:46	**12.95**	**0.00**	**0.967**	**18.34**	**0.00**	**7.41**	**121**
14:48	**13.02**	**0.00**	**0.958**	**18.34**	**0.00**	**7.40**	**120**

Comments: WELL IN GOOD CONDITION, MISSING SCREWS ON LID

GROUNDWATER MONITORING WELL SAMPLING LOG
WELL NO. MW-4
PROJECT: 08015-000095.00
LOCATION: 201 WINCHESTER RD, LAKEWOOD, NY
SAMPLING DATE: 10/28/2015 SAMPLED BY: TIM MCCANN
SAMPLING METHOD: PERISTALTIC PUMP WEATHER: RAINY WITH WIND
SAMPLING TIME: 14:20 AMBIENT TEMP: 50 °F

WATER ELEVATION DATA:
METHOD OF MEASUREMENT: DEPTH SOUNDER:
WATER LEVEL GAUGE: X
DEPTH TO WATER (FT): 9.65
PURGE METHOD: PERISTALTIC PUMP
DEPTH OF PUMP BELOW TOP OF CASING (FT):
WAS WELL PUMPED DRY? YES X NO
TOTAL GALLONS PURGED: 1.5

TIME	DEPTH TO WATER	TURBIDITY	CONDUCTIVITY	TEMP	DO	PH	ORP
14:08	**10.2**	**682**	**0.767**	**18.47**	**0.70**	**6.85**	**13**
14:10	**10.33**	**126**	**0.768**	**18.51**	**0.46**	**6.84**	**14**
14:11	**10.45**	**112**	**0.769**	**18.57**	**0.38**	**6.85**	**15**
14:13	**10.55**	**77.2**	**0.769**	**18.63**	**0.26**	**6.84**	**16**
14:15	**10.68**	**69.7**	**0.768**	**18.69**	**0.17**	**6.81**	**16**
14:16	**10.80**	**26.0**	**0.769**	**18.73**	**0.08**	**6.81**	**17**
14:17	**10.87**	**26.8**	**0.769**	**18.76**	**0.08**	**6.80**	**16**
14:18	**10.95**	**26.9**	**0.769**	**18.78**	**0.08**	**6.79**	**15**

Comments: WELL IN GOOD CONDITION

Appendix D

PACE ANALYTICAL LABORATORY REPORT

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

November 16, 2015

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

RE: Project: 08015-000099.00
Pace Project No.: 30163621

Dear Mr. McCann:
Enclosed are the analytical results for sample(s) received by the laboratory on October 30, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI 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
Project Manager

Enclosures

cc: Mr. Daniel Zinz, Bureau Veritas

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

CERTIFICATIONS

Project: 08015-000099.00
Pace Project No.: 30163621

Pennsylvania Certification IDs

Georgia Certification #: C040
1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
L-A-B DOD-ELAP Accreditation #: L2417
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 04222CA
Colorado Certification
Connecticut Certification #: PH-0694
Delaware Certification
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 #: 90133
Louisiana DHH/TNI Certification #: LA140008
Louisiana DEQ/TNI Certification #: 4086
Maine Certification #: PA00091
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification
Missouri Certification #: 235
Montana Certification #: Cert 0082
Nebraska Certification #: NE-05-29-14
Nevada Certification #: PA014572015-1
New Hampshire/TNI Certification #: 2976
New Jersey/TNI Certification #: PA 051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Oregon/TNI Certification #: PA200002
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN2867
Texas/TNI Certification #: T104704188-14-8
Utah/TNI Certification #: PA014572015-5
USDA Soil Permit #: P330-14-00213
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Certification
Wyoming Certification #: 8TMS-L

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

ANALYTICAL RESULTS

Project: 08015-000099.00
Pace Project No.: 30163621

Sample: MW-1 **Lab ID: 30163621001** Collected: 10/29/15 11:45 Received: 10/30/15 09:45 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		11/09/15 18:12	67-64-1	
Benzene	ND	ug/L	1.0	1		11/09/15 18:12	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		11/09/15 18:12	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/09/15 18:12	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/09/15 18:12	75-25-2	
Bromomethane	ND	ug/L	1.0	1		11/09/15 18:12	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		11/09/15 18:12	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		11/09/15 18:12	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		11/09/15 18:12	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/09/15 18:12	108-90-7	
Chloroethane	**1.2**	ug/L	1.0	1		11/09/15 18:12	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/09/15 18:12	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/09/15 18:12	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		11/09/15 18:12	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 18:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 18:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 18:12	106-46-7	
1,1-Dichloroethane	**10.7**	ug/L	1.0	1		11/09/15 18:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/09/15 18:12	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		11/09/15 18:12	540-59-0	
1,1-Dichloroethene	**16.1**	ug/L	1.0	1		11/09/15 18:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/09/15 18:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/09/15 18:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/09/15 18:12	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/09/15 18:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/09/15 18:12	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		11/09/15 18:12	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		11/09/15 18:12	591-78-6	
Methylene Chloride	ND	ug/L	1.0	1		11/09/15 18:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		11/09/15 18:12	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		11/09/15 18:12	1634-04-4	
Styrene	ND	ug/L	1.0	1		11/09/15 18:12	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/09/15 18:12	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/09/15 18:12	127-18-4	
Toluene	ND	ug/L	1.0	1		11/09/15 18:12	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/09/15 18:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/09/15 18:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/09/15 18:12	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/09/15 18:12	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		11/09/15 18:12	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		11/09/15 18:12	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/09/15 18:12	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/09/15 18:12	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	81-119	1		11/09/15 18:12	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	77-126	1		11/09/15 18:12	17060-07-0	
Toluene-d8 (S)	94	%	84-115	1		11/09/15 18:12	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 08015-000099.00
Pace Project No.: 30163621

Sample: MW-1 **Lab ID: 30163621001** Collected: 10/29/15 11:45 Received: 10/30/15 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
Surrogates								
Dibromofluoromethane (S)	95	%	70-130	1		11/09/15 18:12	1868-53-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 08015-000099.00
Pace Project No.: 30163621

Sample: MW-2 **Lab ID: 30163621002** Collected: 10/29/15 10:05 Received: 10/30/15 09:45 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		11/09/15 20:20	67-64-1	
Benzene	ND	ug/L	1.0	1		11/09/15 20:20	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		11/09/15 20:20	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/09/15 20:20	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/09/15 20:20	75-25-2	
Bromomethane	ND	ug/L	1.0	1		11/09/15 20:20	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		11/09/15 20:20	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		11/09/15 20:20	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		11/09/15 20:20	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/09/15 20:20	108-90-7	
Chloroethane	**950**	ug/L	50.0	50		11/11/15 22:48	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/09/15 20:20	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/09/15 20:20	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		11/09/15 20:20	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 20:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 20:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 20:20	106-46-7	
1,1-Dichloroethane	**16.4**	ug/L	1.0	1		11/09/15 20:20	75-34-3	
1,2-Dichloroethane	**1.7**	ug/L	1.0	1		11/09/15 20:20	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		11/09/15 20:20	540-59-0	
1,1-Dichloroethene	**9.6**	ug/L	1.0	1		11/09/15 20:20	75-35-4	
cis-1,2-Dichloroethene	**1.4**	ug/L	1.0	1		11/09/15 20:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/09/15 20:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/09/15 20:20	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/09/15 20:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/09/15 20:20	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		11/09/15 20:20	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		11/09/15 20:20	591-78-6	
Methylene Chloride	ND	ug/L	1.0	1		11/09/15 20:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		11/09/15 20:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		11/09/15 20:20	1634-04-4	
Styrene	ND	ug/L	1.0	1		11/09/15 20:20	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/09/15 20:20	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/09/15 20:20	127-18-4	
Toluene	ND	ug/L	1.0	1		11/09/15 20:20	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/09/15 20:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/09/15 20:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/09/15 20:20	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/09/15 20:20	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		11/09/15 20:20	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		11/09/15 20:20	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/09/15 20:20	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/09/15 20:20	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	106	%	81-119	1		11/09/15 20:20	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	77-126	1		11/09/15 20:20	17060-07-0	
Toluene-d8 (S)	95	%	84-115	1		11/09/15 20:20	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 08015-000099.00
Pace Project No.: 30163621

Sample: MW-2 **Lab ID: 30163621002** Collected: 10/29/15 10:05 Received: 10/30/15 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
Surrogates								
Dibromofluoromethane (S)	93	%	70-130	1		11/09/15 20:20	1868-53-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 08015-000099.00
Pace Project No.: 30163621

Sample: MW-2D **Lab ID: 30163621003** Collected: 10/29/15 10:45 Received: 10/30/15 09:45 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		11/09/15 14:46	67-64-1	
Benzene	ND	ug/L	1.0	1		11/09/15 14:46	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		11/09/15 14:46	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/09/15 14:46	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/09/15 14:46	75-25-2	
Bromomethane	ND	ug/L	1.0	1		11/09/15 14:46	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		11/09/15 14:46	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		11/09/15 14:46	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		11/09/15 14:46	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/09/15 14:46	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/09/15 14:46	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/09/15 14:46	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/09/15 14:46	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		11/09/15 14:46	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 14:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 14:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 14:46	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/09/15 14:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/09/15 14:46	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		11/09/15 14:46	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/09/15 14:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/09/15 14:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/09/15 14:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/09/15 14:46	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/09/15 14:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/09/15 14:46	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		11/09/15 14:46	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		11/09/15 14:46	591-78-6	
Methylene Chloride	ND	ug/L	1.0	1		11/09/15 14:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		11/09/15 14:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		11/09/15 14:46	1634-04-4	
Styrene	ND	ug/L	1.0	1		11/09/15 14:46	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/09/15 14:46	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/09/15 14:46	127-18-4	
Toluene	ND	ug/L	1.0	1		11/09/15 14:46	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/09/15 14:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/09/15 14:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/09/15 14:46	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/09/15 14:46	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		11/09/15 14:46	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		11/09/15 14:46	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/09/15 14:46	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/09/15 14:46	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	81-119	1		11/09/15 14:46	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	77-126	1		11/09/15 14:46	17060-07-0	
Toluene-d8 (S)	95	%	84-115	1		11/09/15 14:46	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 08015-000099.00
Pace Project No.: 30163621

Sample: MW-2D **Lab ID: 30163621003** Collected: 10/29/15 10:45 Received: 10/30/15 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
Surrogates								
Dibromofluoromethane (S)	93	%	70-130	1		11/09/15 14:46	1868-53-7	

REPORT OF LABORATORY ANALYSIS

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(724)850-5600

ANALYTICAL RESULTS

Project: 08015-000099.00
Pace Project No.: 30163621

Sample: MW-3 **Lab ID: 30163621004** Collected: 10/29/15 09:30 Received: 10/30/15 09:45 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		11/09/15 18:38	67-64-1	
Benzene	ND	ug/L	1.0	1		11/09/15 18:38	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		11/09/15 18:38	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/09/15 18:38	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/09/15 18:38	75-25-2	
Bromomethane	ND	ug/L	1.0	1		11/09/15 18:38	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		11/09/15 18:38	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		11/09/15 18:38	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		11/09/15 18:38	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/09/15 18:38	108-90-7	
Chloroethane	**57.0**	ug/L	1.0	1		11/09/15 18:38	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/09/15 18:38	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/09/15 18:38	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		11/09/15 18:38	124-48-1	
1,2-Dichlorobenzene	**3.1**	ug/L	1.0	1		11/09/15 18:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 18:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 18:38	106-46-7	
1,1-Dichloroethane	**58.5**	ug/L	1.0	1		11/09/15 18:38	75-34-3	
1,2-Dichloroethane	**1.8**	ug/L	1.0	1		11/09/15 18:38	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		11/09/15 18:38	540-59-0	
1,1-Dichloroethene	**152**	ug/L	1.0	1		11/09/15 18:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/09/15 18:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/09/15 18:38	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/09/15 18:38	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/09/15 18:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/09/15 18:38	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		11/09/15 18:38	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		11/09/15 18:38	591-78-6	
Methylene Chloride	ND	ug/L	1.0	1		11/09/15 18:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		11/09/15 18:38	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		11/09/15 18:38	1634-04-4	
Styrene	ND	ug/L	1.0	1		11/09/15 18:38	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/09/15 18:38	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/09/15 18:38	127-18-4	
Toluene	ND	ug/L	1.0	1		11/09/15 18:38	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/09/15 18:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/09/15 18:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/09/15 18:38	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/09/15 18:38	79-01-6	
Vinyl chloride	**2.5**	ug/L	1.0	1		11/09/15 18:38	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		11/09/15 18:38	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/09/15 18:38	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/09/15 18:38	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	81-119	1		11/09/15 18:38	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	77-126	1		11/09/15 18:38	17060-07-0	
Toluene-d8 (S)	97	%	84-115	1		11/09/15 18:38	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 08015-000099.00
Pace Project No.: 30163621

Sample: MW-3 **Lab ID: 30163621004** Collected: 10/29/15 09:30 Received: 10/30/15 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
Surrogates								
Dibromofluoromethane (S)	95	%	70-130	1		11/09/15 18:38	1868-53-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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(724)850-5600

ANALYTICAL RESULTS

Project: 08015-000099.00
Pace Project No.: 30163621

Sample: MW-4 **Lab ID: 30163621005** Collected: 10/28/15 14:20 Received: 10/30/15 09:45 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		11/09/15 15:12	67-64-1	
Benzene	ND	ug/L	1.0	1		11/09/15 15:12	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		11/09/15 15:12	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/09/15 15:12	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/09/15 15:12	75-25-2	
Bromomethane	ND	ug/L	1.0	1		11/09/15 15:12	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		11/09/15 15:12	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		11/09/15 15:12	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		11/09/15 15:12	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/09/15 15:12	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/09/15 15:12	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/09/15 15:12	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/09/15 15:12	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		11/09/15 15:12	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 15:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 15:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 15:12	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/09/15 15:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/09/15 15:12	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		11/09/15 15:12	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/09/15 15:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/09/15 15:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/09/15 15:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/09/15 15:12	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/09/15 15:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/09/15 15:12	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		11/09/15 15:12	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		11/09/15 15:12	591-78-6	
Methylene Chloride	ND	ug/L	1.0	1		11/09/15 15:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		11/09/15 15:12	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		11/09/15 15:12	1634-04-4	
Styrene	ND	ug/L	1.0	1		11/09/15 15:12	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/09/15 15:12	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/09/15 15:12	127-18-4	
Toluene	ND	ug/L	1.0	1		11/09/15 15:12	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/09/15 15:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/09/15 15:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/09/15 15:12	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/09/15 15:12	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		11/09/15 15:12	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		11/09/15 15:12	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/09/15 15:12	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/09/15 15:12	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	81-119	1		11/09/15 15:12	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	77-126	1		11/09/15 15:12	17060-07-0	
Toluene-d8 (S)	93	%	84-115	1		11/09/15 15:12	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 08015-000099.00
Pace Project No.: 30163621

Sample: MW-4 **Lab ID: 30163621005** Collected: 10/28/15 14:20 Received: 10/30/15 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
Surrogates								
Dibromofluoromethane (S)	97	%	70-130	1		11/09/15 15:12	1868-53-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 08015-000099.00
Pace Project No.: 30163621

Sample: MW-5 **Lab ID: 30163621006** Collected: 10/28/15 14:55 Received: 10/30/15 09:45 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		11/09/15 15:37	67-64-1	
Benzene	ND	ug/L	1.0	1		11/09/15 15:37	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		11/09/15 15:37	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/09/15 15:37	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/09/15 15:37	75-25-2	
Bromomethane	ND	ug/L	1.0	1		11/09/15 15:37	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		11/09/15 15:37	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		11/09/15 15:37	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		11/09/15 15:37	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/09/15 15:37	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/09/15 15:37	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/09/15 15:37	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/09/15 15:37	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		11/09/15 15:37	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 15:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 15:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 15:37	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/09/15 15:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/09/15 15:37	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		11/09/15 15:37	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/09/15 15:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/09/15 15:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/09/15 15:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/09/15 15:37	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/09/15 15:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/09/15 15:37	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		11/09/15 15:37	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		11/09/15 15:37	591-78-6	
Methylene Chloride	ND	ug/L	1.0	1		11/09/15 15:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		11/09/15 15:37	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		11/09/15 15:37	1634-04-4	
Styrene	ND	ug/L	1.0	1		11/09/15 15:37	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/09/15 15:37	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/09/15 15:37	127-18-4	
Toluene	ND	ug/L	1.0	1		11/09/15 15:37	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/09/15 15:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/09/15 15:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/09/15 15:37	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/09/15 15:37	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		11/09/15 15:37	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		11/09/15 15:37	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/09/15 15:37	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/09/15 15:37	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%	81-119	1		11/09/15 15:37	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	77-126	1		11/09/15 15:37	17060-07-0	
Toluene-d8 (S)	95	%	84-115	1		11/09/15 15:37	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 08015-000099.00
Pace Project No.: 30163621

Sample: MW-5 **Lab ID: 30163621006** Collected: 10/28/15 14:55 Received: 10/30/15 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
Surrogates								
Dibromofluoromethane (S)	95	%	70-130	1		11/09/15 15:37	1868-53-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 08015-000099.00
Pace Project No.: 30163621

Sample: MW-7 **Lab ID: 30163621007** Collected: 10/29/15 08:35 Received: 10/30/15 09:45 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		11/09/15 16:03	67-64-1	
Benzene	ND	ug/L	1.0	1		11/09/15 16:03	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		11/09/15 16:03	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/09/15 16:03	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/09/15 16:03	75-25-2	
Bromomethane	ND	ug/L	1.0	1		11/09/15 16:03	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		11/09/15 16:03	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		11/09/15 16:03	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		11/09/15 16:03	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/09/15 16:03	108-90-7	
Chloroethane	**5.3**	ug/L	1.0	1		11/09/15 16:03	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/09/15 16:03	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/09/15 16:03	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		11/09/15 16:03	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 16:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 16:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 16:03	106-46-7	
1,1-Dichloroethane	**12.8**	ug/L	1.0	1		11/09/15 16:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/09/15 16:03	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		11/09/15 16:03	540-59-0	
1,1-Dichloroethene	**10.7**	ug/L	1.0	1		11/09/15 16:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/09/15 16:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/09/15 16:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/09/15 16:03	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/09/15 16:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/09/15 16:03	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		11/09/15 16:03	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		11/09/15 16:03	591-78-6	
Methylene Chloride	ND	ug/L	1.0	1		11/09/15 16:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		11/09/15 16:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		11/09/15 16:03	1634-04-4	
Styrene	ND	ug/L	1.0	1		11/09/15 16:03	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/09/15 16:03	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/09/15 16:03	127-18-4	
Toluene	ND	ug/L	1.0	1		11/09/15 16:03	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/09/15 16:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/09/15 16:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/09/15 16:03	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/09/15 16:03	79-01-6	
Vinyl chloride	**9.0**	ug/L	1.0	1		11/09/15 16:03	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		11/09/15 16:03	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/09/15 16:03	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/09/15 16:03	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	97	%	81-119	1		11/09/15 16:03	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	77-126	1		11/09/15 16:03	17060-07-0	
Toluene-d8 (S)	96	%	84-115	1		11/09/15 16:03	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 08015-000099.00
Pace Project No.: 30163621

Sample: MW-7 **Lab ID: 30163621007** Collected: 10/29/15 08:35 Received: 10/30/15 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
Surrogates								
Dibromofluoromethane (S)	93	%	70-130	1		11/09/15 16:03	1868-53-7	

REPORT OF LABORATORY ANALYSIS

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Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 08015-000099.00
Pace Project No.: 30163621

Sample: MW-8 **Lab ID: 30163621008** Collected: 10/28/15 12:42 Received: 10/30/15 09:45 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		11/09/15 16:29	67-64-1	
Benzene	ND	ug/L	1.0	1		11/09/15 16:29	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		11/09/15 16:29	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/09/15 16:29	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/09/15 16:29	75-25-2	
Bromomethane	ND	ug/L	1.0	1		11/09/15 16:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		11/09/15 16:29	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		11/09/15 16:29	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		11/09/15 16:29	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/09/15 16:29	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/09/15 16:29	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/09/15 16:29	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/09/15 16:29	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		11/09/15 16:29	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 16:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 16:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 16:29	106-46-7	
1,1-Dichloroethane	**7.1**	ug/L	1.0	1		11/09/15 16:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/09/15 16:29	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		11/09/15 16:29	540-59-0	
1,1-Dichloroethene	**13.9**	ug/L	1.0	1		11/09/15 16:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/09/15 16:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/09/15 16:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/09/15 16:29	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/09/15 16:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/09/15 16:29	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		11/09/15 16:29	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		11/09/15 16:29	591-78-6	
Methylene Chloride	ND	ug/L	1.0	1		11/09/15 16:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		11/09/15 16:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		11/09/15 16:29	1634-04-4	
Styrene	ND	ug/L	1.0	1		11/09/15 16:29	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/09/15 16:29	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/09/15 16:29	127-18-4	
Toluene	ND	ug/L	1.0	1		11/09/15 16:29	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/09/15 16:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/09/15 16:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/09/15 16:29	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/09/15 16:29	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		11/09/15 16:29	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		11/09/15 16:29	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/09/15 16:29	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/09/15 16:29	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%	81-119	1		11/09/15 16:29	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	77-126	1		11/09/15 16:29	17060-07-0	
Toluene-d8 (S)	94	%	84-115	1		11/09/15 16:29	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 08015-000099.00
Pace Project No.: 30163621

Sample: MW-8 **Lab ID: 30163621008** Collected: 10/28/15 12:42 Received: 10/30/15 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
Surrogates								
Dibromofluoromethane (S)	97	%	70-130	1		11/09/15 16:29	1868-53-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 08015-000099.00
Pace Project No.: 30163621

Sample: MW-9 **Lab ID: 30163621009** Collected: 10/28/15 11:45 Received: 10/30/15 09:45 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		11/09/15 19:03	67-64-1	
Benzene	ND	ug/L	1.0	1		11/09/15 19:03	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		11/09/15 19:03	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/09/15 19:03	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/09/15 19:03	75-25-2	
Bromomethane	ND	ug/L	1.0	1		11/09/15 19:03	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		11/09/15 19:03	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		11/09/15 19:03	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		11/09/15 19:03	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/09/15 19:03	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/09/15 19:03	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/09/15 19:03	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/09/15 19:03	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		11/09/15 19:03	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 19:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 19:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 19:03	106-46-7	
1,1-Dichloroethane	**216**	ug/L	1.0	1		11/09/15 19:03	75-34-3	
1,2-Dichloroethane	**6.8**	ug/L	1.0	1		11/09/15 19:03	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		11/09/15 19:03	540-59-0	
1,1-Dichloroethene	**328**	ug/L	1.0	1		11/09/15 19:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/09/15 19:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/09/15 19:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/09/15 19:03	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/09/15 19:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/09/15 19:03	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		11/09/15 19:03	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		11/09/15 19:03	591-78-6	
Methylene Chloride	ND	ug/L	1.0	1		11/09/15 19:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		11/09/15 19:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		11/09/15 19:03	1634-04-4	
Styrene	ND	ug/L	1.0	1		11/09/15 19:03	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/09/15 19:03	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/09/15 19:03	127-18-4	
Toluene	ND	ug/L	1.0	1		11/09/15 19:03	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/09/15 19:03	120-82-1	
1,1,1-Trichloroethane	**17.6**	ug/L	1.0	1		11/09/15 19:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/09/15 19:03	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/09/15 19:03	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		11/09/15 19:03	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		11/09/15 19:03	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/09/15 19:03	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/09/15 19:03	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%	81-119	1		11/09/15 19:03	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	77-126	1		11/09/15 19:03	17060-07-0	
Toluene-d8 (S)	97	%	84-115	1		11/09/15 19:03	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 08015-000099.00
Pace Project No.: 30163621

Sample: MW-9 **Lab ID: 30163621009** Collected: 10/28/15 11:45 Received: 10/30/15 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
Surrogates								
Dibromofluoromethane (S)	94	%	70-130	1		11/09/15 19:03	1868-53-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 08015-000099.00
Pace Project No.: 30163621

Sample: MW-10 **Lab ID: 30163621010** Collected: 10/28/15 13:05 Received: 10/30/15 09:45 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		11/09/15 16:55	67-64-1	
Benzene	ND	ug/L	1.0	1		11/09/15 16:55	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		11/09/15 16:55	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/09/15 16:55	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/09/15 16:55	75-25-2	
Bromomethane	ND	ug/L	1.0	1		11/09/15 16:55	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		11/09/15 16:55	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		11/09/15 16:55	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		11/09/15 16:55	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/09/15 16:55	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/09/15 16:55	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/09/15 16:55	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/09/15 16:55	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		11/09/15 16:55	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 16:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 16:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 16:55	106-46-7	
1,1-Dichloroethane	**40.0**	ug/L	1.0	1		11/09/15 16:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/09/15 16:55	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		11/09/15 16:55	540-59-0	
1,1-Dichloroethene	**4.1**	ug/L	1.0	1		11/09/15 16:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/09/15 16:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/09/15 16:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/09/15 16:55	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/09/15 16:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/09/15 16:55	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		11/09/15 16:55	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		11/09/15 16:55	591-78-6	
Methylene Chloride	ND	ug/L	1.0	1		11/09/15 16:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		11/09/15 16:55	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		11/09/15 16:55	1634-04-4	
Styrene	ND	ug/L	1.0	1		11/09/15 16:55	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/09/15 16:55	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/09/15 16:55	127-18-4	
Toluene	ND	ug/L	1.0	1		11/09/15 16:55	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/09/15 16:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/09/15 16:55	71-55-6	
1,1,2-Trichloroethane	**1.9**	ug/L	1.0	1		11/09/15 16:55	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/09/15 16:55	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		11/09/15 16:55	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		11/09/15 16:55	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/09/15 16:55	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/09/15 16:55	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	81-119	1		11/09/15 16:55	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	77-126	1		11/09/15 16:55	17060-07-0	
Toluene-d8 (S)	98	%	84-115	1		11/09/15 16:55	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 08015-000099.00
Pace Project No.: 30163621

Sample: MW-10 **Lab ID: 30163621010** Collected: 10/28/15 13:05 Received: 10/30/15 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
Surrogates								
Dibromofluoromethane (S)	101	%	70-130	1		11/09/15 16:55	1868-53-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 08015-000099.00
Pace Project No.: 30163621

Sample: MW-11 **Lab ID: 30163621011** Collected: 10/28/15 16:30 Received: 10/30/15 09:45 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		11/09/15 17:21	67-64-1	
Benzene	ND	ug/L	1.0	1		11/09/15 17:21	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		11/09/15 17:21	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/09/15 17:21	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/09/15 17:21	75-25-2	
Bromomethane	ND	ug/L	1.0	1		11/09/15 17:21	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		11/09/15 17:21	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		11/09/15 17:21	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		11/09/15 17:21	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/09/15 17:21	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/09/15 17:21	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/09/15 17:21	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/09/15 17:21	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		11/09/15 17:21	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 17:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 17:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 17:21	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/09/15 17:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/09/15 17:21	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		11/09/15 17:21	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/09/15 17:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/09/15 17:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/09/15 17:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/09/15 17:21	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/09/15 17:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/09/15 17:21	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		11/09/15 17:21	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		11/09/15 17:21	591-78-6	
Methylene Chloride	ND	ug/L	1.0	1		11/09/15 17:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		11/09/15 17:21	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		11/09/15 17:21	1634-04-4	
Styrene	ND	ug/L	1.0	1		11/09/15 17:21	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/09/15 17:21	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/09/15 17:21	127-18-4	
Toluene	ND	ug/L	1.0	1		11/09/15 17:21	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/09/15 17:21	120-82-1	
1,1,1-Trichloroethane	**1.3**	ug/L	1.0	1		11/09/15 17:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/09/15 17:21	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/09/15 17:21	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		11/09/15 17:21	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		11/09/15 17:21	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/09/15 17:21	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/09/15 17:21	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	104	%	81-119	1		11/09/15 17:21	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	77-126	1		11/09/15 17:21	17060-07-0	
Toluene-d8 (S)	93	%	84-115	1		11/09/15 17:21	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 08015-000099.00
Pace Project No.: 30163621

Sample: MW-11 **Lab ID: 30163621011** Collected: 10/28/15 16:30 Received: 10/30/15 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
Surrogates								
Dibromofluoromethane (S)	100	%	70-130	1		11/09/15 17:21	1868-53-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 08015-000099.00
Pace Project No.: 30163621

Sample: MW-11D **Lab ID: 30163621012** Collected: 10/29/15 12:15 Received: 10/30/15 09:45 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		11/09/15 17:46	67-64-1	
Benzene	ND	ug/L	1.0	1		11/09/15 17:46	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		11/09/15 17:46	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/09/15 17:46	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/09/15 17:46	75-25-2	
Bromomethane	ND	ug/L	1.0	1		11/09/15 17:46	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		11/09/15 17:46	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		11/09/15 17:46	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		11/09/15 17:46	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/09/15 17:46	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/09/15 17:46	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/09/15 17:46	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/09/15 17:46	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		11/09/15 17:46	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 17:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 17:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 17:46	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/09/15 17:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/09/15 17:46	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		11/09/15 17:46	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/09/15 17:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/09/15 17:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/09/15 17:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/09/15 17:46	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/09/15 17:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/09/15 17:46	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		11/09/15 17:46	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		11/09/15 17:46	591-78-6	
Methylene Chloride	ND	ug/L	1.0	1		11/09/15 17:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		11/09/15 17:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		11/09/15 17:46	1634-04-4	
Styrene	ND	ug/L	1.0	1		11/09/15 17:46	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/09/15 17:46	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/09/15 17:46	127-18-4	
Toluene	ND	ug/L	1.0	1		11/09/15 17:46	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/09/15 17:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/09/15 17:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/09/15 17:46	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/09/15 17:46	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		11/09/15 17:46	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		11/09/15 17:46	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/09/15 17:46	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/09/15 17:46	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	107	%	81-119	1		11/09/15 17:46	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	77-126	1		11/09/15 17:46	17060-07-0	
Toluene-d8 (S)	97	%	84-115	1		11/09/15 17:46	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 08015-000099.00
Pace Project No.: 30163621

Sample: MW-11D **Lab ID: 30163621012** Collected: 10/29/15 12:15 Received: 10/30/15 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
Surrogates								
Dibromofluoromethane (S)	97	%	70-130	1		11/09/15 17:46	1868-53-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 08015-000099.00
Pace Project No.: 30163621

Sample: MW-13 **Lab ID: 30163621013** Collected: 10/29/15 11:10 Received: 10/30/15 09:45 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		11/09/15 19:29	67-64-1	
Benzene	ND	ug/L	1.0	1		11/09/15 19:29	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		11/09/15 19:29	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/09/15 19:29	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/09/15 19:29	75-25-2	
Bromomethane	ND	ug/L	1.0	1		11/09/15 19:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		11/09/15 19:29	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		11/09/15 19:29	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		11/09/15 19:29	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/09/15 19:29	108-90-7	
Chloroethane	**272**	ug/L	50.0	50		11/11/15 22:22	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/09/15 19:29	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/09/15 19:29	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		11/09/15 19:29	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 19:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 19:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 19:29	106-46-7	
1,1-Dichloroethane	**10.6**	ug/L	1.0	1		11/09/15 19:29	75-34-3	
1,2-Dichloroethane	**1.0**	ug/L	1.0	1		11/09/15 19:29	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		11/09/15 19:29	540-59-0	
1,1-Dichloroethene	**12.5**	ug/L	1.0	1		11/09/15 19:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/09/15 19:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/09/15 19:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/09/15 19:29	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/09/15 19:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/09/15 19:29	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		11/09/15 19:29	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		11/09/15 19:29	591-78-6	
Methylene Chloride	ND	ug/L	1.0	1		11/09/15 19:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		11/09/15 19:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		11/09/15 19:29	1634-04-4	
Styrene	ND	ug/L	1.0	1		11/09/15 19:29	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/09/15 19:29	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/09/15 19:29	127-18-4	
Toluene	ND	ug/L	1.0	1		11/09/15 19:29	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/09/15 19:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/09/15 19:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/09/15 19:29	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/09/15 19:29	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		11/09/15 19:29	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		11/09/15 19:29	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/09/15 19:29	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/09/15 19:29	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	81-119	1		11/09/15 19:29	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	77-126	1		11/09/15 19:29	17060-07-0	
Toluene-d8 (S)	95	%	84-115	1		11/09/15 19:29	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 08015-000099.00
Pace Project No.: 30163621

Sample: MW-13 **Lab ID: 30163621013** Collected: 10/29/15 11:10 Received: 10/30/15 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
Surrogates								
Dibromofluoromethane (S)	94	%	70-130	1		11/09/15 19:29	1868-53-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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(724)850-5600

ANALYTICAL RESULTS

Project: 08015-000099.00
Pace Project No.: 30163621

Sample: MW-14 **Lab ID: 30163621014** Collected: 10/29/15 09:00 Received: 10/30/15 09:45 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		11/09/15 19:55	67-64-1	
Benzene	ND	ug/L	1.0	1		11/09/15 19:55	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		11/09/15 19:55	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/09/15 19:55	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/09/15 19:55	75-25-2	
Bromomethane	ND	ug/L	1.0	1		11/09/15 19:55	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		11/09/15 19:55	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		11/09/15 19:55	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		11/09/15 19:55	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/09/15 19:55	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/09/15 19:55	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/09/15 19:55	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/09/15 19:55	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		11/09/15 19:55	124-48-1	
1,2-Dichlorobenzene	**1.6**	ug/L	1.0	1		11/09/15 19:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 19:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 19:55	106-46-7	
1,1-Dichloroethane	**10.5**	ug/L	1.0	1		11/09/15 19:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/09/15 19:55	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		11/09/15 19:55	540-59-0	
1,1-Dichloroethene	**1.8**	ug/L	1.0	1		11/09/15 19:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/09/15 19:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/09/15 19:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/09/15 19:55	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/09/15 19:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/09/15 19:55	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		11/09/15 19:55	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		11/09/15 19:55	591-78-6	
Methylene Chloride	ND	ug/L	1.0	1		11/09/15 19:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		11/09/15 19:55	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		11/09/15 19:55	1634-04-4	
Styrene	ND	ug/L	1.0	1		11/09/15 19:55	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/09/15 19:55	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/09/15 19:55	127-18-4	
Toluene	ND	ug/L	1.0	1		11/09/15 19:55	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/09/15 19:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/09/15 19:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/09/15 19:55	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/09/15 19:55	79-01-6	
Vinyl chloride	**1.8**	ug/L	1.0	1		11/09/15 19:55	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		11/09/15 19:55	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/09/15 19:55	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/09/15 19:55	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	103	%	81-119	1		11/09/15 19:55	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	77-126	1		11/09/15 19:55	17060-07-0	
Toluene-d8 (S)	99	%	84-115	1		11/09/15 19:55	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 08015-000099.00
Pace Project No.: 30163621

Sample: MW-14 **Lab ID: 30163621014** Collected: 10/29/15 09:00 Received: 10/30/15 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
Surrogates								
Dibromofluoromethane (S)	91	%	70-130	1		11/09/15 19:55	1868-53-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 08015-000099.00
Pace Project No.: 30163621

Sample: EB-1 **Lab ID: 30163621015** Collected: 10/28/15 16:50 Received: 10/30/15 09:45 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		11/09/15 13:29	67-64-1	
Benzene	ND	ug/L	1.0	1		11/09/15 13:29	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		11/09/15 13:29	74-97-5	
Bromodichloromethane	**2.2**	ug/L	1.0	1		11/09/15 13:29	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/09/15 13:29	75-25-2	
Bromomethane	ND	ug/L	1.0	1		11/09/15 13:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		11/09/15 13:29	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		11/09/15 13:29	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		11/09/15 13:29	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/09/15 13:29	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/09/15 13:29	75-00-3	
Chloroform	**13.3**	ug/L	1.0	1		11/09/15 13:29	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/09/15 13:29	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		11/09/15 13:29	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 13:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 13:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 13:29	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/09/15 13:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/09/15 13:29	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		11/09/15 13:29	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/09/15 13:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/09/15 13:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/09/15 13:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/09/15 13:29	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/09/15 13:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/09/15 13:29	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		11/09/15 13:29	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		11/09/15 13:29	591-78-6	
Methylene Chloride	ND	ug/L	1.0	1		11/09/15 13:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		11/09/15 13:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		11/09/15 13:29	1634-04-4	
Styrene	ND	ug/L	1.0	1		11/09/15 13:29	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/09/15 13:29	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/09/15 13:29	127-18-4	
Toluene	ND	ug/L	1.0	1		11/09/15 13:29	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/09/15 13:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/09/15 13:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/09/15 13:29	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/09/15 13:29	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		11/09/15 13:29	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		11/09/15 13:29	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/09/15 13:29	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/09/15 13:29	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	104	%	81-119	1		11/09/15 13:29	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	77-126	1		11/09/15 13:29	17060-07-0	
Toluene-d8 (S)	96	%	84-115	1		11/09/15 13:29	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 08015-000099.00
Pace Project No.: 30163621

Sample: EB-1 **Lab ID: 30163621015** Collected: 10/28/15 16:50 Received: 10/30/15 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
Surrogates								
Dibromofluoromethane (S)	99	%	70-130	1		11/09/15 13:29	1868-53-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
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ANALYTICAL RESULTS

Project: 08015-000099.00
Pace Project No.: 30163621

Sample: EB-2 **Lab ID: 30163621016** Collected: 10/29/15 12:25 Received: 10/30/15 09:45 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		11/09/15 14:20	67-64-1	
Benzene	ND	ug/L	1.0	1		11/09/15 14:20	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		11/09/15 14:20	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/09/15 14:20	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/09/15 14:20	75-25-2	
Bromomethane	ND	ug/L	1.0	1		11/09/15 14:20	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		11/09/15 14:20	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		11/09/15 14:20	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		11/09/15 14:20	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/09/15 14:20	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/09/15 14:20	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/09/15 14:20	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/09/15 14:20	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		11/09/15 14:20	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 14:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 14:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 14:20	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/09/15 14:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/09/15 14:20	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		11/09/15 14:20	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/09/15 14:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/09/15 14:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/09/15 14:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/09/15 14:20	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/09/15 14:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/09/15 14:20	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		11/09/15 14:20	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		11/09/15 14:20	591-78-6	
Methylene Chloride	ND	ug/L	1.0	1		11/09/15 14:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		11/09/15 14:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		11/09/15 14:20	1634-04-4	
Styrene	ND	ug/L	1.0	1		11/09/15 14:20	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/09/15 14:20	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/09/15 14:20	127-18-4	
Toluene	ND	ug/L	1.0	1		11/09/15 14:20	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/09/15 14:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/09/15 14:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/09/15 14:20	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/09/15 14:20	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		11/09/15 14:20	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		11/09/15 14:20	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/09/15 14:20	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/09/15 14:20	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%	81-119	1		11/09/15 14:20	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	77-126	1		11/09/15 14:20	17060-07-0	
Toluene-d8 (S)	96	%	84-115	1		11/09/15 14:20	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1638 Roseytown Road - Suites 2,3,4
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ANALYTICAL RESULTS

Project: 08015-000099.00
Pace Project No.: 30163621

Sample: EB-2 **Lab ID: 30163621016** Collected: 10/29/15 12:25 Received: 10/30/15 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
Surrogates								
Dibromofluoromethane (S)	97	%	70-130	1		11/09/15 14:20	1868-53-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 08015-000099.00
Pace Project No.: 30163621

Sample: Trip Blank **Lab ID: 30163621017** Collected: 10/28/15 00:01 Received: 10/30/15 09:45 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		11/09/15 13:03	67-64-1	
Benzene	ND	ug/L	1.0	1		11/09/15 13:03	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		11/09/15 13:03	74-97-5	
Bromodichloromethane	**2.3**	ug/L	1.0	1		11/09/15 13:03	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/09/15 13:03	75-25-2	
Bromomethane	ND	ug/L	1.0	1		11/09/15 13:03	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		11/09/15 13:03	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		11/09/15 13:03	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		11/09/15 13:03	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/09/15 13:03	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/09/15 13:03	75-00-3	
Chloroform	**13.5**	ug/L	1.0	1		11/09/15 13:03	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/09/15 13:03	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		11/09/15 13:03	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 13:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 13:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/09/15 13:03	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/09/15 13:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/09/15 13:03	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		11/09/15 13:03	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/09/15 13:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/09/15 13:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/09/15 13:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/09/15 13:03	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/09/15 13:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/09/15 13:03	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		11/09/15 13:03	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		11/09/15 13:03	591-78-6	
Methylene Chloride	ND	ug/L	1.0	1		11/09/15 13:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		11/09/15 13:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		11/09/15 13:03	1634-04-4	
Styrene	ND	ug/L	1.0	1		11/09/15 13:03	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/09/15 13:03	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/09/15 13:03	127-18-4	
Toluene	ND	ug/L	1.0	1		11/09/15 13:03	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/09/15 13:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/09/15 13:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/09/15 13:03	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/09/15 13:03	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		11/09/15 13:03	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		11/09/15 13:03	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/09/15 13:03	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/09/15 13:03	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	81-119	1		11/09/15 13:03	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	77-126	1		11/09/15 13:03	17060-07-0	
Toluene-d8 (S)	95	%	84-115	1		11/09/15 13:03	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 08015-000099.00
Pace Project No.: 30163621

Sample: Trip Blank **Lab ID: 30163621017** Collected: 10/28/15 00:01 Received: 10/30/15 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C							
Surrogates								
Dibromofluoromethane (S)	98	%	70-130	1		11/09/15 13:03	1868-53-7	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 08015-000099.00
Pace Project No.: 30163621

QC Batch: MSV/25592 Analysis Method: EPA 8260C
QC Batch Method: EPA 8260C Analysis Description: 8260C MSV
Associated Lab Samples: 30163621001, 30163621002, 30163621003, 30163621004, 30163621005, 30163621006, 30163621007, 30163621008, 30163621009, 30163621010, 30163621011, 30163621012, 30163621013, 30163621014, 30163621015, 30163621016, 30163621017

METHOD BLANK: 980608 Matrix: Water
Associated Lab Samples: 30163621001, 30163621002, 30163621003, 30163621004, 30163621005, 30163621006, 30163621007, 30163621008, 30163621009, 30163621010, 30163621011, 30163621012, 30163621013, 30163621014, 30163621015, 30163621016, 30163621017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	11/09/15 12:37	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	11/09/15 12:37	
1,1,2-Trichloroethane	ug/L	ND	1.0	11/09/15 12:37	
1,1-Dichloroethane	ug/L	ND	1.0	11/09/15 12:37	
1,1-Dichloroethene	ug/L	ND	1.0	11/09/15 12:37	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	11/09/15 12:37	
1,2-Dichlorobenzene	ug/L	ND	1.0	11/09/15 12:37	
1,2-Dichloroethane	ug/L	ND	1.0	11/09/15 12:37	
1,2-Dichloropropane	ug/L	ND	1.0	11/09/15 12:37	
1,3-Dichlorobenzene	ug/L	ND	1.0	11/09/15 12:37	
1,4-Dichlorobenzene	ug/L	ND	1.0	11/09/15 12:37	
2-Butanone (MEK)	ug/L	ND	10.0	11/09/15 12:37	
2-Hexanone	ug/L	ND	10.0	11/09/15 12:37	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	11/09/15 12:37	
Acetone	ug/L	ND	10.0	11/09/15 12:37	
Benzene	ug/L	ND	1.0	11/09/15 12:37	
Bromochloromethane	ug/L	ND	1.0	11/09/15 12:37	
Bromodichloromethane	ug/L	ND	1.0	11/09/15 12:37	
Bromoform	ug/L	ND	1.0	11/09/15 12:37	
Bromomethane	ug/L	ND	1.0	11/09/15 12:37	
Carbon disulfide	ug/L	ND	1.0	11/09/15 12:37	
Carbon tetrachloride	ug/L	ND	1.0	11/09/15 12:37	
Chlorobenzene	ug/L	ND	1.0	11/09/15 12:37	
Chloroethane	ug/L	ND	1.0	11/09/15 12:37	
Chloroform	ug/L	ND	1.0	11/09/15 12:37	
Chloromethane	ug/L	ND	1.0	11/09/15 12:37	
cis-1,2-Dichloroethene	ug/L	ND	1.0	11/09/15 12:37	
cis-1,3-Dichloropropene	ug/L	ND	1.0	11/09/15 12:37	
Dibromochloromethane	ug/L	ND	1.0	11/09/15 12:37	
Ethylbenzene	ug/L	ND	1.0	11/09/15 12:37	
m&p-Xylene	ug/L	ND	2.0	11/09/15 12:37	
Methyl-tert-butyl ether	ug/L	ND	1.0	11/09/15 12:37	
Methylene Chloride	ug/L	ND	1.0	11/09/15 12:37	
o-Xylene	ug/L	ND	1.0	11/09/15 12:37	
Styrene	ug/L	ND	1.0	11/09/15 12:37	
Tetrachloroethene	ug/L	ND	1.0	11/09/15 12:37	
Toluene	ug/L	ND	1.0	11/09/15 12:37	
trans-1,2-Dichloroethene	ug/L	ND	1.0	11/09/15 12:37	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 08015-000099.00
Pace Project No.: 30163621

METHOD BLANK: 980608 Matrix: Water

Associated Lab Samples: 30163621001, 30163621002, 30163621003, 30163621004, 30163621005, 30163621006, 30163621007, 30163621008, 30163621009, 30163621010, 30163621011, 30163621012, 30163621013, 30163621014, 30163621015, 30163621016, 30163621017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,3-Dichloropropene	ug/L	ND	1.0	11/09/15 12:37	
Trichloroethene	ug/L	ND	1.0	11/09/15 12:37	
Vinyl chloride	ug/L	ND	1.0	11/09/15 12:37	
Xylene (Total)	ug/L	ND	3.0	11/09/15 12:37	
1,2-Dichloroethane-d4 (S)	%	104	77-126	11/09/15 12:37	
4-Bromofluorobenzene (S)	%	101	81-119	11/09/15 12:37	
Dibromofluoromethane (S)	%	96	70-130	11/09/15 12:37	
Toluene-d8 (S)	%	94	84-115	11/09/15 12:37	

LABORATORY CONTROL SAMPLE: 980609

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	17.3	87	67-129	
1,1,2,2-Tetrachloroethane	ug/L	20	17.1	85	58-128	
1,1,2-Trichloroethane	ug/L	20	17.1	85	69-120	
1,1-Dichloroethane	ug/L	20	16.8	84	66-129	
1,1-Dichloroethene	ug/L	20	14.7	74	59-133	
1,2,4-Trichlorobenzene	ug/L	20	19.3	97	32-159	
1,2-Dichlorobenzene	ug/L	20	17.2	86	67-128	
1,2-Dichloroethane	ug/L	20	17.2	86	66-123	
1,2-Dichloropropane	ug/L	20	16.5	83	69-121	
1,3-Dichlorobenzene	ug/L	20	16.6	83	68-121	
1,4-Dichlorobenzene	ug/L	20	16.9	84	70-117	
2-Butanone (MEK)	ug/L	20	15.7	78	57-126	
2-Hexanone	ug/L	20	18.1	90	57-129	
4-Methyl-2-pentanone (MIBK)	ug/L	20	17.4	87	65-119	
Acetone	ug/L	20	14.3	72	35-113	
Benzene	ug/L	20	16.7	83	69-115	
Bromochloromethane	ug/L	20	16.3	82	62-125	
Bromodichloromethane	ug/L	20	19.0	95	69-132	
Bromoform	ug/L	20	18.6	93	52-142	
Bromomethane	ug/L	20	13.5	68	14-151	
Carbon disulfide	ug/L	20	19.2	96	53-156	
Carbon tetrachloride	ug/L	20	16.0	80	65-138	
Chlorobenzene	ug/L	20	16.1	80	69-120	
Chloroethane	ug/L	20	16.2	81	62-134	
Chloroform	ug/L	20	17.1	85	67-123	
Chloromethane	ug/L	20	14.9	75	54-143	
cis-1,2-Dichloroethene	ug/L	20	17.2	86	66-122	
cis-1,3-Dichloropropene	ug/L	20	18.5	92	64-125	
Dibromochloromethane	ug/L	20	18.0	90	61-135	
Ethylbenzene	ug/L	20	17.6	88	71-116	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 08015-000099.00
Pace Project No.: 30163621

LABORATORY CONTROL SAMPLE: 980609

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
m&p-Xylene	ug/L	40	35.6	89	74-118	
Methyl-tert-butyl ether	ug/L	20	17.4	87	83-140	
Methylene Chloride	ug/L	20	15.5	77	56-130	
o-Xylene	ug/L	20	17.5	88	71-119	
Styrene	ug/L	20	18.7	93	71-129	
Tetrachloroethene	ug/L	20	17.0	85	62-122	
Toluene	ug/L	20	17.2	86	70-115	
trans-1,2-Dichloroethene	ug/L	20	16.0	80	63-130	
trans-1,3-Dichloropropene	ug/L	20	18.9	95	62-122	
Trichloroethene	ug/L	20	15.1	76	61-126	
Vinyl chloride	ug/L	20	15.2	76	58-127	
Xylene (Total)	ug/L	60	53.1	89	73-118	
1,2-Dichloroethane-d4 (S)	%			99	77-126	
4-Bromofluorobenzene (S)	%			104	81-119	
Dibromofluoromethane (S)	%			97	70-130	
Toluene-d8 (S)	%			95	84-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 980816 980817

Parameter	Units	30163621003 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	16.6	15.2	83	76	54-140	9	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	15.9	15.9	80	80	54-124	0	
1,1,2-Trichloroethane	ug/L	ND	20	20	16.0	14.6	80	73	58-120	10	
1,1-Dichloroethane	ug/L	ND	20	20	16.0	14.9	80	74	55-133	7	
1,1-Dichloroethene	ug/L	ND	20	20	14.7	12.6	74	63	48-141	16	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	15.3	14.9	76	75	33-130	2	
1,2-Dichlorobenzene	ug/L	ND	20	20	15.0	14.3	75	71	57-124	5	
1,2-Dichloroethane	ug/L	ND	20	20	16.2	15.1	81	75	58-123	7	
1,2-Dichloropropane	ug/L	ND	20	20	15.7	13.8	78	69	55-125	13	
1,3-Dichlorobenzene	ug/L	ND	20	20	14.9	14.2	74	71	62-113	5	
1,4-Dichlorobenzene	ug/L	ND	20	20	15.1	14.2	75	71	61-111	6	
2-Butanone (MEK)	ug/L	ND	20	20	16.7	14.7	83	73	43-128	13	
2-Hexanone	ug/L	ND	20	20	18.9	16.8	95	84	43-135	12	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	20	20	19.0	16.5	95	83	47-123	14	
Acetone	ug/L	ND	20	20	17.6	16.0	88	80	10-150	10	
Benzene	ug/L	ND	20	20	16.2	14.2	81	71	63-123	13	
Bromochloromethane	ug/L	ND	20	20	15.9	14.4	79	72	42-149	10	
Bromodichloromethane	ug/L	ND	20	20	16.7	14.9	84	74	55-127	12	
Bromoform	ug/L	ND	20	20	15.2	14.9	76	75	44-131	2	
Bromomethane	ug/L	ND	20	20	12.7	13.4	63	67	10-149	6	
Carbon disulfide	ug/L	ND	20	20	20.1	18.8	101	94	47-158	7	
Carbon tetrachloride	ug/L	ND	20	20	15.4	13.5	77	67	44-155	13	
Chlorobenzene	ug/L	ND	20	20	15.6	13.7	78	69	57-121	13	
Chloroethane	ug/L	ND	20	20	19.1	18.0	95	90	57-156	6	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 08015-000099.00
Pace Project No.: 30163621

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 980816 980817

Parameter	Units	30163621003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Chloroform	ug/L	ND	20	20	15.7	13.5	79	67	56-132	16	
Chloromethane	ug/L	ND	20	20	16.0	15.1	80	76	42-163	6	
cis-1,2-Dichloroethene	ug/L	ND	20	20	16.0	15.1	80	76	46-139	6	
cis-1,3-Dichloropropene	ug/L	ND	20	20	16.8	15.2	84	76	55-119	10	
Dibromochloromethane	ug/L	ND	20	20	16.1	15.4	80	77	52-129	4	
Ethylbenzene	ug/L	ND	20	20	17.0	14.8	85	74	70-120	14	
m&p-Xylene	ug/L	ND	40	40	34.0	29.7	85	74	70-123	13	
Methyl-tert-butyl ether	ug/L	ND	20	20	17.3	16.8	86	84	63-143	3	
Methylene Chloride	ug/L	ND	20	20	13.9	13.1	70	66	38-134	6	
o-Xylene	ug/L	ND	20	20	16.5	14.8	83	74	68-122	11	
Styrene	ug/L	ND	20	20	17.8	15.9	89	79	49-135	11	
Tetrachloroethene	ug/L	ND	20	20	16.5	15.4	83	77	53-125	7	
Toluene	ug/L	ND	20	20	16.9	15.0	84	74	66-124	12	
trans-1,2-Dichloroethene	ug/L	ND	20	20	15.2	14.0	76	70	52-136	8	
trans-1,3-Dichloropropene	ug/L	ND	20	20	17.4	16.0	87	80	54-118	9	
Trichloroethene	ug/L	ND	20	20	14.6	13.1	73	65	50-127	11	
Vinyl chloride	ug/L	ND	20	20	18.7	17.3	94	86	54-149	8	
Xylene (Total)	ug/L	ND	60	60	50.5	44.5	84	74	68-123	13	
1,2-Dichloroethane-d4 (S)	%						104	107	77-126		
4-Bromofluorobenzene (S)	%						102	103	81-119		
Dibromofluoromethane (S)	%						95	97	70-130		
Toluene-d8 (S)	%						99	94	84-115		

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REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 08015-000099.00
Pace Project No.: 30163621

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.

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.

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.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 08015-000099.00
Pace Project No.: 30163621

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
30163621001	**MW-1**	EPA 8260C	MSV/25592		
30163621002	**MW-2**	EPA 8260C	MSV/25592		
30163621003	**MW-2D**	EPA 8260C	MSV/25592		
30163621004	**MW-3**	EPA 8260C	MSV/25592		
30163621005	**MW-4**	EPA 8260C	MSV/25592		
30163621006	**MW-5**	EPA 8260C	MSV/25592		
30163621007	**MW-7**	EPA 8260C	MSV/25592		
30163621008	**MW-8**	EPA 8260C	MSV/25592		
30163621009	**MW-9**	EPA 8260C	MSV/25592		
30163621010	**MW-10**	EPA 8260C	MSV/25592		
30163621011	**MW-11**	EPA 8260C	MSV/25592		
30163621012	**MW-11D**	EPA 8260C	MSV/25592		
30163621013	**MW-13**	EPA 8260C	MSV/25592		
30163621014	**MW-14**	EPA 8260C	MSV/25592		
30163621015	**EB-1**	EPA 8260C	MSV/25592		
30163621016	**EB-2**	EPA 8260C	MSV/25592		
30163621017	**Trip Blank**	EPA 8260C	MSV/25592		

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 2

1878633

Section A Required Client Information:

Company: BVNA Tim McCann
Address: 540 S. Main St
Suite 2444, Akron, OH
Email To: tim.mccann@us.bureauveritas.com
Phone: 330-252-510 Fax: 330-252-5105
Requested Due Date/TAT: Normal

Section B Required Project Information:

Report To: Tim McCann
Copy To:
Purchase Order No.:
Project Name:
Project Number: 05015-000079.00

Section C Invoice Information:

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

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☑ OTHER NYSDEC

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED 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 VOCs SVOCs	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-1	WT	G			10/24/15	1145	3					X					X		001
2	MW-2					10/29/15	1005	3					X					X		002
3	MW-2A					10/29/15	1045	3					X					X		003
4	MW-3					10/29/15	0930	3					X					X		004
5	MW-4					10/28/15	1420	3					X					X		005
6	MW-5					10/28/15	1455	3					X					X		006
7	MW-7					10/29/15	0835	3					X					X		007
8	MW-8					10/28/15	1242	3					X					X		008
9	MW-9					10/28/15	1145	3					X					X		009
10	MW-10					10/28/15	1305	3					X					X		010
11	MW-11					10/29/15	1630	3					X					X		011
12	MW-11A					10/29/15	1215	3					X					X		012

* TCL - Target Compound List

30163621
Pace Project No./ Lab I.D.

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	TJM & MC / BVNA	10/29/15	420 pm		10/30/15	0945	4.4	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Timothy N. McCann
SIGNATURE of SAMPLER: T. N. McC
DATE Signed (MM/DD/YY): 10/29/15

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.

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

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 2 of 2

1878632

Section A Required Client Information:

Company:	BUNA - Tim McCann
Address:	
Email To:	tim.mccann@us.bureauveritas.com
Phone:	330-352-5100
Fax:	330-872-5105
Requested Due Date/TAT:	Normal

Section B Required Project Information:

Report To:	Tim McCann
Copy To:	
Purchase Order No.:	
Project Name:	
Project Number:	08015-000099.60

Section C Invoice Information:

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

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☒ OTHER NYSDEC

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 VOCs 8260	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-12	WT	G					3					X					X	(MS)	
2	MW-13					10/29/15	1110	3					X					X		03
3	MW-14					10/29/15	0900	3					X					X		04
4	EB-1					10/28/15	1650	3					X					X		05
5	EB-2					10/29/15	1225	3					X					X		06
6	Trip Blank					10/28/15	--	3					X					X		07
7																				07F 10/30/15
8																				
9																				
10																				
11																				
12																				

*TCL - Target Compound List

30163621 Pace Project No./ Lab I.D.

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	Timothy N. McCann / BUNA	10/29/15	420pm		10/30/15	0945	4.9	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Timothy N. McCann

SIGNATURE of SAMPLER: Timothy N. McCann DATE Signed (MM/DD/YY): 10/29/15

*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.

ORIGINAL

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

Sample Condition Upon Receipt

Pace Analytical

Client Name: BVNA

Project # 30163621

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

Tracking #: 774856789558

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no Biological Tissue is Frozen: Yes No

Packing Material: Bubble Wrap ___ Bubble Bags ___ None ___ Other foam

Thermometer Used 7 Type of Ice: (Wet) Blue None ☒ Samples on ice, cooling process has begun

Cooler Temp.: Observed Temp.: 4.0 °C Correction Factor: +0.4 °C Final Temp: 4.4 °C

Date and initials of person examining contents: AMM 10/30/15

Temp should be above freezing to 6°C

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☐Yes ☑No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: WT		
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	
exceptions: (VOA), coliform, TOC, O&G, Phenols	☑Yes ☐No	Initial when completed AMM / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	15.
Trip Blank Present:	☑Yes ☐No ☐N/A	16. not Pace TBs
Trip Blank Custody Seals Present	☐Yes ☑No ☐N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: Samantha Bayne **Date:** 11/3/15

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)

Pace Analytical

Project Number: 30163621

Client Name: BUNA

Item No.	Matrix Code	Glass Jar (120 / 250 / 500 / 1L)	Soil kit (2 SB, 1M, soil jar)	Chemistry (250 / 500 / 1L)	Organics (1L)	Nutrient (250 / 500)	Phenolics (250 ml)	TOC (40 ml / 250 ml)	TOX (250 ml)	Total Metals	Dissolved Metals preserved Y N	O & G (1L)	TPH (1L)	VOA (40 ml 30 ml)	Cyanide (250 ml)	Sulfide (500 ml)	Bacteria (120 ml)	Wipes / swipe/ smear/ filter	Radchem Nalgene (125 / 250 / 500 / 1L)	Radchem Nalgene (1/2 gal. / 1 gal.L)	Cubitainer (500 ml / 4L)	Ziploc	Other	Other
001	WT													3									
↓ 017	↓ WT													3									

SCURF Back (C016-4 15May2012).xls