February 18, 2020

Mr. Matt Thompson
Wisconsin Department of Natural Resources
Eau Claire Service Center
1300 West Clairemont Avenue
Eau Claire, Wisconsin 54701-6127

SUBMITTED ELECTRONICALLY

Re: **Groundwater and Vapor Data Transmittal – December 2019 Event**
Former Camelot Cleaners
1006 North 6th Street
Wausau, Wisconsin
BRRTS #02-37-551039
Terracon Project No. 58117011

Dear Mr. Thompson:

On behalf of Mr. Kurt Butz, Terracon Consultants, Inc. (Terracon) is submitting this *Groundwater and Vapor Data Transmittal* documenting groundwater sampling, sewer vapor assessment, and Soil Vapor Extraction (SVE) decommissioning performed in December 2019 at the former Camelot Cleaners property located at 1006 North 6th Street, Wausau, Wisconsin. The work was performed in general accordance with Terracon's Change Order Request #14 (Revised) dated November 8, 2019. The Wisconsin Department of Natural Resources (WDNR) approved the change order (Change Order #13) on November 13, 2019. The following sections include the supplemental investigative work performed in December 2019, and a request for WDNR concurrence that the site investigation/remedial action is complete, and that a Case Closure submittal can be submitted for WDNR consideration.

1.0 SUPPLEMENTAL SITE INVESTIGATION ACTIVITES

The following supplemental site investigation activities were conducted to help bring the site to closure. This work was performed in general accordance with Change Order Request #13 (Revised), dated November 8, 2019.

1.1 Groundwater Monitoring Well Reconnaissance

The groundwater monitoring wells were last sampled in April 2014; therefore, Terracon personnel visited the site on October 22, 2019, and evaluated the condition of the groundwater monitoring well network. A metal detector and a shovel were needed to find the following wells: MW-3, MW-4, MW-5, PZ-1, and PZ-2, as they were buried under approximately 2-inches of soil and/or gravel. In general, the groundwater monitoring well network was determined to be in good condition, and no major repairs were performed. The groundwater monitoring wells/piezometers locations are presented on Exhibit 1, Site Diagram.

1.2 Groundwater Monitoring Well/Piezometer Re-Development

On December 3, 2019, Terracon personnel visited the site to re-develop the groundwater monitoring well network. Upon arrival, static water level measurements and total well depth measurements were obtained and used to calculate the volume of water in the well and filter pack. Groundwater monitoring wells MW-1 through MW-5 were surged and bailed with a disposable bailer in accordance with NR 141, WAC. Approximately 25 gallons of water was removed from MW-1 through MW-5 until the water quality cleared. Piezometers PZ-1 and PZ-2 were pumped using a whale pump in accordance with NR 141, WAC. Approximately 50 gallons of water were removed from each piezometer. Development water was placed in labeled, 55-gallon drums for temporary on-site storage. The well development forms are attached.

1.3 Groundwater Monitoring Well/Piezometer Sampling

On December 19, 2019, Terracon personnel revisited the site and collected groundwater samples using low-flow sampling methods. Prior to sampling, the groundwater monitoring well expandable caps were opened, and groundwater allowed to equilibrate prior to the collection of static water levels. Static water levels were too deep to use a peristaltic pump; therefore, a whale pump, fitted with a flow controller was used to sample at low-flow conditions. Terracon personnel purged the monitoring wells prior to sampling. Natural attenuation field parameters including dissolved oxygen (DO), oxidation-reduction potential (ORP), specific conductance, pH, and temperature were measured using a water quality meter with a flow-through cell until stable readings were observed for each of the parameters. Generally, a goal of 3 consecutive readings within 10% taken a minimum of 5 minutes apart during purging is indicative that groundwater in the well has stabilized. Upon stabilization, a groundwater sample was collected from the monitoring wells/piezometers. Static water level measurements (Table 1) and groundwater sampling information sheets are attached.

The groundwater samples were submitted for laboratory analysis of VOCs using USEPA Method 8260B. The groundwater samples were collected in laboratory-supplied containers, placed in an ice chest to cool to approximately 4°C, and transferred under chain-of-custody protocol to a Wisconsin-certified laboratory for analysis. A duplicate and trip blank were also be submitted for laboratory analysis.

1.4 Investigative Derived Waste Disposal

Upon receipt of the analytical results, Terracon personnel arranged for the appropriate disposal of the investigative derived waste (IDW) generated during well development/purging. REI Engineering, Inc. (REI) picked up a total of six 55-gallon drums of non-hazardous water generated during the re-development and sampling activities. REI disposed of the drums at the local publicly owned treatment works (POTW). Disposal documentation is attached.

1.5 SVE System Decommissioning

During groundwater sampling activities on December 19, 2019, Terracon oversaw SGS Environmental Contracting LLC (SGS) remove the SVE system components and temporarily cap the lateral piping. After electrical components were disconnected, SGS used a back hoe to remove SVE system components housed in a shed. Four, 3-inch diameter schedule 40 polyvinyl chloride (PVC) SVE lateral piping were exposed after the SVE system components were removed. The PVC pipe was cut approximate 4-inches below grade and temporarily capped. Photographic documentation of the SVE removal is attached.

1.6 Sanitary Sewer Line Vapor Assessment

On December 20, 2019, Terracon collected a vapor sample from the sanitary sewer line running north/south beneath North 6th Street, which is adjacent to the site. The sample was collected from the air beneath a manhole (MH-1) which was located in the middle of 6th Street. Masterflex tubing was used to collect an air/vapor sample approximately 4 feet below the manhole cover. The sample was collected within a 6-liter summa canister with a flow controller calibrated for 30-mintue sample collection. The vapor sample was submitted for analytical testing of PCE, TCE, trans-DCE, cis-1,2-DCE, and VC using EPA Method TO-15. A vapor sampling sheet is attached.

2.0 SUPPLEMENTAL SITE INVESTIGATION RESULTS

2.1 Site Hydrogeology

On December 29, 2019, static groundwater levels were measured from on-site groundwater monitoring wells MW-1 through MW-5, and piezometers PZ-1 and PZ-2. Static groundwater levels ranged from a high of 30.41 (MW-3) to a low of 34.10 (MW-1) feet below the top of casing (TOC) in groundwater monitoring wells MW-1 through MW-5, with groundwater flow to the south at a horizontal hydraulic gradient of approximately 0.002 ft/ft. Static groundwater levels in piezometer PZ-1 were 30.09 and 32.29 feet below TOC, respectively.

Groundwater elevation data for groundwater monitoring well MW-5/piezometer PZ-2, and groundwater monitoring well MW-3/piezometer PZ-1 well nests were compared to determine the vertical gradient onsite. These data indicate that a downward vertical gradient exists at the well nests MW-3/PZ-1 and MW-5/PZ-2 at 0.008 ft/ft, and 0.004 ft/ft, respectively. By convention, the vertical gradient was evaluated using the difference in groundwater elevations divided by the difference in the midpoint elevation of the saturated screen in the monitoring well and the midpoint elevation of the screen in the piezometer. Water level data is summarized in the attached Table 1, and a groundwater contour map is attached as Exhibit 2.

2.2 Groundwater Analytical Results

The WDNR has established groundwater quality standards, which are set forth in NR 140, WAC. For each regulated compound, two standards have been established, the ES and the PAL. In general, if the regulated contaminant exceeds the PAL, but is below the ES, the WDNR may require additional investigation/continued monitoring. If the regulated contaminant is above its ES, the WDNR may require additional investigation, continued monitoring, and/or remediation. Historical groundwater laboratory analytical results are summarized in Table 2. The estimated extent of the dissolved-phase PCE plume at concentrations above the ES is depicted on the attached Exhibit 3.

Chloroform, 1,1,1-trichloroethane, and PCE were the only VOCs detected at concentrations above analytical limits of detection (LOD). Of the 7 monitoring well/piezometers sampled, 3 of the 7 (MW-1, MW-5, and PZ-2) did not have detections of VOCs at concentrations above their analytical LOD. PAL exceedances occurred at MW-3 (chloroform) and PZ-1 (PCE). The only ES exceedance occurred at the off-site groundwater monitoring well MW-4, which contained PCE at a concentration of 5.7 µg/L which is slightly above its ES of 5 µg/L. Groundwater laboratory analytical reports are attached.

2.3 Vapor Analytical Results

The WDNR has developed indoor VALs based on November 2017 USEPA screening level tables, applying a 1×10^{-5} excess lifetime cancer risk. The WDNR has also developed VRSLs by applying an attenuation factor of 0.03 (for sub-slab vapor and soil gas) to the VALs for residential/small commercial building VRSLs. An attenuation factor of 0.03 (for sub-slab vapor and soil gas) was used to compute VRSLs for small commercial buildings.

Since the last vapor investigation in 2015, the WDNR's vapor guidance documents and the VALs and VRSLs have changed. Current VRSLs and VALs were applied to historic data which is presented in the attached Table 3. For sub-slab vapor data collected in 2015, vapor monitoring points VP-1, VP-3 and VP-3 exceed applicable small commercial building sub-slab VRSLs for PCE. However, ambient air samples collected in 2015 did not contain PCE at concentrations above its small commercial building indoor air VAL.

PCE was the only compound detected at concentrations above the analytical LOD in the vapor sample collected from the sanitary sewer beneath 6th Street. PCE was detected at 13.7 micrograms per cubic meters (µg/m^3), which is well below the most stringent, residential indoor air VAL. Vapor laboratory analytical reports are attached.

3.0 SUMMARY AND RECOMMENDATIONS

The historical groundwater analytical results show decreases in PCE concentrations in the groundwater monitoring wells which have had detections. Groundwater monitoring well MW-4 contained PCE at a concentration slightly above its ES in the December 2019 sampling event; however, the concentration has significantly decreased from its historical high in 2009. Further, piezometer PZ-1 contained PCE at a concentration slightly above its PAL, but the concentration is much lower than its historical high detection in 2014. Groundwater from piezometer PZ-2 did not contain PCE at concentrations above its LOD.

The WDNR requested that Terracon assess the sanitary sewer line as a potential vapor migration pathway. The vapor sample collected from the sanitary sewer beneath North 6th Street contained PCE at a concentration well below the most stringent, residential indoor air VAL.

Based on the supplemental site investigation activities and remediation performed to date, Terracon requests WDNR concurrence that the subsurface investigation/remedial action is complete, and that a Case Closure request, using WDNR Form 4400-202 is appropriate. Upon WDNR concurrence, Terracon will prepare a change order to complete the Remedial Action Report and Case Closure submittal.

We look forward to receiving your letter of concurrence. Please contact us with any questions regarding this request.

Sincerely,

Timothy P. Welch, P.G.
Environmental Department Manager

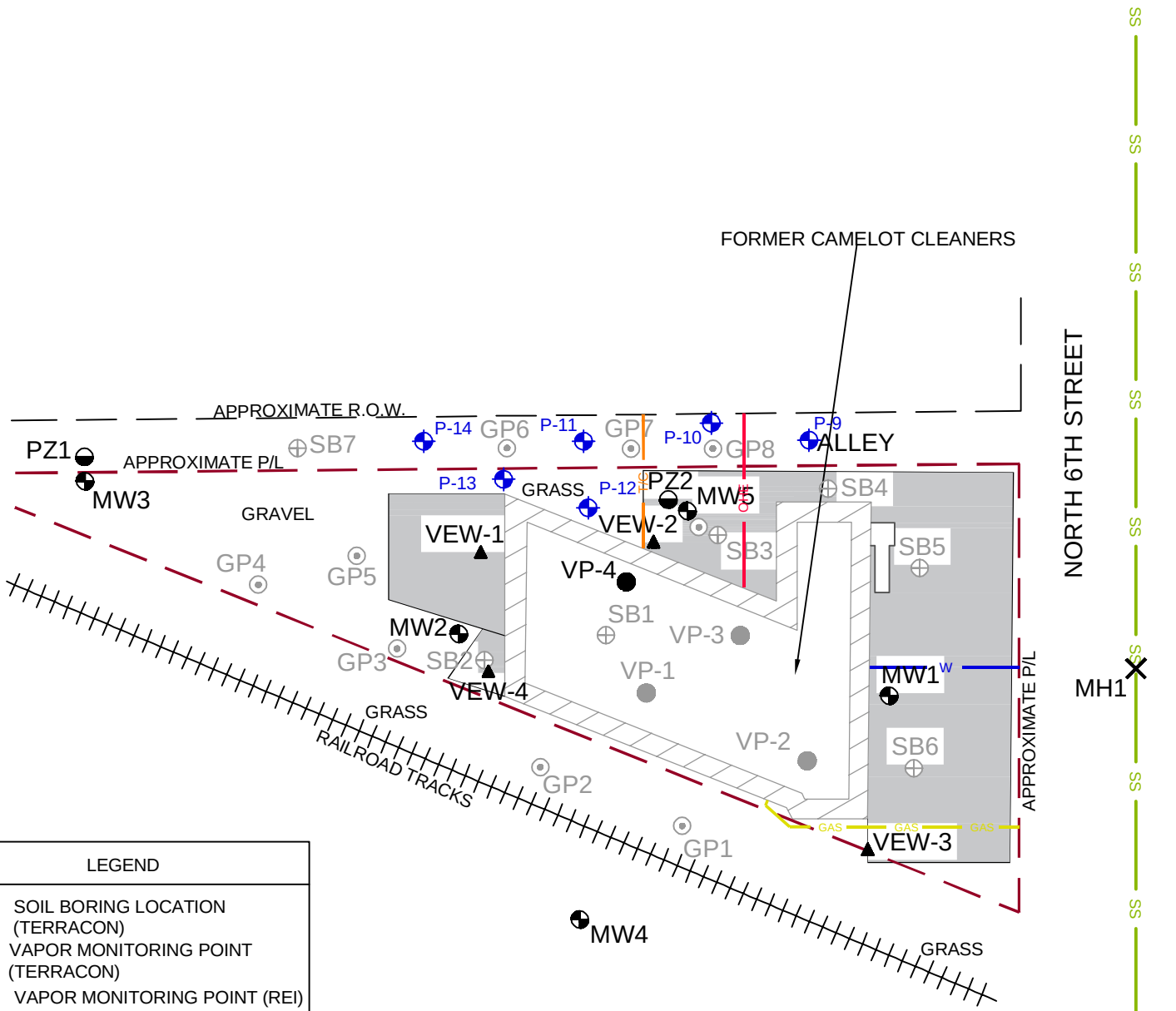
Edmund A. Buc, CHMM, P.E.
Senior Engineer

Attachment: Exhibit 1 – Site Diagram
Exhibit 2 – Groundwater Contour Map (12/19/2019)
Exhibit 3 – Groundwater Quality Map (12/19/2019)
Table 1 – Groundwater Elevation Summary Table
Table 2 – Groundwater Analytical Results Summary for Detected VOCs
Table 3 – Sub-slab Vapor & Ambient Air Analytical Test Results Summary for Volatile Organic Compounds
Well Development Forms

Groundwater Sampling Sheets
Vapor Sampling Sheet
Laboratory Analytical Report and Chain-of-Custodies
SVE Decommissioning Photographs
Special Discharge Form

LPC/TPW/EAB:lpc/\\P58WFS01\Data\Projects\2011\58117011\PROJECT DOCUMENTS (Reports-Letters-Drafts to Clients)\58117011_Data Transmittal Dec 2019.doc

Copy to: Mr. Kurt Butz (Electronically)
File



LEGEND

- SOIL BORING LOCATION (TERRACON)
- VAPOR MONITORING POINT (TERRACON)
- VAPOR MONITORING POINT (REI)
- GEOPROBE SOIL BORING (REI)
- PIEZOMETER (REI)
- GROUNDWATER MONITORING WELL (REI)
- SOIL BORING (REI)
- VAPOR EXTRACTION WELL (TERRACON)
- MANHOLE VAPOR MONITORING POINT
- SANITARY SEWER
- WATER LINE
- NATURAL GAS LINE
- OVERHEAD ELECTRIC
- CABLE LINE

40 0 40

APPROXIMATE SCALE: 1" = 40'

DIAGRAM IS FOR GENERAL LOCATION ONLY AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

NOTE: BASE MAP - PCE IN SOIL FIGURE CREATED BY REI ENGINEERING, INC. (10/8/09) MODIFIED BY TERRACON JULY 2011

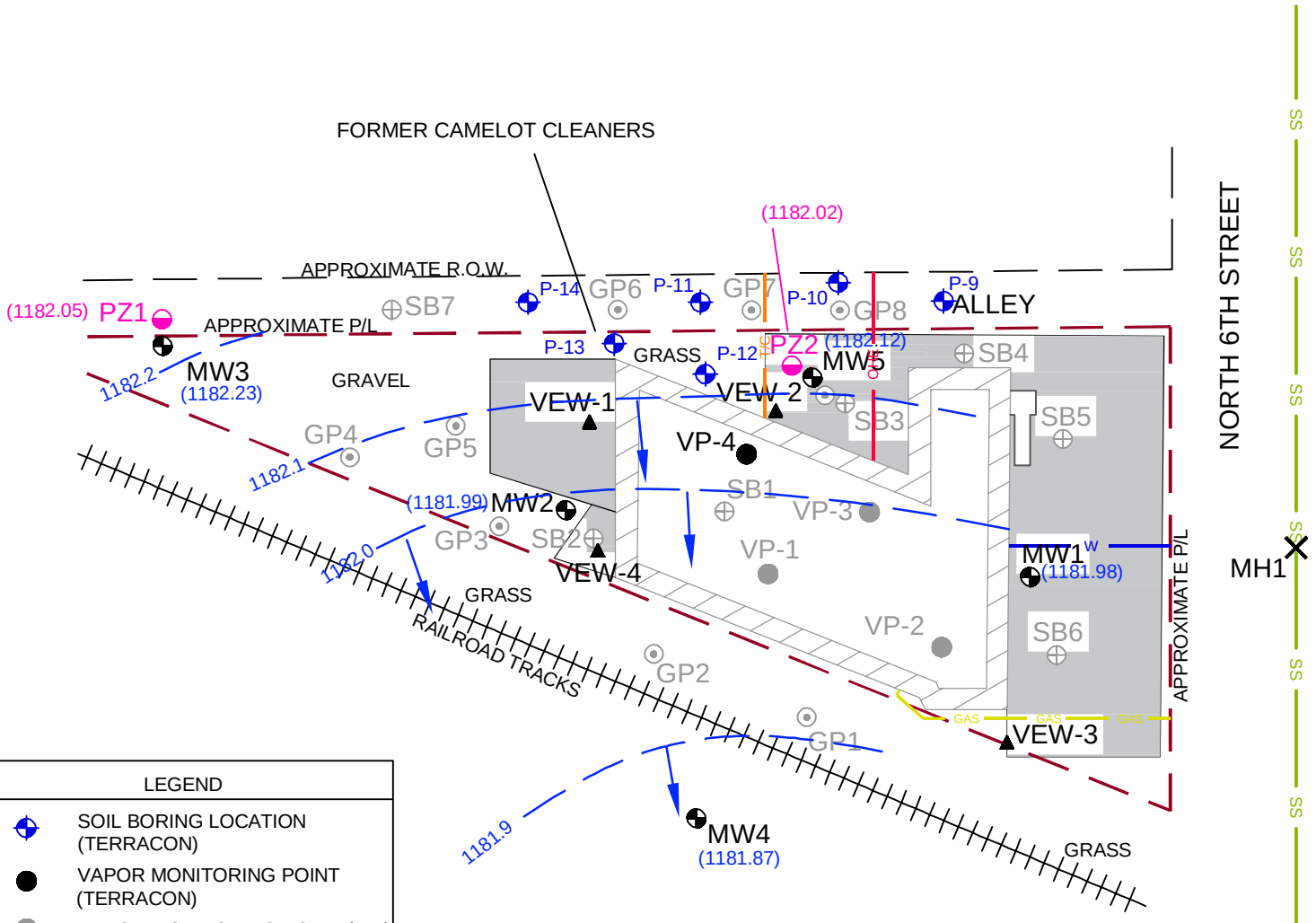
Project Mngr:	TPW
Drawn By:	AGC\KEK
Checked By:	TPW
Approved By:	TPW
Project No.	58117011
Scale:	AS SHOWN
File No.	58117011 SP
Date:	12/23/14

Terracon
Consulting Engineers and Scientists
9856 SOUTH 57th STREET FRANKLIN, WI 53132
PH. (414) 423-0255 FAX. (414) 423-0566

SITE DIAGRAM

FORMER CAMELOT CLEANERS
1006 NORTH 6th STREET
WAUSAU WISCONSIN

EXHIBIT 1



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- VAPOR MONITORING POINT (TERRACON)
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- GEOPROBE SOIL BORING (REI)
- PIEZOMETER (REI)
- GROUNDWATER MONITORING WELL (REI)
- SOIL BORING (REI)
- VAPOR EXTRACTION WELL (TERRACON)
- MANHOLE VAPOR MONITORING POINT
- SANITARY SEWER
- WATER LINE
- NATURAL GAS LINE
- OVERHEAD ELECTRIC
- CABLE LINE
- GW CONTOURS (DASHED WHERE INFERRED) CONTOUR INTERVAL: 0.10'
- GW FLOW DIRECTION
- (1182.2) GW ELEVATIONS

40 0 40

APPROXIMATE SCALE: 1" = 40'

PZ-1 AND PZ-2 WERE NOT USED TO CREATE THIS GROUNDWATER CONTOUR MAP THE GROUNDWATER CONTOURS DEPICTED ARE BASED ON INTERPOLATION AND EXTRAPOLATION OF STATIC WATER LEVELS COLLECTED ON DECEMBER 19, 2019 FROM THE GROUNDWATER MONITORING WELLS. ACTUAL CONDITIONS MAY VARY.

N

DIAGRAM IS FOR GENERAL LOCATION ONLY AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

NOTE: BASE MAP - PCE IN SOIL FIGURE CREATED BY REI ENGINEERING, INC. (10/8/09) MODIFIED BY TERRACON JULY 2011

Project Mngr:	TPW
Drawn By:	AGC\KEK
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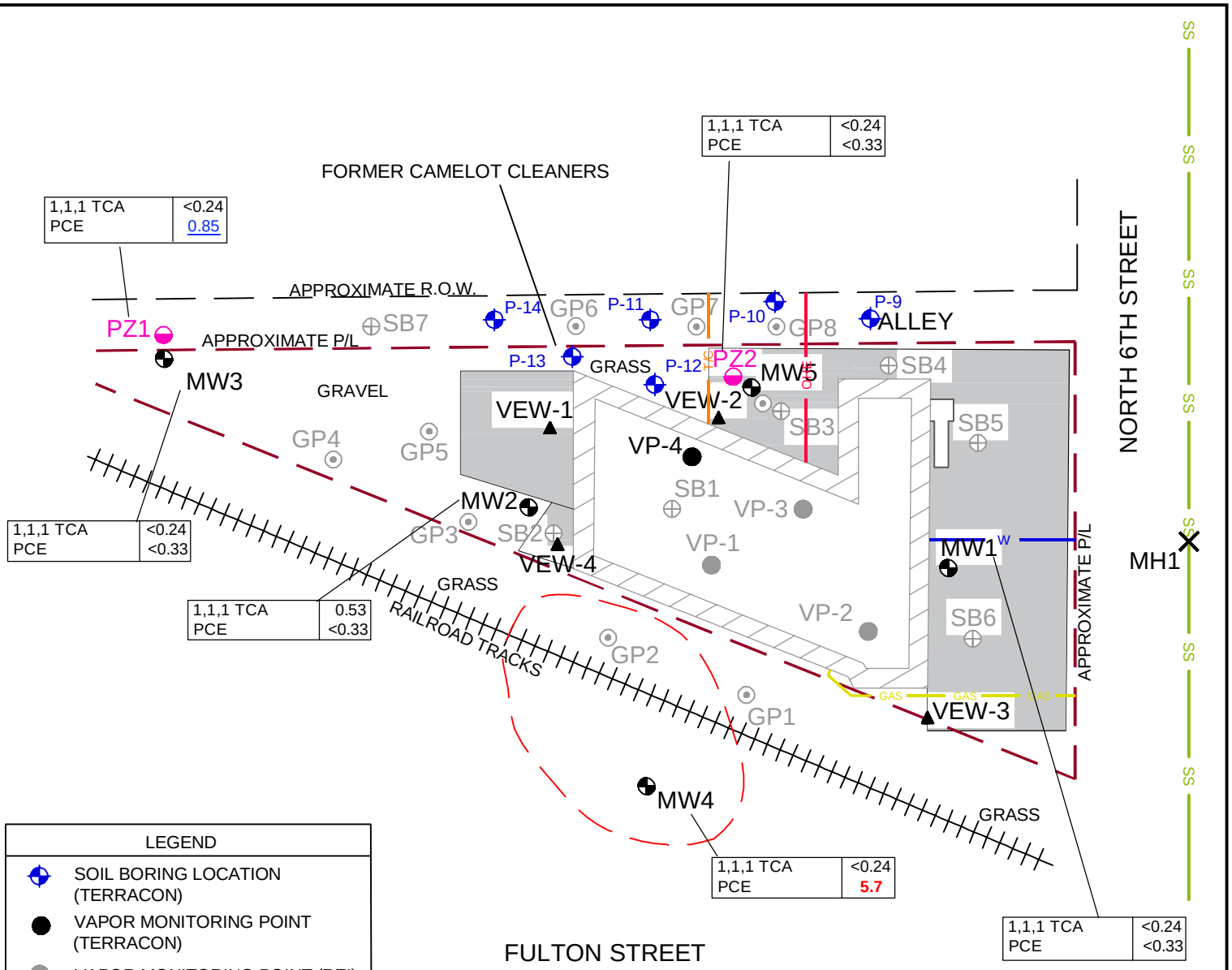
GROUNDWATER CONTOUR MAP (12/19/2019)

FORMER CAMELOT CLEANERS
1006 NORTH 6th STREET
WAUSAU WISCONSIN

FIGURE 2



LEGEND

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- VAPOR MONITORING POINT (REI)
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- SOIL BORING (REI)
- VAPOR EXTRACTION WELL (TERRACON)
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- NATURAL GAS LINE
- OVERHEAD ELECTRIC
- CABLE LINE

ESTIMATED EXTENT OF DISSOLVED PHASE PCE PLUME AT CONCENTRATIONS ABOVE NR 140, WAC, ENFORCEMENT STANDARD

ITALIC, UNDERLINED AND BLUE = EXCEEDS NR 140, WAC PREVENTIVE ACTION LIMIT

BOLD AND RED = EXCEEDS NR 140, WAC, ENFORCEMENT STANDARD

ANALYTE | CONCENTRATION

1,1,1 TCA = TRICHLOROETHENE

PCE = TETRACHLOROETHENE

RESULTS EXPRESSED IN MICROGRAMS PER LITER (µg/L)

40 0 40

APPROXIMATE SCALE: 1" = 40'

THE ESTIMATED EXTENT OF SOIL CONTAMINATION ABOVE SOIL TO GROUNDWATER RESIDUAL CONTAMINANT LEVELS IS BASED UPON INTERPOLATION AND EXTRAPOLATION OF DATA POINTS. ACTUAL CONDITIONS MAY VARY.

DIAGRAM IS FOR GENERAL LOCATION ONLY AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

NOTE: BASE MAP - PCE IN SOIL FIGURE CREATED BY REI ENGINEERING, INC. (10/8/09) MODIFIED BY TERRACON JULY 2011

Project Mngr: TPW	Project No. 58117011	Terracon Consulting Engineers and Scientists	GROUNDWATER QUALITY MAP (12/19/19)
Drawn By: AGC\KEK	Scale: AS SHOWN	9856 SOUTH 57th STREET FRANKLIN, WI 53132	FORMER CAMELOT CLEANERS
Checked By: TPW	File No. 58117011 SP	PH. (414) 423-0255 FAX. (414) 423-0566	1006 NORTH 6th STREET
Approved By: TPW	Date: 02/2020		WAUSAU WISCONSIN

FIGURE 3

Table 1
Groundwater Elevation Summary Table
Former Camelot Cleaners
1006 North 6th Street
Wausau, Wisconsin
Terracon Project No. 58117011

Measured Location	Date	Ground Surface Elevation	Top of Riser Pipe Elevation	Depth (from Top of Riser Pipe) to Groundwater	Water Table Elevation
MW-1	7/15/2009	1216.69	1216.08	33.82	1182.26
	4/28/2011			33.33	1182.75
	8/21/2012			33.83	1182.25
	6/26/2013			33.20	1182.88
	10/3/2013			33.30	1182.78
	4/29/2014			33.81	1182.27
	5/28/2014			33.31	1182.77
	12/19/2019			34.10	1181.98
MW-2	7/15/2009	1214.99	1214.45	32.14	1182.31
	4/28/2011			31.70	1182.75
	8/21/2012			32.18	1182.27
	6/26/2013			31.57	1182.88
	10/3/2013			31.67	1182.78
	4/29/2014			32.14	1182.31
	5/28/2014			32.66	1181.79
	12/19/2019			32.46	1181.99
MW-3	7/15/2009	1213.09	1212.64	30.27	1182.37
	4/28/2011			29.81	1182.83
	8/21/2012			30.31	1182.33
	6/26/2013			29.70	1182.94
	10/3/2013			29.82	1182.82
	4/29/2014			30.27	1182.37
	5/28/2014			29.80	1182.84
	12/19/2019			30.41	1182.23
MW-4	7/15/2009	1215.56	1215.02	32.85	1182.17
	4/28/2011			32.39	1182.63
	8/21/2012			32.89	1182.13
	6/26/2013			32.28	1182.74
	10/3/2013			32.38	1182.64
	4/29/2014			32.85	1182.17
	5/28/2014			32.38	1182.64
	12/19/2019			33.15	1181.87
MW-5	7/15/2009	1215.53	1214.97	32.52	1182.45
	4/28/2011			32.13	1182.84
	8/21/2012			32.64	1182.33
	6/26/2013			32.01	1182.96
	10/3/2013			29.82	1185.15
	4/29/2014			32.59	1182.38
	5/28/2014			32.11	1182.86
	12/19/2019			32.85	1182.12
PZ-1	7/15/2009	1212.56	1212.14	29.74	1182.40
	4/28/2011			29.28	1182.86
	8/21/2012			29.78	1182.36
	10/3/2013			29.29	1182.85
	4/29/2014			29.73	1182.41
	5/28/2014			29.25	1182.89
	12/19/2019			30.09	1182.05
PZ-2	7/15/2009	1215.53	1214.94	32.57	1182.37
	4/28/2011			32.11	1182.83
	8/21/2012			32.61	1182.33
	10/3/2013			32.10	1182.84
	4/29/2014			32.57	1182.37
	5/28/2014			32.08	1182.86
	12/19/2019			32.92	1182.02

Ground surface and top of casing elevations from REI Engineering, Inc.: Table 3 (10/8/09)

Table 2
Groundwater Analytical Results Summary for Detected VOCs
Former Camelot Cleaners
1006 North 6th Street
Wausau, Wisconsin
Terracon Project No. 58117011

		Volatile Organic Compounds			
Sample ID	**Sample Date**	Chloroform	1,1,1 - Trichloroethane	Methylene Chloride	Tetrachloroethene (PCE)
MW-1	7/15/2009	0.86	--	--	4.61
	4/29/2011	1.3	<0.50	<1.0	<0.50
	10/3/2013	0.7	<0.44	<0.36	<0.47
	4/29/2014	<2.5	<0.50	<0.23	<0.50
	12/19/2019	<1.3	<0.24	<0.58	<0.33
MW-2	7/15/2009	0.32	--	--	**6.08**
	4/29/2011	<0.20	<0.50	<1.0	0.60
	10/3/2013	<0.69	<0.44	<0.36	<0.47
	4/29/2014	<2.5	<0.50	<0.23	<0.50
	12/19/2019	<1.3	0.53	<0.58	<0.33
MW-3	7/15/2009	<0.20	--	--	**8.71**
	4/29/2011	<0.20	<0.50	<1.0	<0.50
	10/3/2013	<0.69	<0.44	<0.36	0.54
	4/29/2014	<2.5	<0.50	<0.23	<0.50
	12/19/2019	1.5J	<0.24	<0.58	<0.33
MW-4	7/15/2009	0.98	--	--	**112**
MW-4	4/29/2011	<0.20	<0.50	<1.0	**11**
BD-1	4/29/2011	<0.20	<0.50	<1.0	**9.4**
MW-4	10/3/2013	<0.69	<0.44	<0.36	<0.47
MW-4	4/29/2014	<2.5	<0.50	<0.23	<0.50
BD-1	4/29/2014	<2.5	<0.50	<0.23	<0.50
MW-4	12/19/2019	<1.3	<0.24	<0.58	**5.7**
MW-5	7/15/2009	<0.20	--	--	2.38
	4/29/2011	<0.20	<0.50	<1.0	<0.50
	10/3/2013	<0.69	<0.44	<0.36	<0.47
	4/29/2014	<2.5	<0.50	<0.23	<0.50
	4/29/2014	<1.3	<0.24	<0.58	<0.33
PZ-1	7/15/2009	0.21	--	--	**49.8**
	4/29/2011	<0.20	<0.50	<1.0	**50.0**
	10/3/2013	<0.69	<0.44	<0.36	**15.8**
	4/29/2014	<2.5	<0.50	<0.23	**58.1**
DUP#1	12/19/2019	<1.3	<0.24	<0.58	0.60J
PZ-1	12/19/2019	<1.3	<0.24	<0.58	0.85J
PZ-2	7/15/2009	4.87	--	--	0.90
	4/29/2011	3.5	<0.50	<1.0	<0.50
	10/3/2013	<0.69	<0.44	<0.36	<0.47
	4/29/2014	<2.5	<0.50	0.23	0.51
	12/19/2019	<1.3	<0.24	<0.58	<0.33
NR 140, WAC, PAL[1]		0.6	40	0.5	0.5
NR 140, WAC, ES[2]		**6**	**200**	**5**	**5**

Notes:
Only detected analytes are listed on the table
[1]NR 140, Wisconsin Administrative Code, Preventive Action Limit (PAL), Register, January, 2020
[2]NR 140, Wisconsin Administrative Code, Enforcement Standard (ES), Register, January, 2020
7/15/2009 Data is from REI Engineering Site Investigation Report
BD-1 is a blind duplicate for MW-4
DUP#1 is a blind duplicate for PZ-1
Underlined = Exceeds NR 140 PAL
Bold = Exceeds NR 140 ES
Results expressed in micrograms per liter (ug/L)
J = Estimated concentration at or above the limit of detection and below the limit of quantitation

Table 3
Sub-Slab Vapor & Ambient Air Analytical Test Results Summary for Volatile Organic Compounds
Detected Compounds Only
Former Camelot Cleaners
1006 North 6th Street
Wausau, Wisconsin
Terracon Project No. 58117011

				Volatile Organic Compounds (VOCs)																							
				Acetone	Benzene	2-Butanone (MEK)	Chloroform	Chloromethane	Cyclohexane	Dichlorodifluoromethane	cis-1,2 Dichloroethene	trans-1,2,-dichloroethene	Ethanol	Ethylbenzene	n-Heptane	n-Hexane	Methylene Chloride	4-Methyl-2-pentanone (MIBK)	Propylene	Tetrachloroethene	Tetrahydrofuran	Toluene	1,1,1-Trichloroethane	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylebenzene	Vinyl Chloride	m&p-Xylene	o-Xylene
Sample ID	**Sample Date**	**Sample Type**	**Units**																									
VP-1	7/7/2010	sub-slab	µg/m^3	<15.2	<20.5	<19.0	<31.3	<13.3	<21.5	<31.6	<25.6	--	--	45.7	<26.2	<22.8	25.9	<26.2	30.2	310,000	<19.0	55.4	<34.8	52.0	<34.8	<79.0	<16.4	89.5	<27.8
	4/29/2011	sub-slab	µg/m^3	--	<22,000	--	<33,000	<35,000	--	<34,000	<27,000	--	--	<30,000	--	--	<59,000	--	--	3,600,000	--	<26,000	<37,000	<37,000	<38,000	<34,000	<18,000	<30,000	<30,000
	10/10/2012	sub-slab	µg/m^3	<79.8	<54.0	<99.7	<164	<69.8	<116	<287	<135	--	108	<146	<138	<120	<118	<138	<58.2	6,400	<99.7	<128	<184	<91.4	<189	<166	<43.2	<292	<146
	6/25/2013	sub-slab	µg/m^3	<79.8	<54.0	<99.7	<164	<69.8	<116	<287	2.7	--	108	<146	<138	<120	<118	<138	<58.2	40.4	<99.7	<128	<184	41.0	<189	<166	<43.2	<292	<146
	1/22/2014	sub-slab	µg/m^3	--	--	--	--	--	--	--	2.5	--	--	--	--	--	--	--	--	6,580	--	--	--	38.8	--	--	--	--	--
	11/21/2014	sub-slab	µg/m^3	--	--	--	--	--	--	--	109	--	--	--	--	--	--	--	--	1,190	--	--	--	19.5	--	--	<0.16	--	--
	1/20/2015	sub-slab	µg/m^3	--	--	--	--	--	--	--	0.72	<0.26	--	--	--	--	--	--	--	3,370	--	--	--	11.0	--	--	<0.15	--	--
	12/30/2015	sub-slab	µg/m^3	--	--	--	--	--	--	--	2.7	<0.65	--	--	--	--	--	--	--	45,700	--	--	--	173	--	--	<0.33	--	--
VP-2	7/7/2010	sub-slab	µg/m^3	<14.8	23.1	<18.5	136.0	<12.9	<20.9	<30.8	27.0	--	--	44.3	<25.6	<22.2	77.4	<25.6	<10.8	22,200,000	<18.5	48.7	484	4,010	<33.9	<77.0	<16.0	77.8	<27.1
	4/29/2011	sub-slab	µg/m^3	--	<0.64	--	<0.98	1.9	--	2.8	0.79	--	--	0.87	--	--	27	--	--	220	--	0.75	<1.1	<1.1	1.1	<0.98	<0.51	1.3	<0.87
	10/10/2012	sub-slab	µg/m^3	37.3	0.90	4.5	<1.5	<0.63	1.9	<1.5	<1.2	--	72.9	2.0	<1.2	2.7	<1.1	<1.2	<0.52	<1.0	<0.89	4.9	<1.7	<0.82	<1.7	3.1	<0.39	5.7	1.9
		INACCESSIBLE																											
VP-3	7/7/2010	sub-slab	µg/m^3	<14.8	<20.0	<18.5	52.2	<12.9	<20.9	<30.8	965.0	--	--	47.0	<25.6	<22.2	128	<25.6	<10.8	31,100,000	<18.5	81.8	96.8	1,340	<33.9	<77.0	<21.9	97.2	28.1
	4/29/2011	sub-slab	µg/m^3	--	<3.2	--	<4.9	<5.2	--	<4.9	<4.0	--	--	<4.3	--	--	100	--	--	410	--	15	<5.5	<5.4	<5.6	<4.9	<2.6	5.8	<4.3
	10/10/2012	sub-slab	µg/m^3	10.6	<0.52	2.1	<1.6	<0.68	1.9	<1.6	<1.3	--	17.6	<1.4	5.0	3.6	<1.1	<1.3	<0.56	7.1	<0.97	6.4	<1.8	<0.89	<1.8	2.3	<0.42	<2.8	<1.4
	1/20/2015	sub-slab	µg/m^3	--	--	--	--	--	--	--	<0.30	<0.25	--	--	--	--	--	--	--	2.7	--	--	--	<0.28	--	--	<0.14	--	--
	12/30/2015	sub-slab	µg/m^3	--	--	--	--	--	--	--	3.1	<0.70	--	--	--	--	--	--	--	20,700	--	--	--	19.9	--	--	<0.36	--	--
VP-4	1/20/2015	sub-slab	µg/m^3	--	--	--	--	--	--	--	<0.30	<0.25	--	--	--	--	--	--	--	<0.29	--	--	--	<0.28	--	--	<0.14	--	--
	12/30/2015	sub-slab	µg/m^3	--	--	--	--	--	--	--	<0.45	<0.70	--	--	--	--	--	--	--	85,200	--	--	--	57.1	--	--	<0.36	--	--
AAS-1	9/20/2010	ambient air	µg/m^3	20.3	2.5	4.8	<1.4	1.5	3.3	2.5	<1.2	--	--	2.8	4.3	2.5	18.6	4.4	4.8	160	<0.86	14.3	<1.6	<1.6	<1.6	4.9	<0.74	8.7	2.9
AAS-2	9/20/2010	ambient air	µg/m^3	9.5	1.4	3.5	<1.3	1.2	1.8	2.9	<1.1	--	--	1.3	1.5	1.4	1.9	1.5	4.3	119	<0.80	7.5	<1.5	<1.5	<1.5	<3.4	<0.70	5.5	1.7
AAS-3	9/20/2010	ambient air	µg/m^3	11.4	1.5	3.3	<1.3	1.1	2.2	3.1	<1.1	--	--	<1.2	1.3	21.1	89.0	1.3	2.3	114	2.7	9.5	<1.5	<1.5	1.5	<3.4	<0.70	4.5	1.4
AAS-4	9/20/2010	ambient air	µg/m^3	13.2	1.9	24.8	<1.4	1.5	4.7	3.5	<1.2	--	--	1.9	3.7	2.4	5.2	3.6	2.9	**488**	7.8	95.5	<1.6	<1.6	<1.6	<3.6	<0.74	8.0	2.1
AAS-5	9/20/2010	ambient air	µg/m^3	6.4	<0.93	2.2	<1.4	0.94	<0.97	2.8	5.0	--	--	<1.3	<1.2	1.1	<1.0	<1.2	<0.50	32.7	<0.86	4.4	<1.6	2.2	<1.6	<3.6	**6.0**	3.2	<1.3
Indoor Ambient	4/29/2011	ambient air	µg/m^3	--	<2.6	--	<3.9	<4.1	--	<4.0	<3.2	--	--	<3.5	--	--	31	--	--	**310**	--	8.5	<4.4	<4.3	<4.5	<3.9	<2.0	3.6	<3.5
Indoor Ambient	10/10/2012	ambient air	µg/m^3	6.6	1.1	<0.93	<1.5	<0.65	<1.1	<1.6	<1.3	--	41.8	<1.4	<1.3	3.2	<1.1	<1.3	<0.54	1.4	<0.93	6.4	<1.7	<0.85	<1.8	2.4	<0.40	<2.7	<1.4
Ambient	6/25/2013	ambient air	µg/m^3	--	--	--	--	--	--	--	<1.4	--	--	--	--	--	--	--	--	14.6	--	--	--	1.6	--	--	<0.46	--	--
A-1	1/20/2015	ambient air	µg/m^3	--	--	--	--	--	--	--	<0.46	<0.39	--	--	--	--	--	--	--	6.8	--	--	--	<0.42	--	--	<0.22	--	--
	12/30/2015	ambient air	µg/m^3	--	--	--	--	--	--	--	<0.37	<0.57	--	--	--	--	--	--	--	31.2	--	--	--	<0.41	--	--	<0.29	--	--
AB-1	1/20/2015	ambient air	µg/m^3	--	--	--	--	--	--	--	<0.46	<0.39	--	--	--	--	--	--	--	21.6	--	--	--	<0.42	--	--	<0.22	--	--
	12/30/2015	ambient air	µg/m^3	--	--	--	--	--	--	--	<0.38	<0.60	--	--	--	--	--	--	--	144	--	--	--	<0.43	--	--	<0.30	--	--
Outdoor Air	4/29/2011	ambient air	µg/m^3	--	0.64	--	<0.98	1.8	--	2.9	<0.79	--	--	<0.87	--	--	<1.7	--	--	<1.4	--	1.1	<1.1	<1.1	1.5	<0.98	<0.51	<0.87	<0.87
MH-1	12/19/2019	manhole	µg/m^3	--	--	--	--	--	--	--	<0.39	<0.51	--	--	--	--	--	--	--	13.7	--	--	--	<0.45	--	--	<0.23	--	--
Residential Indoor Air VAL [1]			µg/m^3	**32,200**	**3.6**	**5,210**	**1.2**	**94**	**6,260**	**100**	--	--	--	**11**	**417**	**730**	**630**	**3,130**	**3,130**	**42**	**2,090**	**5,200**	**5,200**	**2.1**	--	**63**	**1.7**	**100**	**100**
Residential Sub-slab Vapor/Soil Gas VRSL [2]			µg/m^3	1,073,333	120	173,667	40	3,100	208,667	3,300	--	--	--	370	13,900	24,333	21,000	104,000	104,000	1,400	69,600	170,000	170,000	70	--	2,100	57	3,300	3,300
Small Commercial Building Indoor Air VAL [1]			µg/m^3	**135,000**	**16**	**21,900**	**5.3**	**390**	**26,300**	**440**	--	--	--	**49**	**1,750**	**3,070**	**2,600**	**13,100**	**13,100**	**180**	**8,760**	**22,000**	**22,000**	**8.8**	--	**260**	**28**	**440**	**440**
Small Commercial Building Sub-slab Vapor/Soil Gas VRSL [2]			µg/m^3	4,500,000	530	730,000	180	13,000	876,667	15,000	--	--	--	1,600	58,333	102,333	87,000	436,600	436,600	6,000	292,000	730,000	730,000	290	--	8,700	930	15,000	15,000
Large Commercial/Industrial Building Indoor Air VAL [1]			µg/m^3	**135,000**	**16**	**21,900**	**5.3**	**390**	**26,300**	**440**	--	--	--	**49**	**1,750**	**3,070**	**2,600**	**13,100**	**13,100**	**180**	**8,760**	**22,000**	**22,000**	**8.8**	--	**230**	**28**	**4440**	**4440**
Large Commercial/Industrial Building Sub-slab Vapor/Soil Gas VRSL [3]			µg/m^3	13,500,000	1,600	219,000	530	39,000	2,630,000	44,000	--	--	--	4,900	17,500	30,700	260,000	1,310,000	1,310,000	18,000	876,000	2,200,000	2,200,000	880	--	26,000	2,800	44,000	44,000

Notes:

µg/m3 = micrograms per cubic meter

A-1 = Indoor ambient air sample from first floor
AB-1 = Indoor air sample from basement
" < " Indicates not detected above listed limit of detection (LOD)
" -- " Indicates not analyzed

[1] VALs are shown for information only and do not apply to sub-slab results. VAL given as the lesser of 1:100,000 lifetime cancer risk or noncancer hazard index of 1 value in generic U.S EPA Tables at the web address: http://www.epa.gov/re3hwmd/risk/human/rb-concentratio_table/Generic_Tables/index.htm and modifed for Wisconsin Vapor Intrusion Guildance PUB-RR-800 lifetime cancer risk (1:100,000) (Nov 2017)

[2] VRSL is the VAL adjusted for sub-slab vapor to indoor air by applying an attenuation factor of 0.03 for comparison with the analytical results.

[3] VRSL is the VAL adjusted for sub-slab vapor to indoor air by applying an attenuation factor of 0.01 for comparison with analytical results.

Blue Shaded values indicate exceedance of applicable residential VRSLs (sub-slab)
Grey Shaded values indicate exceedance of applicable small commercial VRSLs (sub-slab)
Orange Shaded values indicate exceedance of applicable Large commercial building VRSLs (sub-slab)
BOLD TYPE = Values indicate EPA non-residential Vapor Action Level exceedance

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☐ Other ☐ _____

Facility/Project Name	County Name	Well Name
Former Camelot Cleaners	Marathon	MW-1

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	37	_____	___

1. Can this well be purged dry? ☐ Yes ☒ No

2. Well development method

surged with bailer and bailed	☒ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐ [illegible]

3. Time spent developing well 40 min.

4. Depth of well (from top of well casisng) 40 ft.

5. Inside diameter of well 2 in.

6. Volume of water in filter pack and well casing 4.3 gal.

7. Volume of water removed from well 25 gal.

8. Volume of water added (if any) 0 gal.

9. Source of water added NA

10. Analysis performed on water added? (If yes, attach results) ☐ Yes ☒ No

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 34.1 ft.	36.1 ft.
Date	b. 12/3/2019 (m m d d y y y y)	12/3/2019 (m m d d y y y y)
Time	c. 13 00 ☐ a.m. ☐ p.m.	13 40 ☐ a.m. ☐ p.m.
12. Sediment in well bottom	0 0 inches	0 0 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15	Clear ☒ 20 Turbid ☐ 25
(Describe)	turbid for ~ 10 gallons	clear-slight turbid

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	NA mg/l	NA mg/l
15. COD	NA mg/l	NA mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Lucas Last Name: Chabela
Firm: Terracon Consultants

17. Additional comments on development:

Well was not sampled for 5 years - redeveloped on 12/3/19
to remove stagnant water and representative groundwater conditions

Name and Address of Facility Contact /Owner/Responsible Party
First Name: _____ Last Name: _____
Facility/Firm: _____
Street: _____
City/State/Zip: _____

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: _____
Print Name: Lucas Chabela
Firm: Terracon Consultants

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☐ Other ☐ _____

Facility/Project Name	County Name	Well Name
Former Camelot Cleaners	Marathon	MW-2

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	37		

1. Can this well be purged dry? ☐ Yes ☒ No

2. Well development method

surged with bailer and bailed	☒ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well 40 min.

4. Depth of well (from top of well casisng) 40 ft.

5. Inside diameter of well 2 in.

6. Volume of water in filter pack and well casing 5.2 gal.

7. Volume of water removed from well 25 gal.

8. Volume of water added (if any) 0 gal.

9. Source of water added NA

10. Analysis performed on water added? (If yes, attach results) ☐ Yes ☒ No

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 32.8 ft.	34.11 ft.
Date	b. 12/3/2019 (m m d d y y y y)	12/3/2019 (m m d d y y y y)
Time	c. 10:40 ☐ a.m. ☐ p.m.	11:20 ☐ a.m. ☐ p.m.
12. Sediment in well bottom	0 0 inches	0 0 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe) turbid for ~ 10 gallons	Clear ☒ 20 Turbid ☐ 25 (Describe) clear-slight turbid

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	NA mg/l	NA mg/l
15. COD	NA mg/l	NA mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Lucas Last Name: Chabela
Firm: Terracon Consultants

17. Additional comments on development:

Well was not sampled for 5 years - redeveloped on 12/3/19
to remove stagnant water and representative groundwater conditions

Name and Address of Facility Contact /Owner/Responsible Party
First Name: _____ Last Name: _____
Facility/Firm: _____
Street: _____
City/State/Zip: _____

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: _____
Print Name: Lucas Chabela
Firm: Terracon Consultants

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☐ Other ☐ _____

Facility/Project Name	County Name	Well Name
Former Camelot Cleaners	Marathon	MW-3

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	37	_____	___

1. Can this well be purged dry? ☐ Yes ☒ No

2. Well development method

surged with bailer and bailed	☒ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well: 30 min.

4. Depth of well (from top of well casisng): 38 ft.

5. Inside diameter of well: 2 in.

6. Volume of water in filter pack and well casing: 5.2 gal.

7. Volume of water removed from well: 25 gal.

8. Volume of water added (if any): 0 gal.

9. Source of water added: NA

10. Analysis performed on water added? ☐ Yes ☒ No (If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 30.98 ft.	32.99 ft.
Date	b. 12/3/2019 (m m d d y y y y)	12/3/2019 (m m d d y y y y)
Time	c. 10:00 ☐ a.m. ☐ p.m.	10:30 ☐ a.m. ☐ p.m.
12. Sediment in well bottom	0 0 inches	0 0 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe)	Clear ☒ 20 Turbid ☐ 25 (Describe)
	turbid for ~ 10 gallons	clear-slight turbid
14. Total suspended solids	NA mg/l	NA mg/l
15. COD	NA mg/l	NA mg/l

Fill in if drilling fluids were used and well is at solid waste facility:

16. Well developed by: Name (first, last) and Firm
First Name: Lucas Last Name: Chabela
Firm: Terracon Consultants

17. Additional comments on development:

Well was not sampled for 5 years - redeveloped on 12/3/19
to remove stagnant water and representative groundwater conditions

Name and Address of Facility Contact /Owner/Responsible Party
First Name: _____ Last Name: _____
Facility/Firm: _____
Street: _____
City/State/Zip: _____

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: _____
Print Name: Lucas Chabela
Firm: Terracon Consultants

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☐ Other ☐ _____

Facility/Project Name	County Name	Well Name
Former Camelot Cleaners	Marathon	MW-4

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	37	_____	___

1. Can this well be purged dry? ☐ Yes ☒ No

2. Well development method

surged with bailer and bailed	☒ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well: 40 min.

4. Depth of well (from top of well casisng): 40 ft.

5. Inside diameter of well: 2 in.

6. Volume of water in filter pack and well casing: 5.2 gal.

7. Volume of water removed from well: 25 gal.

8. Volume of water added (if any): 0 gal.

9. Source of water added: NA

10. Analysis performed on water added? (If yes, attach results) ☐ Yes ☒ No

	Before Development	After Development
11. Depth to Water (from top of well casing) a.	32.90 ft.	33.15 ft.
Date b. (mm/dd/yyyy)	12/3/2019	12/3/2019
Time c.	11:45 ☐ a.m. ☐ p.m.	12:25 ☐ a.m. ☐ p.m.
12. Sediment in well bottom	0 0 inches	0 0 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe): turbid for ~ 10 gallons	Clear ☒ 20 Turbid ☐ 25 (Describe): clear-slight turbid

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	NA mg/l	NA mg/l
15. COD	NA mg/l	NA mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Lucas Last Name: Chabela
Firm: Terracon Consultants

17. Additional comments on development:

Well was not sampled for 5 years - redeveloped on 12/3/19
to remove stagnant water and representative groundwater conditions

Name and Address of Facility Contact /Owner/Responsible Party
First Name: _____ Last Name: _____
Facility/Firm: _____
Street: _____
City/State/Zip: _____

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: _____
Print Name: Lucas Chabela
Firm: Terracon Consultants

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☐ Other ☐ _____

Facility/Project Name	County Name	Well Name
Former Camelot Cleaners	Marathon	MW-5

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	37		

1. Can this well be purged dry? ☐ Yes ☒ No

2. Well development method

surged with bailer and bailed	☒ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐ [illegible]

3. Time spent developing well 45 min.

4. Depth of well (from top of well casisng) 40 ft.

5. Inside diameter of well 2 in.

6. Volume of water in filter pack and well casing 5.0 gal.

7. Volume of water removed from well 25 gal.

8. Volume of water added (if any) 0 gal.

9. Source of water added NA

10. Analysis performed on water added? (If yes, attach results) ☐ Yes ☒ No

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 33.22 ft.	35.81 ft.
Date	b. 12/3/2019 (m m d d y y y y)	12/3/2019 (m m d d y y y y)
Time	c. 14:00 ☐ a.m. ☐ p.m.	14:45 ☐ a.m. ☐ p.m.
12. Sediment in well bottom	0 0 inches	0 0 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe) turbid for ~ 10 gallons	Clear ☒ 20 Turbid ☐ 25 (Describe) clear-slight turbid

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	NA mg/l	NA mg/l
15. COD	NA mg/l	NA mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Lucas Last Name: Chabela
Firm: Terracon Consultants

17. Additional comments on development:

Well was not sampled for 5 years - redeveloped on 12/3/19
to remove stagnant water and representative groundwater conditions

Name and Address of Facility Contact /Owner/Responsible Party
First Name: _____ Last Name: _____
Facility/Firm: _____
Street: _____
City/State/Zip: _____

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: _____
Print Name: Lucas Chabela
Firm: Terracon Consultants

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☐ Other ☐ _____

Facility/Project Name	County Name	Well Name
Former Camelot Cleaners	Marathon	PZ-1

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	37		

1. Can this well be purged dry? ☐ Yes ☒ No

2. Well development method

surged with bailer and bailed	☐ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☒ 51
pumped slowly	☐ 50
Other _____	☐ [illegible]

3. Time spent developing well: 20 min.

4. Depth of well (from top of well casisng): 59 ft.

5. Inside diameter of well: 2 in.

6. Volume of water in filter pack and well casing: 9.4 gal.

7. Volume of water removed from well: 50 gal.

8. Volume of water added (if any): 0 gal.

9. Source of water added: NA

10. Analysis performed on water added? (If yes, attach results) ☐ Yes ☒ No

	Before Development	After Development
11. Depth to Water (from top of well casing) a.	29.41 ft.	38.11 ft.
Date b. (mm/dd/yyyy)	12/3/2019	12/3/2019
Time c.	15:20 ☐ a.m. ☐ p.m.	15:40 ☐ a.m. ☐ p.m.
12. Sediment in well bottom	0 0 inches	0 0 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe): turbid for ~ 5 gallons	Clear ☒ 20 Turbid ☐ 25 (Describe): clear-slight turbid

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	NA mg/l	NA mg/l
15. COD	NA mg/l	NA mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Lucas Last Name: Chabela
Firm: Terracon Consultants

17. Additional comments on development:

Well was not sampled for 5 years - redeveloped on 12/3/19
to remove stagnant water and representative groundwater conditions

Name and Address of Facility Contact /Owner/Responsible Party
First Name: _____ Last Name: _____
Facility/Firm: _____
Street: _____
City/State/Zip: _____

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: _____
Print Name: Lucas Chabela
Firm: Terracon Consultants

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☐ Other ☐ _____

Facility/Project Name	County Name	Well Name
Former Camelot Cleaners	Marathon	PZ-2

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	37		

1. Can this well be purged dry? ☐ Yes ☒ No

2. Well development method

surged with bailer and bailed	☐ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☒ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well 25 min.

4. Depth of well (from top of well casisng) 60 ft.

5. Inside diameter of well 2 in.

6. Volume of water in filter pack and well casing 9.4 gal.

7. Volume of water removed from well 50 gal.

8. Volume of water added (if any) 0 gal.

9. Source of water added NA

10. Analysis performed on water added? (If yes, attach results) ☐ Yes ☒ No

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 32.21 ft.	37.10 ft.
Date	b. 12/3/2019	12/3/2019
Time	c. 15:50 ☐ a.m. ☐ p.m.	16:15 ☐ a.m. ☐ p.m.
12. Sediment in well bottom	0 0 inches	0 0 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe) turbid for ~ 5 gallons	Clear ☒ 20 Turbid ☐ 25 (Describe) clear-slight turbid
14. Total suspended solids	NA mg/l	NA mg/l
15. COD	NA mg/l	NA mg/l

Fill in if drilling fluids were used and well is at solid waste facility:

16. Well developed by: Name (first, last) and Firm
First Name: Lucas Last Name: Chabela
Firm: Terracon Consultants

17. Additional comments on development:

Well was not sampled for 5 years - redeveloped on 12/3/19
to remove stagnant water and representative groundwater conditions

Name and Address of Facility Contact /Owner/Responsible Party
First Name: _____ Last Name: _____
Facility/Firm: _____
Street: _____
City/State/Zip: _____

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: _____
Print Name: Lucas Chabela
Firm: Terracon Consultants

NOTE: See instructions for more information including a list of county codes and well type codes.

TERRACON GROUND WATER SAMPLING INFORMATION SHEET

PROJECT NAME: Former Camelot	PROJECT NO. 58170 11
PROJECT LOCATION: Wausau	
SAMPLE POINT: MW-1	SAMPLE POINT DESCRIPTION:
CASING DIAMETER: 2"	
WELL DEPTH:	
DATE: 12-19-19	TIME 830 (AM / PM)
DEPTH TO GROUND WATER (FT): 34.10	
SAMPLING METHOD: low-flow	FLOW RATE: ~ 200mL/min
SAMPLE TIME: 1335	TOTAL PURGED: ~ 2 gallons

TIME	WATER LEVEL	TEMP.(° C)	pH	COND. (uS/cm)	ORP (mV)	DO (mg/L)
1310	34.10	10.98	7.10	820	~~-101.0~~ -81.0	10.10
1315	34.12	10.87	7.08	818	-85.0	8.20
1320	34.14	10.41	7.12	817	-101.0	6.11
1325	34.18	10.31	7.11	817	-108.1	6.10
1330	34.20	10.01	7.10	~~818~~ 817	-110.1	6.20

SAMPLE APPEARANCE: VERY TURBID TURBID SLIGHTLY TURBID (CLEAR)

ODOR: YES (NO) NOT NOTED

ANALYSES: VOCs

CLEANING PERFORMED IN FIELD: *Alconox and Distilled Water AND Disposable gloves* (METHOD PERFORMED) *INITIAL TO VERIFY OR NOTE OTHER CLEANING

LPC

COMMENTS:

SAMPLED BY: LPC	DATE: 12-19-19
REVIEWED BY: [signature]	DATE: 02/07/2020

TERRACON

GROUND WATER SAMPLING INFORMATION SHEET

PROJECT NAME: Former Camebt	PROJECT NO. 58117011
PROJECT LOCATION: Wausau WI	
SAMPLE POINT: MW-2	SAMPLE POINT DESCRIPTION:
CASING DIAMETER: 2"	
WELL DEPTH:	
DATE: 12-19-19	TIME 833 (AM) PM — DEPTH TO GROUND WATER (FT): 32.46
SAMPLING METHOD: Low-flow	FLOW RATE: ~ 200 mL/min
SAMPLE TIME: 10 30	TOTAL PURGED: 2 gallons

TIME	WATER LEVEL	TEMP.(° C)	pH	COND. (uS/cm)	ORP (mV)	DO (mg/L)
1000	32.46	10.56	6.80	925	-7.0	10.89
1005	32.48	10.41	6.81	937	-10.0	8.61
1010	32.51	10.40	6.80	938	-10.1	8.60
1015	32.51	10.40	6.80	940	-10.3	8.50
1020	32.53	10.39	6.80	936	-10.8	8.30
1025	32.53	10.38	6.80	930	-11.1	

SAMPLE APPEARANCE: VERY TURBID TURBID SLIGHTLY TURBID (CLEAR)

ODOR: YES (NO) NOT NOTED

ANALYSES: VOCs

CLEANING PERFORMED IN FIELD: *Alconox and Distilled Water AND Disposable gloves* *INITIAL TO VERIFY OR NOTE OTHER CLEANING METHOD PERFORMED

LJC

COMMENTS:

SAMPLED BY: LJC	DATE: 12-19-19
REVIEWED BY: Tim Schell	DATE: 02/07/2020

TERRACON

GROUND WATER SAMPLING INFORMATION SHEET

PROJECT NAME: Former Comelec	PROJECT NO. 5811 7011
PROJECT LOCATION: Wausau, WI	
SAMPLE POINT: PZ-1	SAMPLE POINT DESCRIPTION:
CASING DIAMETER: 2"	
WELL DEPTH:	
DATE: 12-19-19	TIME 839 (AM) /PM — DEPTH TO GROUND WATER (FT):
SAMPLING METHOD: Low-flow	FLOW RATE: ~ 200 mL/min
SAMPLE TIME: 1155	TOTAL PURGED: ~ 3 gallons

TIME	WATER LEVEL	TEMP.(°C)	pH	COND. (uS/cm)	ORP (mV)	DO (mg/L)
1130	30.10	10.14	6.14	618	-51.0	5.27
1135	30.10	10.01	6.81	610	-53.0	4.11
1140	30.08	9.98	6.71	615	-54.1	3.91
1145	30.04	9.95	6.80	613	-55.1	3.78
1150	30.01	9.88	6.85	6.16	-58.0	3.70

SAMPLE APPEARANCE: VERY TURBID TURBID SLIGHTLY TURBID (CLEAR)

ODOR: YES (NO) NOT NOTED

ANALYSES: VOCs

CLEANING PERFORMED IN FIELD: *Alconox and Distilled Water AND Disposable gloves* *INITIAL TO VERIFY OR NOTE OTHER CLEANING METHOD PERFORMED

LPC

COMMENTS:

DUP #1 for VOCs

SAMPLED BY: LPC — DATE: 12-19-19

REVIEWED BY: Timothy Welch — DATE: 02/07/2020

TERRACON — GROUND WATER SAMPLING INFORMATION SHEET

PROJECT NAME: former Co		PROJECT NO.	58117011
PROJECT LOCATION: Warsaw, NC			
SAMPLE POINT: PZ-2	SAMPLE POINT DESCRIPTION:		
CASING DIAMETER: 2"			
WELL DEPTH:			
DATE: 12-19-19	TIME 836 (AM)/PM	DEPTH TO GROUND WATER (FT):	32.92
SAMPLING METHOD: Low-flow		FLOW RATE:	~200 mL/min
SAMPLE TIME: 935		TOTAL PURGED:	~2 gallons

TIME	WATER LEVEL	TEMP.(°C)	pH	COND. (uS/cm)	ORP (mV)	DO (mg/L)
910	32.92	11.24	6.79	1612	-40.0	9.40
915	32.92	11.20	6.61	1580	-21.0	-8.62
920	39.90	11.20	6.71	1599	-31.1	-4.11
925	32.90	11.10	6.78	1610	-35.6	-4.01
930	32.91	11.05	6.78	1615	-38.1	-3.81

SAMPLE APPEARANCE: VERY TURBID TURBID SLIGHTLY TURBID (CLEAR)	ODOR: YES (NO) NOT NOTED	ANALYSES: VOCs

CLEANING PERFORMED IN FIELD: *Alconox and Distilled Water AND Disposable gloves* (METHOD PERFORMED) — *INITIAL TO VERIFY OR NOTE OTHER CLEANING: LPC

COMMENTS:

SAMPLED BY:	DATE: 12-19-19
REVIEWED BY:	DATE: 02/07/2020

TERRACON — GROUND WATER SAMPLING INFORMATION SHEET

PROJECT NAME: Former Camelot	PROJECT NO. 58117011
PROJECT LOCATION: Wausau, WI	
SAMPLE POINT: MW-3	SAMPLE POINT DESCRIPTION:
CASING DIAMETER: 2"	
WELL DEPTH:	
DATE: 12-19-19	TIME 838 AM/PM — DEPTH TO GROUND WATER (FT): 30.41
SAMPLING METHOD: Low-flow	FLOW RATE: ~200 mL/min
SAMPLE TIME: 1125	TOTAL PURGED: 3 gallons

TIME	WATER LEVEL	TEMP.(°C)	pH	COND. (uS/cm)	ORP (mV)	DO (mg/L)
1100	30.41	10.49	6.61	631	-61.0	8.11
1105	30.45	10.15	6.51	630	-1.0	7.01
1110	30.48	9.61	6.50	621	156.0	6.11
1115	30.50	9.60	6.48	621	171.0	6.10
1120	30.51	9.50	6.46	620	180.1	6.08

SAMPLE APPEARANCE: VERY TURBID TURBID SLIGHTLY TURBID (CLEAR) — ODOR: YES (NO) NOT NOTED — ANALYSES: VOCs

CLEANING PERFORMED IN FIELD: *Alconox and Distilled Water AND Disposable gloves* (*INITIAL TO VERIFY OR NOTE OTHER CLEANING METHOD PERFORMED) LPC

COMMENTS:

SAMPLED BY: LPC — DATE: 12-19-19

REVIEWED BY: [signature] — DATE: 02/07/2020

TERRACON

GROUND WATER SAMPLING INFORMATION SHEET

PROJECT NAME: Former Comfort	PROJECT NO. 58107011
PROJECT LOCATION: Wausau WI	
SAMPLE POINT: MW-4	SAMPLE POINT DESCRIPTION:
CASING DIAMETER: 2"	
WELL DEPTH:	
DATE: 12-19-19	TIME 840 (AM) /PM — DEPTH TO GROUND WATER (FT): 33.15
SAMPLING METHOD: Low-flow	FLOW RATE: ~200 mL/min
SAMPLE TIME: 1235	TOTAL PURGED: ~2 gallons

TIME	WATER LEVEL	TEMP.(° C)	pH	COND. (mS/cm)	ORP (mV)	DO (mg/L)
1210	33.18	10.73	6.81	763	-56.5	10.10
1215	33.15	9.99	6.88	781	-80.8	8.10
1220	33.10	9.90	6.89	789	-98.6	6.28
1225	33.07	9.87	6.91	785	-105.3	6.26
1230	33.01	9.86	7.01	787	-111.0	6.11

SAMPLE APPEARANCE: VERY TURBID TURBID SLIGHTLY TURBID (CLEAR)

ODOR: YES (NO) NOT NOTED

ANALYSES: VOC

CLEANING PERFORMED IN FIELD: *Alconox and Distilled Water AND Disposable gloves* *INITIAL TO VERIFY OR NOTE OTHER CLEANING METHOD PERFORMED

LPC

COMMENTS:

SAMPLED BY: LPC — DATE: 12-19-19

REVIEWED BY: [signature] — DATE: 02/07/2020

TERRACON

GROUND WATER SAMPLING INFORMATION SHEET

PROJECT NAME: Former Camelot	PROJECT NO. 58170111
PROJECT LOCATION: Wausau WI	
SAMPLE POINT: MW-5	SAMPLE POINT DESCRIPTION:
CASING DIAMETER: 2"	
WELL DEPTH:	
DATE: 12-19-19	TIME: AM / PM	DEPTH TO GROUND WATER (FT): 32.85
SAMPLING METHOD: Low-flow	FLOW RATE: ~200mL/min
SAMPLE TIME: 1305	TOTAL PURGED: 3 gallons

TIME	WATER LEVEL	TEMP.(°C)	pH	COND. (uS/cm)	ORP (mV)	DO (mg/L)
1245	32.88	10.44	6.91	722	-47.1	10.10
1250	32.70	10.00	6.92	720	-61.6	8.11
1255	32.68	10.00	6.92	728	-76.8	6.78
1300	32.66	9.88	6.92	721	-78.9	6.66
1305	32.64	9.87	6.91	722	-80.1	6.55

SAMPLE APPEARANCE: VERY TURBID TURBID SLIGHTLY TURBID (CLEAR)

ODOR: YES (NO) NOT NOTED

ANALYSES: VOCs

CLEANING PERFORMED IN FIELD: *Alconox and Distilled Water AND Disposable gloves* *INITIAL TO VERIFY OR NOTE OTHER CLEANING METHOD PERFORMED

LPC

COMMENTS:

SAMPLED BY: LPC DATE: 12-19-19

REVIEWED BY: Tim Schmidt DATE: 02/07/2020

Terracor
Consulting Engineers & Scientis

SUB-SLAB/SOIL GAS / INDOOR AIR SAMPLING INFORMATION FORM

PROJECT NAME: Former Camelot Cleaners

PROJECT LOCATION: Wausau, WI

PROJECT NO. 58117011

Sample ID / Location: MH-1 Date: 12-20-19 Time: 830

Summa Canister #: 3667 Flow Controller #: 588 Flow Rate: _____ cm³/min

Start Time: 1003 Canister Vacuum: 28 "Hg Stop Time 1033 Canister Vacuum: 8 "Hg

Sample Point Description & Method: Beneath Sewer Manhole ~ 4' Below grade USING MASTER FLEX TUBING

For soil gas sampling

Sample Zone Soil Type (circle one): Clay Silt Sand Gravel Other _____

Apparent Moisture Content of Sampling Zone (circle one): Dry Moist Saturated

Sample Depth / Height: _____ feet

Organic Vapor Reading: <1 ppm PID used: MINI RAE

Volume Purged & Purge Method: 10 MIN WITH PID

Sampling Train/Tubing Type(s)/Dia: MASTER FLEX

Cleaning Performed in Field: _____

Sub-Slab Leak Testing: Helium Meter Used: _____ He Ambient Air: _____ ppm

He Shroud: _____ ppm

Isopropyl Alcohol (2-Propanol) used: yes or no

Comments / Problems: _____

Form Completed By: Lucas P. Chahela Date 12/19/19

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

December 26, 2019

Tim Welch
Terracon, Inc. - Franklin
9856 South 57th Street
Franklin, WI 53132

RE: Project: 58117011 CAMELOT
Pace Project No.: 40201207

Dear Tim Welch:
Enclosed are the analytical results for sample(s) received by the laboratory on December 21, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: 58117011 CAMELOT
Pace Project No.: 40201207

Pace Analytical Services Green Bay
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: 58117011 CAMELOT
Pace Project No.: 40201207

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40201207001	**MW-2**	Water	12/19/19 10:30	12/21/19 08:25
40201207002	**MW-3**	Water	12/19/19 11:25	12/21/19 08:25
40201207003	**PZ-2**	Water	12/19/19 11:55	12/21/19 08:25
40201207004	**PZ-1**	Water	12/19/19 09:25	12/21/19 08:25
40201207005	**MW-4**	Water	12/19/19 12:35	12/21/19 08:25
40201207006	**MW-5**	Water	12/19/19 13:05	12/21/19 08:25
40201207007	**MW-1**	Water	12/19/19 13:35	12/21/19 08:25
40201207008	**DUP #1**	Water	12/19/19 00:00	12/21/19 08:25
40201207009	**HCL TRIP**	Water	12/19/19 00:00	12/21/19 08:25

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: 58117011 CAMELOT
Pace Project No.: 40201207

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40201207001	**MW-2**	EPA 8260	HNW	64	PASI-G
40201207002	**MW-3**	EPA 8260	HNW	64	PASI-G
40201207003	**PZ-2**	EPA 8260	HNW	64	PASI-G
40201207004	**PZ-1**	EPA 8260	HNW	64	PASI-G
40201207005	**MW-4**	EPA 8260	HNW	64	PASI-G
40201207006	**MW-5**	EPA 8260	HNW	64	PASI-G
40201207007	**MW-1**	EPA 8260	HNW	64	PASI-G
40201207008	**DUP #1**	EPA 8260	HNW	64	PASI-G
40201207009	**HCL TRIP**	EPA 8260	HNW	64	PASI-G

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SUMMARY OF DETECTION

Project: 58117011 CAMELOT
Pace Project No.: 40201207

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40201207001	**MW-2**					
EPA 8260	1,1,1-Trichloroethane	0.53J	ug/L	1.0	12/23/19 23:37	
40201207002	**MW-3**					
EPA 8260	Chloroform	1.5J	ug/L	5.0	12/23/19 23:58	
40201207004	**PZ-1**					
EPA 8260	Tetrachloroethene	0.85J	ug/L	1.1	12/24/19 00:41	
40201207005	**MW-4**					
EPA 8260	Tetrachloroethene	5.7	ug/L	1.1	12/24/19 01:02	
40201207008	**DUP #1**					
EPA 8260	Tetrachloroethene	0.60J	ug/L	1.1	12/24/19 02:07	

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

PROJECT NARRATIVE

Project: 58117011 CAMELOT
Pace Project No.: 40201207

Method: **EPA 8260**
Description: 8260 MSV
Client: Terracon, Inc. - Franklin
Date: December 26, 2019

General Information:
9 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 58117011 CAMELOT
Pace Project No.: 40201207

Sample: MW-2 **Lab ID: 40201207001** Collected: 12/19/19 10:30 Received: 12/21/19 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.25**	ug/L	1.0	0.25	1		12/23/19 23:37	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		12/23/19 23:37	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		12/23/19 23:37	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		12/23/19 23:37	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		12/23/19 23:37	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		12/23/19 23:37	74-83-9	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		12/23/19 23:37	104-51-8	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		12/23/19 23:37	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		12/23/19 23:37	98-06-6	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		12/23/19 23:37	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/23/19 23:37	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		12/23/19 23:37	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		12/23/19 23:37	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		12/23/19 23:37	74-87-3	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		12/23/19 23:37	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		12/23/19 23:37	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		12/23/19 23:37	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		12/23/19 23:37	124-48-1	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		12/23/19 23:37	106-93-4	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		12/23/19 23:37	74-95-3	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/23/19 23:37	95-50-1	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		12/23/19 23:37	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		12/23/19 23:37	106-46-7	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		12/23/19 23:37	75-71-8	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/23/19 23:37	75-34-3	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/23/19 23:37	107-06-2	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/23/19 23:37	75-35-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		12/23/19 23:37	156-59-2	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		12/23/19 23:37	156-60-5	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		12/23/19 23:37	78-87-5	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		12/23/19 23:37	142-28-9	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		12/23/19 23:37	594-20-7	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		12/23/19 23:37	563-58-6	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		12/23/19 23:37	10061-01-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		12/23/19 23:37	10061-02-6	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		12/23/19 23:37	108-20-3	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		12/23/19 23:37	100-41-4	
Hexachloro-1,3-butadiene	**<1.2**	ug/L	5.0	1.2	1		12/23/19 23:37	87-68-3	
Isopropylbenzene (Cumene)	**<0.39**	ug/L	5.0	0.39	1		12/23/19 23:37	98-82-8	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		12/23/19 23:37	99-87-6	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		12/23/19 23:37	75-09-2	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		12/23/19 23:37	1634-04-4	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		12/23/19 23:37	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		12/23/19 23:37	103-65-1	
Styrene	**<0.47**	ug/L	1.6	0.47	1		12/23/19 23:37	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		12/23/19 23:37	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 58117011 CAMELOT
Pace Project No.: 40201207

Sample: MW-2 **Lab ID: 40201207001** Collected: 12/19/19 10:30 Received: 12/21/19 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		12/23/19 23:37	79-34-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/23/19 23:37	127-18-4	
Toluene	**<0.17**	ug/L	5.0	0.17	1		12/23/19 23:37	108-88-3	
1,2,3-Trichlorobenzene	**<0.63**	ug/L	5.0	0.63	1		12/23/19 23:37	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		12/23/19 23:37	120-82-1	
1,1,1-Trichloroethane	**0.53J**	ug/L	1.0	0.24	1		12/23/19 23:37	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/23/19 23:37	79-00-5	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		12/23/19 23:37	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		12/23/19 23:37	75-69-4	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		12/23/19 23:37	96-18-4	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		12/23/19 23:37	95-63-6	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		12/23/19 23:37	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/23/19 23:37	75-01-4	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		12/23/19 23:37	179601-23-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		12/23/19 23:37	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		12/23/19 23:37	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		12/23/19 23:37	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		12/23/19 23:37	2037-26-5	

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ANALYTICAL RESULTS

Project: 58117011 CAMELOT
Pace Project No.: 40201207

Sample: MW-3 **Lab ID: 40201207002** Collected: 12/19/19 11:25 Received: 12/21/19 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.25**	ug/L	1.0	0.25	1		12/23/19 23:58	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		12/23/19 23:58	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		12/23/19 23:58	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		12/23/19 23:58	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		12/23/19 23:58	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		12/23/19 23:58	74-83-9	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		12/23/19 23:58	104-51-8	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		12/23/19 23:58	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		12/23/19 23:58	98-06-6	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		12/23/19 23:58	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/23/19 23:58	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		12/23/19 23:58	75-00-3	
Chloroform	**1.5J**	ug/L	5.0	1.3	1		12/23/19 23:58	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		12/23/19 23:58	74-87-3	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		12/23/19 23:58	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		12/23/19 23:58	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		12/23/19 23:58	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		12/23/19 23:58	124-48-1	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		12/23/19 23:58	106-93-4	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		12/23/19 23:58	74-95-3	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/23/19 23:58	95-50-1	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		12/23/19 23:58	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		12/23/19 23:58	106-46-7	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		12/23/19 23:58	75-71-8	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/23/19 23:58	75-34-3	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/23/19 23:58	107-06-2	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/23/19 23:58	75-35-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		12/23/19 23:58	156-59-2	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		12/23/19 23:58	156-60-5	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		12/23/19 23:58	78-87-5	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		12/23/19 23:58	142-28-9	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		12/23/19 23:58	594-20-7	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		12/23/19 23:58	563-58-6	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		12/23/19 23:58	10061-01-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		12/23/19 23:58	10061-02-6	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		12/23/19 23:58	108-20-3	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		12/23/19 23:58	100-41-4	
Hexachloro-1,3-butadiene	**<1.2**	ug/L	5.0	1.2	1		12/23/19 23:58	87-68-3	
Isopropylbenzene (Cumene)	**<0.39**	ug/L	5.0	0.39	1		12/23/19 23:58	98-82-8	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		12/23/19 23:58	99-87-6	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		12/23/19 23:58	75-09-2	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		12/23/19 23:58	1634-04-4	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		12/23/19 23:58	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		12/23/19 23:58	103-65-1	
Styrene	**<0.47**	ug/L	1.6	0.47	1		12/23/19 23:58	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		12/23/19 23:58	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 58117011 CAMELOT
Pace Project No.: 40201207

Sample: MW-3 **Lab ID: 40201207002** Collected: 12/19/19 11:25 Received: 12/21/19 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		12/23/19 23:58	79-34-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/23/19 23:58	127-18-4	
Toluene	**<0.17**	ug/L	5.0	0.17	1		12/23/19 23:58	108-88-3	
1,2,3-Trichlorobenzene	**<0.63**	ug/L	5.0	0.63	1		12/23/19 23:58	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		12/23/19 23:58	120-82-1	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		12/23/19 23:58	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/23/19 23:58	79-00-5	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		12/23/19 23:58	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		12/23/19 23:58	75-69-4	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		12/23/19 23:58	96-18-4	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		12/23/19 23:58	95-63-6	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		12/23/19 23:58	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/23/19 23:58	75-01-4	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		12/23/19 23:58	179601-23-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		12/23/19 23:58	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		12/23/19 23:58	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		12/23/19 23:58	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		12/23/19 23:58	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 58117011 CAMELOT
Pace Project No.: 40201207

Sample: PZ-2 **Lab ID: 40201207003** Collected: 12/19/19 11:55 Received: 12/21/19 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.25**	ug/L	1.0	0.25	1		12/24/19 00:19	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		12/24/19 00:19	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		12/24/19 00:19	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		12/24/19 00:19	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		12/24/19 00:19	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		12/24/19 00:19	74-83-9	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		12/24/19 00:19	104-51-8	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		12/24/19 00:19	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		12/24/19 00:19	98-06-6	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		12/24/19 00:19	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/24/19 00:19	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		12/24/19 00:19	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		12/24/19 00:19	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		12/24/19 00:19	74-87-3	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		12/24/19 00:19	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		12/24/19 00:19	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		12/24/19 00:19	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		12/24/19 00:19	124-48-1	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		12/24/19 00:19	106-93-4	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		12/24/19 00:19	74-95-3	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/24/19 00:19	95-50-1	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		12/24/19 00:19	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		12/24/19 00:19	106-46-7	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		12/24/19 00:19	75-71-8	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/24/19 00:19	75-34-3	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/24/19 00:19	107-06-2	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/24/19 00:19	75-35-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		12/24/19 00:19	156-59-2	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		12/24/19 00:19	156-60-5	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		12/24/19 00:19	78-87-5	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		12/24/19 00:19	142-28-9	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		12/24/19 00:19	594-20-7	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		12/24/19 00:19	563-58-6	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		12/24/19 00:19	10061-01-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		12/24/19 00:19	10061-02-6	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		12/24/19 00:19	108-20-3	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		12/24/19 00:19	100-41-4	
Hexachloro-1,3-butadiene	**<1.2**	ug/L	5.0	1.2	1		12/24/19 00:19	87-68-3	
Isopropylbenzene (Cumene)	**<0.39**	ug/L	5.0	0.39	1		12/24/19 00:19	98-82-8	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		12/24/19 00:19	99-87-6	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		12/24/19 00:19	75-09-2	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		12/24/19 00:19	1634-04-4	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		12/24/19 00:19	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		12/24/19 00:19	103-65-1	
Styrene	**<0.47**	ug/L	1.6	0.47	1		12/24/19 00:19	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		12/24/19 00:19	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 58117011 CAMELOT
Pace Project No.: 40201207

Sample: PZ-2 **Lab ID: 40201207003** Collected: 12/19/19 11:55 Received: 12/21/19 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		12/24/19 00:19	79-34-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/24/19 00:19	127-18-4	
Toluene	**<0.17**	ug/L	5.0	0.17	1		12/24/19 00:19	108-88-3	
1,2,3-Trichlorobenzene	**<0.63**	ug/L	5.0	0.63	1		12/24/19 00:19	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		12/24/19 00:19	120-82-1	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		12/24/19 00:19	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/24/19 00:19	79-00-5	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		12/24/19 00:19	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		12/24/19 00:19	75-69-4	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		12/24/19 00:19	96-18-4	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		12/24/19 00:19	95-63-6	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		12/24/19 00:19	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/24/19 00:19	75-01-4	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		12/24/19 00:19	179601-23-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		12/24/19 00:19	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		12/24/19 00:19	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		1		12/24/19 00:19	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		12/24/19 00:19	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 58117011 CAMELOT
Pace Project No.: 40201207

Sample: PZ-1 **Lab ID: 40201207004** Collected: 12/19/19 09:25 Received: 12/21/19 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.25**	ug/L	1.0	0.25	1		12/24/19 00:41	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		12/24/19 00:41	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		12/24/19 00:41	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		12/24/19 00:41	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		12/24/19 00:41	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		12/24/19 00:41	74-83-9	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		12/24/19 00:41	104-51-8	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		12/24/19 00:41	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		12/24/19 00:41	98-06-6	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		12/24/19 00:41	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/24/19 00:41	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		12/24/19 00:41	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		12/24/19 00:41	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		12/24/19 00:41	74-87-3	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		12/24/19 00:41	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		12/24/19 00:41	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		12/24/19 00:41	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		12/24/19 00:41	124-48-1	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		12/24/19 00:41	106-93-4	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		12/24/19 00:41	74-95-3	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/24/19 00:41	95-50-1	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		12/24/19 00:41	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		12/24/19 00:41	106-46-7	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		12/24/19 00:41	75-71-8	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/24/19 00:41	75-34-3	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/24/19 00:41	107-06-2	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/24/19 00:41	75-35-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		12/24/19 00:41	156-59-2	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		12/24/19 00:41	156-60-5	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		12/24/19 00:41	78-87-5	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		12/24/19 00:41	142-28-9	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		12/24/19 00:41	594-20-7	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		12/24/19 00:41	563-58-6	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		12/24/19 00:41	10061-01-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		12/24/19 00:41	10061-02-6	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		12/24/19 00:41	108-20-3	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		12/24/19 00:41	100-41-4	
Hexachloro-1,3-butadiene	**<1.2**	ug/L	5.0	1.2	1		12/24/19 00:41	87-68-3	
Isopropylbenzene (Cumene)	**<0.39**	ug/L	5.0	0.39	1		12/24/19 00:41	98-82-8	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		12/24/19 00:41	99-87-6	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		12/24/19 00:41	75-09-2	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		12/24/19 00:41	1634-04-4	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		12/24/19 00:41	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		12/24/19 00:41	103-65-1	
Styrene	**<0.47**	ug/L	1.6	0.47	1		12/24/19 00:41	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		12/24/19 00:41	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 58117011 CAMELOT
Pace Project No.: 40201207

Sample: PZ-1 **Lab ID: 40201207004** Collected: 12/19/19 09:25 Received: 12/21/19 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		12/24/19 00:41	79-34-5	
Tetrachloroethene	**0.85J**	ug/L	1.1	0.33	1		12/24/19 00:41	127-18-4	
Toluene	**<0.17**	ug/L	5.0	0.17	1		12/24/19 00:41	108-88-3	
1,2,3-Trichlorobenzene	**<0.63**	ug/L	5.0	0.63	1		12/24/19 00:41	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		12/24/19 00:41	120-82-1	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		12/24/19 00:41	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/24/19 00:41	79-00-5	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		12/24/19 00:41	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		12/24/19 00:41	75-69-4	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		12/24/19 00:41	96-18-4	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		12/24/19 00:41	95-63-6	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		12/24/19 00:41	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/24/19 00:41	75-01-4	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		12/24/19 00:41	179601-23-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		12/24/19 00:41	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		12/24/19 00:41	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		1		12/24/19 00:41	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		12/24/19 00:41	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 58117011 CAMELOT
Pace Project No.: 40201207

Sample: MW-4 **Lab ID: 40201207005** Collected: 12/19/19 12:35 Received: 12/21/19 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.25**	ug/L	1.0	0.25	1		12/24/19 01:02	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		12/24/19 01:02	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		12/24/19 01:02	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		12/24/19 01:02	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		12/24/19 01:02	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		12/24/19 01:02	74-83-9	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		12/24/19 01:02	104-51-8	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		12/24/19 01:02	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		12/24/19 01:02	98-06-6	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		12/24/19 01:02	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/24/19 01:02	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		12/24/19 01:02	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		12/24/19 01:02	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		12/24/19 01:02	74-87-3	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		12/24/19 01:02	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		12/24/19 01:02	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		12/24/19 01:02	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		12/24/19 01:02	124-48-1	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		12/24/19 01:02	106-93-4	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		12/24/19 01:02	74-95-3	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/24/19 01:02	95-50-1	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		12/24/19 01:02	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		12/24/19 01:02	106-46-7	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		12/24/19 01:02	75-71-8	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/24/19 01:02	75-34-3	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/24/19 01:02	107-06-2	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/24/19 01:02	75-35-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		12/24/19 01:02	156-59-2	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		12/24/19 01:02	156-60-5	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		12/24/19 01:02	78-87-5	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		12/24/19 01:02	142-28-9	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		12/24/19 01:02	594-20-7	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		12/24/19 01:02	563-58-6	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		12/24/19 01:02	10061-01-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		12/24/19 01:02	10061-02-6	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		12/24/19 01:02	108-20-3	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		12/24/19 01:02	100-41-4	
Hexachloro-1,3-butadiene	**<1.2**	ug/L	5.0	1.2	1		12/24/19 01:02	87-68-3	
Isopropylbenzene (Cumene)	**<0.39**	ug/L	5.0	0.39	1		12/24/19 01:02	98-82-8	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		12/24/19 01:02	99-87-6	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		12/24/19 01:02	75-09-2	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		12/24/19 01:02	1634-04-4	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		12/24/19 01:02	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		12/24/19 01:02	103-65-1	
Styrene	**<0.47**	ug/L	1.6	0.47	1		12/24/19 01:02	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		12/24/19 01:02	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 58117011 CAMELOT
Pace Project No.: 40201207

Sample: MW-4 **Lab ID: 40201207005** Collected: 12/19/19 12:35 Received: 12/21/19 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		12/24/19 01:02	79-34-5	
Tetrachloroethene	**5.7**	ug/L	1.1	0.33	1		12/24/19 01:02	127-18-4	
Toluene	**<0.17**	ug/L	5.0	0.17	1		12/24/19 01:02	108-88-3	
1,2,3-Trichlorobenzene	**<0.63**	ug/L	5.0	0.63	1		12/24/19 01:02	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		12/24/19 01:02	120-82-1	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		12/24/19 01:02	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/24/19 01:02	79-00-5	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		12/24/19 01:02	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		12/24/19 01:02	75-69-4	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		12/24/19 01:02	96-18-4	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		12/24/19 01:02	95-63-6	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		12/24/19 01:02	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/24/19 01:02	75-01-4	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		12/24/19 01:02	179601-23-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		12/24/19 01:02	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		12/24/19 01:02	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		1		12/24/19 01:02	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		12/24/19 01:02	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 58117011 CAMELOT
Pace Project No.: 40201207

Sample: MW-5 **Lab ID: 40201207006** Collected: 12/19/19 13:05 Received: 12/21/19 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.25**	ug/L	1.0	0.25	1		12/24/19 01:24	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		12/24/19 01:24	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		12/24/19 01:24	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		12/24/19 01:24	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		12/24/19 01:24	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		12/24/19 01:24	74-83-9	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		12/24/19 01:24	104-51-8	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		12/24/19 01:24	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		12/24/19 01:24	98-06-6	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		12/24/19 01:24	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/24/19 01:24	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		12/24/19 01:24	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		12/24/19 01:24	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		12/24/19 01:24	74-87-3	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		12/24/19 01:24	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		12/24/19 01:24	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		12/24/19 01:24	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		12/24/19 01:24	124-48-1	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		12/24/19 01:24	106-93-4	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		12/24/19 01:24	74-95-3	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/24/19 01:24	95-50-1	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		12/24/19 01:24	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		12/24/19 01:24	106-46-7	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		12/24/19 01:24	75-71-8	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/24/19 01:24	75-34-3	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/24/19 01:24	107-06-2	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/24/19 01:24	75-35-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		12/24/19 01:24	156-59-2	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		12/24/19 01:24	156-60-5	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		12/24/19 01:24	78-87-5	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		12/24/19 01:24	142-28-9	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		12/24/19 01:24	594-20-7	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		12/24/19 01:24	563-58-6	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		12/24/19 01:24	10061-01-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		12/24/19 01:24	10061-02-6	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		12/24/19 01:24	108-20-3	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		12/24/19 01:24	100-41-4	
Hexachloro-1,3-butadiene	**<1.2**	ug/L	5.0	1.2	1		12/24/19 01:24	87-68-3	
Isopropylbenzene (Cumene)	**<0.39**	ug/L	5.0	0.39	1		12/24/19 01:24	98-82-8	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		12/24/19 01:24	99-87-6	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		12/24/19 01:24	75-09-2	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		12/24/19 01:24	1634-04-4	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		12/24/19 01:24	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		12/24/19 01:24	103-65-1	
Styrene	**<0.47**	ug/L	1.6	0.47	1		12/24/19 01:24	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		12/24/19 01:24	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 58117011 CAMELOT
Pace Project No.: 40201207

Sample: MW-5 **Lab ID: 40201207006** Collected: 12/19/19 13:05 Received: 12/21/19 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		12/24/19 01:24	79-34-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/24/19 01:24	127-18-4	
Toluene	**<0.17**	ug/L	5.0	0.17	1		12/24/19 01:24	108-88-3	
1,2,3-Trichlorobenzene	**<0.63**	ug/L	5.0	0.63	1		12/24/19 01:24	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		12/24/19 01:24	120-82-1	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		12/24/19 01:24	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/24/19 01:24	79-00-5	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		12/24/19 01:24	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		12/24/19 01:24	75-69-4	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		12/24/19 01:24	96-18-4	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		12/24/19 01:24	95-63-6	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		12/24/19 01:24	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/24/19 01:24	75-01-4	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		12/24/19 01:24	179601-23-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		12/24/19 01:24	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		12/24/19 01:24	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		12/24/19 01:24	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		12/24/19 01:24	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 58117011 CAMELOT
Pace Project No.: 40201207

Sample: MW-1 **Lab ID: 40201207007** Collected: 12/19/19 13:35 Received: 12/21/19 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.25**	ug/L	1.0	0.25	1		12/24/19 01:45	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		12/24/19 01:45	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		12/24/19 01:45	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		12/24/19 01:45	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		12/24/19 01:45	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		12/24/19 01:45	74-83-9	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		12/24/19 01:45	104-51-8	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		12/24/19 01:45	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		12/24/19 01:45	98-06-6	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		12/24/19 01:45	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/24/19 01:45	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		12/24/19 01:45	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		12/24/19 01:45	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		12/24/19 01:45	74-87-3	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		12/24/19 01:45	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		12/24/19 01:45	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		12/24/19 01:45	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		12/24/19 01:45	124-48-1	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		12/24/19 01:45	106-93-4	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		12/24/19 01:45	74-95-3	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/24/19 01:45	95-50-1	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		12/24/19 01:45	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		12/24/19 01:45	106-46-7	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		12/24/19 01:45	75-71-8	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/24/19 01:45	75-34-3	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/24/19 01:45	107-06-2	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/24/19 01:45	75-35-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		12/24/19 01:45	156-59-2	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		12/24/19 01:45	156-60-5	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		12/24/19 01:45	78-87-5	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		12/24/19 01:45	142-28-9	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		12/24/19 01:45	594-20-7	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		12/24/19 01:45	563-58-6	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		12/24/19 01:45	10061-01-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		12/24/19 01:45	10061-02-6	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		12/24/19 01:45	108-20-3	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		12/24/19 01:45	100-41-4	
Hexachloro-1,3-butadiene	**<1.2**	ug/L	5.0	1.2	1		12/24/19 01:45	87-68-3	
Isopropylbenzene (Cumene)	**<0.39**	ug/L	5.0	0.39	1		12/24/19 01:45	98-82-8	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		12/24/19 01:45	99-87-6	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		12/24/19 01:45	75-09-2	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		12/24/19 01:45	1634-04-4	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		12/24/19 01:45	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		12/24/19 01:45	103-65-1	
Styrene	**<0.47**	ug/L	1.6	0.47	1		12/24/19 01:45	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		12/24/19 01:45	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 58117011 CAMELOT
Pace Project No.: 40201207

Sample: MW-1 **Lab ID: 40201207007** Collected: 12/19/19 13:35 Received: 12/21/19 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		12/24/19 01:45	79-34-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/24/19 01:45	127-18-4	
Toluene	**<0.17**	ug/L	5.0	0.17	1		12/24/19 01:45	108-88-3	
1,2,3-Trichlorobenzene	**<0.63**	ug/L	5.0	0.63	1		12/24/19 01:45	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		12/24/19 01:45	120-82-1	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		12/24/19 01:45	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/24/19 01:45	79-00-5	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		12/24/19 01:45	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		12/24/19 01:45	75-69-4	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		12/24/19 01:45	96-18-4	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		12/24/19 01:45	95-63-6	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		12/24/19 01:45	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/24/19 01:45	75-01-4	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		12/24/19 01:45	179601-23-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		12/24/19 01:45	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		12/24/19 01:45	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		1		12/24/19 01:45	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		12/24/19 01:45	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 58117011 CAMELOT
Pace Project No.: 40201207

Sample: DUP #1 **Lab ID: 40201207008** Collected: 12/19/19 00:00 Received: 12/21/19 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.25**	ug/L	1.0	0.25	1		12/24/19 02:07	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		12/24/19 02:07	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		12/24/19 02:07	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		12/24/19 02:07	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		12/24/19 02:07	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		12/24/19 02:07	74-83-9	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		12/24/19 02:07	104-51-8	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		12/24/19 02:07	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		12/24/19 02:07	98-06-6	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		12/24/19 02:07	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/24/19 02:07	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		12/24/19 02:07	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		12/24/19 02:07	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		12/24/19 02:07	74-87-3	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		12/24/19 02:07	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		12/24/19 02:07	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		12/24/19 02:07	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		12/24/19 02:07	124-48-1	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		12/24/19 02:07	106-93-4	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		12/24/19 02:07	74-95-3	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/24/19 02:07	95-50-1	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		12/24/19 02:07	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		12/24/19 02:07	106-46-7	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		12/24/19 02:07	75-71-8	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/24/19 02:07	75-34-3	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/24/19 02:07	107-06-2	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/24/19 02:07	75-35-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		12/24/19 02:07	156-59-2	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		12/24/19 02:07	156-60-5	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		12/24/19 02:07	78-87-5	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		12/24/19 02:07	142-28-9	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		12/24/19 02:07	594-20-7	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		12/24/19 02:07	563-58-6	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		12/24/19 02:07	10061-01-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		12/24/19 02:07	10061-02-6	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		12/24/19 02:07	108-20-3	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		12/24/19 02:07	100-41-4	
Hexachloro-1,3-butadiene	**<1.2**	ug/L	5.0	1.2	1		12/24/19 02:07	87-68-3	
Isopropylbenzene (Cumene)	**<0.39**	ug/L	5.0	0.39	1		12/24/19 02:07	98-82-8	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		12/24/19 02:07	99-87-6	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		12/24/19 02:07	75-09-2	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		12/24/19 02:07	1634-04-4	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		12/24/19 02:07	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		12/24/19 02:07	103-65-1	
Styrene	**<0.47**	ug/L	1.6	0.47	1		12/24/19 02:07	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		12/24/19 02:07	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 58117011 CAMELOT
Pace Project No.: 40201207

Sample: DUP #1 **Lab ID: 40201207008** Collected: 12/19/19 00:00 Received: 12/21/19 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		12/24/19 02:07	79-34-5	
Tetrachloroethene	**0.60J**	ug/L	1.1	0.33	1		12/24/19 02:07	127-18-4	
Toluene	**<0.17**	ug/L	5.0	0.17	1		12/24/19 02:07	108-88-3	
1,2,3-Trichlorobenzene	**<0.63**	ug/L	5.0	0.63	1		12/24/19 02:07	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		12/24/19 02:07	120-82-1	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		12/24/19 02:07	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/24/19 02:07	79-00-5	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		12/24/19 02:07	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		12/24/19 02:07	75-69-4	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		12/24/19 02:07	96-18-4	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		12/24/19 02:07	95-63-6	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		12/24/19 02:07	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/24/19 02:07	75-01-4	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		12/24/19 02:07	179601-23-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		12/24/19 02:07	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		12/24/19 02:07	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		1		12/24/19 02:07	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		12/24/19 02:07	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 58117011 CAMELOT
Pace Project No.: 40201207

Sample: HCL TRIP **Lab ID: 40201207009** Collected: 12/19/19 00:00 Received: 12/21/19 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.25**	ug/L	1.0	0.25	1		12/24/19 11:00	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		12/24/19 11:00	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		12/24/19 11:00	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		12/24/19 11:00	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		12/24/19 11:00	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		12/24/19 11:00	74-83-9	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		12/24/19 11:00	104-51-8	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		12/24/19 11:00	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		12/24/19 11:00	98-06-6	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		12/24/19 11:00	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/24/19 11:00	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		12/24/19 11:00	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		12/24/19 11:00	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		12/24/19 11:00	74-87-3	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		12/24/19 11:00	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		12/24/19 11:00	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		12/24/19 11:00	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		12/24/19 11:00	124-48-1	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		12/24/19 11:00	106-93-4	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		12/24/19 11:00	74-95-3	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/24/19 11:00	95-50-1	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		12/24/19 11:00	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		12/24/19 11:00	106-46-7	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		12/24/19 11:00	75-71-8	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/24/19 11:00	75-34-3	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/24/19 11:00	107-06-2	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/24/19 11:00	75-35-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		12/24/19 11:00	156-59-2	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		12/24/19 11:00	156-60-5	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		12/24/19 11:00	78-87-5	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		12/24/19 11:00	142-28-9	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		12/24/19 11:00	594-20-7	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		12/24/19 11:00	563-58-6	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		12/24/19 11:00	10061-01-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		12/24/19 11:00	10061-02-6	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		12/24/19 11:00	108-20-3	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		12/24/19 11:00	100-41-4	
Hexachloro-1,3-butadiene	**<1.2**	ug/L	5.0	1.2	1		12/24/19 11:00	87-68-3	
Isopropylbenzene (Cumene)	**<0.39**	ug/L	5.0	0.39	1		12/24/19 11:00	98-82-8	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		12/24/19 11:00	99-87-6	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		12/24/19 11:00	75-09-2	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		12/24/19 11:00	1634-04-4	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		12/24/19 11:00	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		12/24/19 11:00	103-65-1	
Styrene	**<0.47**	ug/L	1.6	0.47	1		12/24/19 11:00	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		12/24/19 11:00	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 58117011 CAMELOT
Pace Project No.: 40201207

Sample: HCL TRIP **Lab ID: 40201207009** Collected: 12/19/19 00:00 Received: 12/21/19 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		12/24/19 11:00	79-34-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/24/19 11:00	127-18-4	
Toluene	**<0.17**	ug/L	5.0	0.17	1		12/24/19 11:00	108-88-3	
1,2,3-Trichlorobenzene	**<0.63**	ug/L	5.0	0.63	1		12/24/19 11:00	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		12/24/19 11:00	120-82-1	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		12/24/19 11:00	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/24/19 11:00	79-00-5	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		12/24/19 11:00	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		12/24/19 11:00	75-69-4	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		12/24/19 11:00	96-18-4	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		12/24/19 11:00	95-63-6	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		12/24/19 11:00	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/24/19 11:00	75-01-4	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		12/24/19 11:00	179601-23-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		12/24/19 11:00	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		12/24/19 11:00	460-00-4	
Dibromofluoromethane (S)	93	%	70-130		1		12/24/19 11:00	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		12/24/19 11:00	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 58117011 CAMELOT
Pace Project No.: 40201207

QC Batch: 344155 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40201207001, 40201207002, 40201207003, 40201207004, 40201207005, 40201207006, 40201207007, 40201207008

METHOD BLANK: 1997901 Matrix: Water
Associated Lab Samples: 40201207001, 40201207002, 40201207003, 40201207004, 40201207005, 40201207006, 40201207007, 40201207008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	12/23/19 17:11	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	12/23/19 17:11	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	12/23/19 17:11	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	12/23/19 17:11	
1,1-Dichloroethane	ug/L	<0.27	1.0	12/23/19 17:11	
1,1-Dichloroethene	ug/L	<0.24	1.0	12/23/19 17:11	
1,1-Dichloropropene	ug/L	<0.54	1.8	12/23/19 17:11	
1,2,3-Trichlorobenzene	ug/L	<0.63	5.0	12/23/19 17:11	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	12/23/19 17:11	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	12/23/19 17:11	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	12/23/19 17:11	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	12/23/19 17:11	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	12/23/19 17:11	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	12/23/19 17:11	
1,2-Dichloroethane	ug/L	<0.28	1.0	12/23/19 17:11	
1,2-Dichloropropane	ug/L	<0.28	1.0	12/23/19 17:11	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	12/23/19 17:11	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	12/23/19 17:11	
1,3-Dichloropropane	ug/L	<0.83	2.8	12/23/19 17:11	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	12/23/19 17:11	
2,2-Dichloropropane	ug/L	<2.3	7.6	12/23/19 17:11	
2-Chlorotoluene	ug/L	<0.93	5.0	12/23/19 17:11	
4-Chlorotoluene	ug/L	<0.76	2.5	12/23/19 17:11	
Benzene	ug/L	<0.25	1.0	12/23/19 17:11	
Bromobenzene	ug/L	<0.24	1.0	12/23/19 17:11	
Bromochloromethane	ug/L	<0.36	5.0	12/23/19 17:11	
Bromodichloromethane	ug/L	<0.36	1.2	12/23/19 17:11	
Bromoform	ug/L	<4.0	13.2	12/23/19 17:11	
Bromomethane	ug/L	<0.97	5.0	12/23/19 17:11	
Carbon tetrachloride	ug/L	<0.17	1.0	12/23/19 17:11	
Chlorobenzene	ug/L	<0.71	2.4	12/23/19 17:11	
Chloroethane	ug/L	<1.3	5.0	12/23/19 17:11	
Chloroform	ug/L	<1.3	5.0	12/23/19 17:11	
Chloromethane	ug/L	<2.2	7.3	12/23/19 17:11	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	12/23/19 17:11	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	12/23/19 17:11	
Dibromochloromethane	ug/L	<2.6	8.7	12/23/19 17:11	
Dibromomethane	ug/L	<0.94	3.1	12/23/19 17:11	
Dichlorodifluoromethane	ug/L	<0.50	5.0	12/23/19 17:11	
Diisopropyl ether	ug/L	<1.9	6.3	12/23/19 17:11	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 58117011 CAMELOT
Pace Project No.: 40201207

METHOD BLANK: 1997901 Matrix: Water
Associated Lab Samples: 40201207001, 40201207002, 40201207003, 40201207004, 40201207005, 40201207006, 40201207007, 40201207008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.22	1.0	12/23/19 17:11	
Hexachloro-1,3-butadiene	ug/L	<1.2	5.0	12/23/19 17:11	
Isopropylbenzene (Cumene)	ug/L	<0.39	5.0	12/23/19 17:11	
m&p-Xylene	ug/L	<0.47	2.0	12/23/19 17:11	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	12/23/19 17:11	
Methylene Chloride	ug/L	<0.58	5.0	12/23/19 17:11	
n-Butylbenzene	ug/L	<0.71	2.4	12/23/19 17:11	
n-Propylbenzene	ug/L	<0.81	5.0	12/23/19 17:11	
Naphthalene	ug/L	<1.2	5.0	12/23/19 17:11	
o-Xylene	ug/L	<0.26	1.0	12/23/19 17:11	
p-Isopropyltoluene	ug/L	<0.80	2.7	12/23/19 17:11	
sec-Butylbenzene	ug/L	<0.85	5.0	12/23/19 17:11	
Styrene	ug/L	<0.47	1.6	12/23/19 17:11	
tert-Butylbenzene	ug/L	<0.30	1.0	12/23/19 17:11	
Tetrachloroethene	ug/L	<0.33	1.1	12/23/19 17:11	
Toluene	ug/L	<0.17	5.0	12/23/19 17:11	
trans-1,2-Dichloroethene	ug/L	<1.1	3.6	12/23/19 17:11	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	12/23/19 17:11	
Trichloroethene	ug/L	<0.26	1.0	12/23/19 17:11	
Trichlorofluoromethane	ug/L	<0.21	1.0	12/23/19 17:11	
Vinyl chloride	ug/L	<0.17	1.0	12/23/19 17:11	
4-Bromofluorobenzene (S)	%	97	70-130	12/23/19 17:11	
Dibromofluoromethane (S)	%	94	70-130	12/23/19 17:11	
Toluene-d8 (S)	%	97	70-130	12/23/19 17:11	

LABORATORY CONTROL SAMPLE: 1997902

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	51.4	103	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	49.3	99	70-130	
1,1,2-Trichloroethane	ug/L	50	51.9	104	70-130	
1,1-Dichloroethane	ug/L	50	72.7	145	73-150	
1,1-Dichloroethene	ug/L	50	54.8	110	73-138	
1,2,4-Trichlorobenzene	ug/L	50	52.9	106	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	49.4	99	64-129	
1,2-Dibromoethane (EDB)	ug/L	50	51.5	103	70-130	
1,2-Dichlorobenzene	ug/L	50	52.4	105	70-130	
1,2-Dichloroethane	ug/L	50	59.2	118	75-140	
1,2-Dichloropropane	ug/L	50	60.0	120	73-135	
1,3-Dichlorobenzene	ug/L	50	51.8	104	70-130	
1,4-Dichlorobenzene	ug/L	50	51.2	102	70-130	
Benzene	ug/L	50	54.6	109	70-130	
Bromodichloromethane	ug/L	50	53.2	106	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 58117011 CAMELOT
Pace Project No.: 40201207

LABORATORY CONTROL SAMPLE: 1997902

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	47.6	95	68-129	
Bromomethane	ug/L	50	36.6	73	18-159	
Carbon tetrachloride	ug/L	50	45.4	91	70-130	
Chlorobenzene	ug/L	50	55.1	110	70-130	
Chloroethane	ug/L	50	57.4	115	53-147	
Chloroform	ug/L	50	50.6	101	74-136	
Chloromethane	ug/L	50	46.0	92	29-115	
cis-1,2-Dichloroethene	ug/L	50	49.8	100	70-130	
cis-1,3-Dichloropropene	ug/L	50	52.9	106	70-130	
Dibromochloromethane	ug/L	50	48.7	97	70-130	
Dichlorodifluoromethane	ug/L	50	26.2	52	10-130	
Ethylbenzene	ug/L	50	52.6	105	80-124	
Isopropylbenzene (Cumene)	ug/L	50	54.3	109	70-130	
m&p-Xylene	ug/L	100	107	107	70-130	
Methyl-tert-butyl ether	ug/L	50	54.5	109	54-137	
Methylene Chloride	ug/L	50	55.8	112	73-138	
o-Xylene	ug/L	50	52.9	106	70-130	
Styrene	ug/L	50	55.2	110	70-130	
Tetrachloroethene	ug/L	50	51.9	104	70-130	
Toluene	ug/L	50	52.9	106	80-126	
trans-1,2-Dichloroethene	ug/L	50	55.4	111	73-145	
trans-1,3-Dichloropropene	ug/L	50	43.3	87	70-130	
Trichloroethene	ug/L	50	56.4	113	70-130	
Trichlorofluoromethane	ug/L	50	54.5	109	76-147	
Vinyl chloride	ug/L	50	52.2	104	51-120	
4-Bromofluorobenzene (S)	%			99	70-130	
Dibromofluoromethane (S)	%			96	70-130	
Toluene-d8 (S)	%			95	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1997974 1997975

Parameter	Units	40201126003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.24	50	50	50.3	49.3	101	99	70-130	2	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	50	50	47.3	45.9	95	92	70-130	3	20	
1,1,2-Trichloroethane	ug/L	<0.55	50	50	48.0	49.0	96	98	70-137	2	20	
1,1-Dichloroethane	ug/L	<0.27	50	50	70.4	69.0	141	138	73-153	2	20	
1,1-Dichloroethene	ug/L	<0.24	50	50	51.5	51.0	103	102	73-138	1	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	50.9	51.0	102	102	70-130	0	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	50	50	44.3	44.2	89	88	58-129	0	20	
1,2-Dibromoethane (EDB)	ug/L	<0.83	50	50	49.7	49.7	99	99	70-130	0	20	
1,2-Dichlorobenzene	ug/L	<0.71	50	50	50.0	49.0	100	98	70-130	2	20	
1,2-Dichloroethane	ug/L	<0.28	50	50	57.0	57.9	114	116	75-140	2	20	
1,2-Dichloropropane	ug/L	<0.28	50	50	56.1	56.2	112	112	71-138	0	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 58117011 CAMELOT
Pace Project No.: 40201207

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1997974 1997975

Parameter	Units	40201126003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,3-Dichlorobenzene	ug/L	<0.63	50	50	49.7	49.1	99	98	70-130	1	20	
1,4-Dichlorobenzene	ug/L	<0.94	50	50	49.2	48.0	98	96	70-130	2	20	
Benzene	ug/L	<0.25	50	50	52.5	51.9	105	104	70-130	1	20	
Bromodichloromethane	ug/L	<0.36	50	50	50.7	49.9	101	100	70-130	2	20	
Bromoform	ug/L	<4.0	50	50	44.7	45.8	89	92	68-129	3	20	
Bromomethane	ug/L	<0.97	50	50	37.8	39.8	76	80	15-170	5	20	
Carbon tetrachloride	ug/L	<0.17	50	50	44.3	44.3	89	89	70-130	0	20	
Chlorobenzene	ug/L	<0.71	50	50	52.1	53.1	104	106	70-130	2	20	
Chloroethane	ug/L	<1.3	50	50	54.2	53.2	108	106	51-148	2	20	
Chloroform	ug/L	<1.3	50	50	49.5	48.4	99	97	74-136	2	20	
Chloromethane	ug/L	<2.2	50	50	44.7	45.8	89	92	23-115	2	20	
cis-1,2-Dichloroethene	ug/L	<0.27	50	50	47.4	48.1	95	96	70-131	2	20	
cis-1,3-Dichloropropene	ug/L	<3.6	50	50	49.5	48.5	99	97	70-130	2	20	
Dibromochloromethane	ug/L	<2.6	50	50	46.5	46.6	93	93	70-130	0	20	
Dichlorodifluoromethane	ug/L	<0.50	50	50	27.3	26.3	55	53	10-132	4	20	
Ethylbenzene	ug/L	<0.22	50	50	49.5	51.1	99	102	80-125	3	20	
Isopropylbenzene (Cumene)	ug/L	<0.39	50	50	51.7	52.4	103	105	70-130	1	20	
m&p-Xylene	ug/L	<0.47	100	100	101	103	101	103	70-130	2	20	
Methyl-tert-butyl ether	ug/L	<1.2	50	50	52.6	52.8	105	106	51-145	0	20	
Methylene Chloride	ug/L	<0.58	50	50	53.0	52.0	106	104	73-140	2	20	
o-Xylene	ug/L	<0.26	50	50	50.8	50.0	102	100	70-130	2	20	
Styrene	ug/L	<0.47	50	50	52.6	52.8	105	106	70-130	0	20	
Tetrachloroethene	ug/L	<0.33	50	50	50.3	51.0	101	102	70-130	1	20	
Toluene	ug/L	<0.17	50	50	50.9	51.6	102	103	80-131	1	20	
trans-1,2-Dichloroethene	ug/L	<1.1	50	50	52.5	53.6	105	107	73-148	2	20	
trans-1,3-Dichloropropene	ug/L	<4.4	50	50	41.9	42.6	84	85	70-130	2	20	
Trichloroethene	ug/L	<0.26	50	50	52.5	52.4	105	105	70-130	0	20	
Trichlorofluoromethane	ug/L	<0.21	50	50	52.4	52.9	105	106	74-147	1	20	
Vinyl chloride	ug/L	0.40J	50	50	51.6	49.9	102	99	41-129	3	20	
4-Bromofluorobenzene (S)	%						98	101	70-130			
Dibromofluoromethane (S)	%						96	96	70-130			
Toluene-d8 (S)	%						96	96	70-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 58117011 CAMELOT
Pace Project No.: 40201207

QC Batch: 344227
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Associated Lab Samples: 40201207009

METHOD BLANK: 1998080
Matrix: Water
Associated Lab Samples: 40201207009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	12/24/19 07:26	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	12/24/19 07:26	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	12/24/19 07:26	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	12/24/19 07:26	
1,1-Dichloroethane	ug/L	<0.27	1.0	12/24/19 07:26	
1,1-Dichloroethene	ug/L	<0.24	1.0	12/24/19 07:26	
1,1-Dichloropropene	ug/L	<0.54	1.8	12/24/19 07:26	
1,2,3-Trichlorobenzene	ug/L	<0.63	5.0	12/24/19 07:26	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	12/24/19 07:26	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	12/24/19 07:26	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	12/24/19 07:26	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	12/24/19 07:26	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	12/24/19 07:26	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	12/24/19 07:26	
1,2-Dichloroethane	ug/L	<0.28	1.0	12/24/19 07:26	
1,2-Dichloropropane	ug/L	<0.28	1.0	12/24/19 07:26	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	12/24/19 07:26	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	12/24/19 07:26	
1,3-Dichloropropane	ug/L	<0.83	2.8	12/24/19 07:26	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	12/24/19 07:26	
2,2-Dichloropropane	ug/L	<2.3	7.6	12/24/19 07:26	
2-Chlorotoluene	ug/L	<0.93	5.0	12/24/19 07:26	
4-Chlorotoluene	ug/L	<0.76	2.5	12/24/19 07:26	
Benzene	ug/L	<0.25	1.0	12/24/19 07:26	
Bromobenzene	ug/L	<0.24	1.0	12/24/19 07:26	
Bromochloromethane	ug/L	<0.36	5.0	12/24/19 07:26	
Bromodichloromethane	ug/L	<0.36	1.2	12/24/19 07:26	
Bromoform	ug/L	<4.0	13.2	12/24/19 07:26	
Bromomethane	ug/L	<0.97	5.0	12/24/19 07:26	
Carbon tetrachloride	ug/L	<0.17	1.0	12/24/19 07:26	
Chlorobenzene	ug/L	<0.71	2.4	12/24/19 07:26	
Chloroethane	ug/L	<1.3	5.0	12/24/19 07:26	
Chloroform	ug/L	<1.3	5.0	12/24/19 07:26	
Chloromethane	ug/L	<2.2	7.3	12/24/19 07:26	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	12/24/19 07:26	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	12/24/19 07:26	
Dibromochloromethane	ug/L	<2.6	8.7	12/24/19 07:26	
Dibromomethane	ug/L	<0.94	3.1	12/24/19 07:26	
Dichlorodifluoromethane	ug/L	<0.50	5.0	12/24/19 07:26	
Diisopropyl ether	ug/L	<1.9	6.3	12/24/19 07:26	
Ethylbenzene	ug/L	<0.22	1.0	12/24/19 07:26	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 58117011 CAMELOT
Pace Project No.: 40201207

METHOD BLANK: 1998080 Matrix: Water
Associated Lab Samples: 40201207009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<1.2	5.0	12/24/19 07:26	
Isopropylbenzene (Cumene)	ug/L	<0.39	5.0	12/24/19 07:26	
m&p-Xylene	ug/L	<0.47	2.0	12/24/19 07:26	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	12/24/19 07:26	
Methylene Chloride	ug/L	<0.58	5.0	12/24/19 07:26	
n-Butylbenzene	ug/L	<0.71	2.4	12/24/19 07:26	
n-Propylbenzene	ug/L	<0.81	5.0	12/24/19 07:26	
Naphthalene	ug/L	<1.2	5.0	12/24/19 07:26	
o-Xylene	ug/L	<0.26	1.0	12/24/19 07:26	
p-Isopropyltoluene	ug/L	<0.80	2.7	12/24/19 07:26	
sec-Butylbenzene	ug/L	<0.85	5.0	12/24/19 07:26	
Styrene	ug/L	<0.47	1.6	12/24/19 07:26	
tert-Butylbenzene	ug/L	<0.30	1.0	12/24/19 07:26	
Tetrachloroethene	ug/L	<0.33	1.1	12/24/19 07:26	
Toluene	ug/L	<0.17	5.0	12/24/19 07:26	
trans-1,2-Dichloroethene	ug/L	<1.1	3.6	12/24/19 07:26	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	12/24/19 07:26	
Trichloroethene	ug/L	<0.26	1.0	12/24/19 07:26	
Trichlorofluoromethane	ug/L	<0.21	1.0	12/24/19 07:26	
Vinyl chloride	ug/L	<0.17	1.0	12/24/19 07:26	
4-Bromofluorobenzene (S)	%	92	70-130	12/24/19 07:26	
Dibromofluoromethane (S)	%	90	70-130	12/24/19 07:26	
Toluene-d8 (S)	%	96	70-130	12/24/19 07:26	

LABORATORY CONTROL SAMPLE: 1998081

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	46.2	92	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	45.0	90	70-130	
1,1,2-Trichloroethane	ug/L	50	47.4	95	70-130	
1,1-Dichloroethane	ug/L	50	60.7	121	73-150	
1,1-Dichloroethene	ug/L	50	45.6	91	73-138	
1,2,4-Trichlorobenzene	ug/L	50	53.8	108	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	43.0	86	64-129	
1,2-Dibromoethane (EDB)	ug/L	50	49.5	99	70-130	
1,2-Dichlorobenzene	ug/L	50	51.3	103	70-130	
1,2-Dichloroethane	ug/L	50	53.1	106	75-140	
1,2-Dichloropropane	ug/L	50	56.2	112	73-135	
1,3-Dichlorobenzene	ug/L	50	52.3	105	70-130	
1,4-Dichlorobenzene	ug/L	50	50.5	101	70-130	
Benzene	ug/L	50	47.0	94	70-130	
Bromodichloromethane	ug/L	50	48.8	98	70-130	
Bromoform	ug/L	50	49.2	98	68-129	
Bromomethane	ug/L	50	31.1	62	18-159	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 58117011 CAMELOT
Pace Project No.: 40201207

LABORATORY CONTROL SAMPLE: 1998081

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	44.0	88	70-130	
Chlorobenzene	ug/L	50	52.7	105	70-130	
Chloroethane	ug/L	50	48.6	97	53-147	
Chloroform	ug/L	50	45.1	90	74-136	
Chloromethane	ug/L	50	41.6	83	29-115	
cis-1,2-Dichloroethene	ug/L	50	43.6	87	70-130	
cis-1,3-Dichloropropene	ug/L	50	48.8	98	70-130	
Dibromochloromethane	ug/L	50	51.0	102	70-130	
Dichlorodifluoromethane	ug/L	50	22.5	45	10-130	
Ethylbenzene	ug/L	50	49.9	100	80-124	
Isopropylbenzene (Cumene)	ug/L	50	51.8	104	70-130	
m&p-Xylene	ug/L	100	101	101	70-130	
Methyl-tert-butyl ether	ug/L	50	44.3	89	54-137	
Methylene Chloride	ug/L	50	46.8	94	73-138	
o-Xylene	ug/L	50	49.0	98	70-130	
Styrene	ug/L	50	51.0	102	70-130	
Tetrachloroethene	ug/L	50	55.2	110	70-130	
Toluene	ug/L	50	50.1	100	80-126	
trans-1,2-Dichloroethene	ug/L	50	47.5	95	73-145	
trans-1,3-Dichloropropene	ug/L	50	41.8	84	70-130	
Trichloroethene	ug/L	50	52.0	104	70-130	
Trichlorofluoromethane	ug/L	50	48.3	97	76-147	
Vinyl chloride	ug/L	50	46.2	92	51-120	
4-Bromofluorobenzene (S)	%			96	70-130	
Dibromofluoromethane (S)	%			90	70-130	
Toluene-d8 (S)	%			93	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: 58117011 CAMELOT
Pace Project No.: 40201207

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 LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

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 at or above the adjusted LOD.

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.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 58117011 CAMELOT
Pace Project No.: 40201207

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40201207001	**MW-2**	EPA 8260	344155		
40201207002	**MW-3**	EPA 8260	344155		
40201207003	**PZ-2**	EPA 8260	344155		
40201207004	**PZ-1**	EPA 8260	344155		
40201207005	**MW-4**	EPA 8260	344155		
40201207006	**MW-5**	EPA 8260	344155		
40201207007	**MW-1**	EPA 8260	344155		
40201207008	**DUP #1**	EPA 8260	344155		
40201207009	**HCL TRIP**	EPA 8260	344227		

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

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CHAIN OF CUSTODY

40201207

BR

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)	
Company Name:	Terracon
Branch/Location:	Franklin WI
Project Contact:	Tim Welch
Phone:	414 423 0255
Project Number:	58117011
Project Name:	Camelot
Project State:	WI
Sampled By (Print):	Lucas P. Chahla
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	Tim Welch
Mail To Company:	Terracon
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	Terracon
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes

A = Air	W = Water
B = Biota	DW = Drinking Water
C = Charcoal	GW = Ground Water
O = Oil	SW = Surface Water
S = Soil	WW = Waste Water
SI = Sludge	WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
							VOCs			
001	MW-2	12-11-19	1030	GW	N	B	3			
002	MW-3		1125				3			
003	PZ-2		1155				3			
004	PZ-1		925				3			
005	MW-4		1235				3			
006	MW-5		1305				3			
007	MW-1		1335				3			
008	DUP #1		—				3			
009	HCL TRIP	↓	—	↓			2			

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed: 5 DAY

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
	1420 12-20-19		
Relinquished By:	Date/Time:	Received By:	Date/Time:
CS Logistics	12/21/19 0821	Alleon	12/21/19 0821
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:

PACE Project No.
40201207

Receipt Temp = 20.1 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal
(Present) / Not Present
(Intact) / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

Pace Container Order #575873

40201207

Order By :		Ship To :		Return To:	
Company	Terracon, Inc. - Franklin	Company	Terracon, Inc. - Franklin	Company	Pace Analytical Green Bay
Contact	Chabela, Lucas	Contact	Chabela, Lucas	Contact	Milewsky, Dan
Email	lucas.chabela@terracon.com	Email	lucas.chabela@terracon.com	Email	dan.milewsky@pacelabs.com
Address	9856 South 57th Street	Address	9856 South 57th Street	Address	1241 Bellevue Street
Address 2		Address 2		Address 2	Suite 9
City	Franklin	City	Franklin	City	Green Bay
State	WI Zip 53132	State	WI Zip 53132	State	WI Zip 54302
Phone	NONE	Phone	NONE	Phone	(920)469-2436

Info

Project Name	58117011- Former Camelot Cleaners	**Due Date**	12/16/2019	**Profile**	x	**Quote**	
Project	Milewsky, Dan	**Return**		**Carrier**	Most Economical	**Locatio**	

Trip Blanks

- [X] Include Trip Blanks

Bottle Labels

- [X] Blank
- [ ] Pre-Printed No Sample IDs
- [ ] Pre-Printed With Sample IDs

Bottles

- [ ] Boxed Cases
- [ ] Individually Wrapped
- [ ] Grouped By Sample

Return Shipping Labels

- [ ] No Shipper
- [ ] With Shipper

COC Options

- [X] Number of Blanks: 1
- [ ] Pre-Printed

Misc

- [ ] Sampling Instructions
- [ ] Custody Seal
- [ ] Temp. Blanks
- [X] Coolers
- [ ] Syringes
- [ ] Extra Bubble Wrap
- [ ] Short Hold/Rush
- [ ] DI Liter(s)
- [ ] USDA Regulated Soils

# of Samples	Matrix	Test	Container	Total	# of	Lot #	Notes
1	WT	Trip BLANK	2-40mL HCL w/custody seal	2	0	B-9-170-01VB	
9	WT	VOC WI List	3-40ml clear vial HCl-hydrochloric acid	27	0	B-9-302-01VB	

Hazard Shipping Placard In Place : NA

*Sample receiving hours are Monday through Friday 8:00 am to 6:00 pm and Saturday from 9:00 am to 12:00 pm unless special arrangements are made with your project manager.

*Pace Analytical reserves the right to return hazardous, toxic, or radioactive samples to you.

*Pace Analytical reserves the right to charge for unused bottles, as well as cost associated with sample

*Payment term are net 30 days.

*Please include the proposal number on the chain of custody to insure proper billing.

LAB USE:

Ship Date :	12/13/2019
Prepared By:	Mai Yer Her
Verified By:	

Sample

CLIENT USE (Optional):

Date Rec'd:	
Received By:	
Verified By:	

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Sample Preservation Receipt Form

Client Name: Terracon Project # 40201207

All containers needing preservation have been checked and noted below: □Yes □No ☑N/A

Initial when completed: Date/ Time:

Lab Lot# of pH paper: Lab Std #ID of preservation (if pH adjusted):

	Glass							Plastic							Vials						Jars			General							
Pace Lab #	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3B	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU	WPFU	SP5T	ZPLC	GN	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001																		3															2.5 / 5 / 10
002																		3															2.5 / 5 / 10
003																		3															2.5 / 5 / 10
004																		3															2.5 / 5 / 10
005																		3															2.5 / 5 / 10
006																		3															2.5 / 5 / 10
007																		3															2.5 / 5 / 10
008																		3															2.5 / 5 / 10
009																		2															2.5 / 5 / 10
010																																	2.5 / 5 / 10
011																																	2.5 / 5 / 10
012																																	2.5 / 5 / 10
013																																	2.5 / 5 / 10
014																																	2.5 / 5 / 10
015																																	2.5 / 5 / 10
016																						dx 12/24/20											2.5 / 5 / 10
017																																	2.5 / 5 / 10
018																																	2.5 / 5 / 10
019																																	2.5 / 5 / 10
020																																	2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : □Yes ☑No □N/A ***If yes look in headspace column**

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	DG9A	40 mL amber ascorbic	JGFU	4 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP2N	500 mL plastic HNO3	DG9T	40 mL amber Na Thio	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH, Znact	VG9U	40 mL clear vial unpres	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3U	250 mL plastic unpres	VG9H	40 mL clear vial HCL		
AG5U	100 mL amber glass unpres	BP3B	250 mL plastic NaOH	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres	BP3S	250 mL plastic H2SO4			GN:	

Pace Analytical™ 1241 Bellevue Street, Green Bay, WI 54302	Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: 25Apr2018
	Document No.: F-GB-C-031-Rev.07	Issuing Authority: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #: WO#: 40201207

Client Name: Terracon

Courier: ☑ CS Logistics ☐ Fed Ex ☐ Speedee ☐ UPS ☐ Waltco ☐ Client ☐ Pace Other: _____

Tracking #: _____

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

Custody Seal on Samples Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

Thermometer Used SR - NA **Type of Ice:** (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: RU /Corr: _____

Temp Blank Present: ☐ yes ☑ no **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

Person examining contents:
Date: 12/21/19
Initials: CAS

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	5.
- VOA Samples frozen upon receipt	☑Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No	6.
Rush Turn Around Time Requested:	☐Yes ☑No	7.
Sufficient Volume: For Analysis: ☑Yes ☐No MS/MSD: ☐Yes ☑No ☐N/A		8.
Correct Containers Used:	☑Yes ☐No	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☑N/A	
Containers Intact:	☑Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC: 12/21/19	☑Yes ☐No ☐N/A	12. 003 time 0935, 004 time 1155
-Includes date/time/ID/Analysis Matrix: W		
Trip Blank Present:	☑Yes ☐No ☐N/A	13.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 438		

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: AL for DM **Date:** 12/21/19

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

December 26, 2019

Tim Welch
Terracon WI
9856 S. 57th. St.
Franklin, WI 53132

RE: Project: 58117011 Former Camelot
Pace Project No.: 10503657

Dear Tim Welch:
Enclosed are the analytical results for sample(s) received by the laboratory on December 23, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Kirsten Hogberg
kirsten.hogberg@pacelabs.com
(612)607-1700
Project Manager

Enclosures

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: 58117011 Former Camelot
Pace Project No.: 10503657

Pace Analytical Services Minneapolis

A2LA Certification #: 2926.01
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014
Arkansas DW Certification #: MN00064
Arkansas WW Certification #: 88-0680
California Certification #: 2929
CNMI Saipan Certification #: MP0003
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605
Georgia Certification #: 959
Guam EPA Certification #: MN00064
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: 03086
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064
Maryland Certification #: 322
Massachusetts Certification #: M-MN064
Massachusetts DWP Certification #: via MN 027-053-137
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137
Minnesota Dept of Ag Certifcation #: via MN 027-053-137
Minnesota Petrofund Certification #: 1240
Mississippi Certification #: MN00064
Missouri Certification #: 10100
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081
New Jersey Certification #: MN002
New York Certification #: 11647
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Primary Certification #: MN300001
Oregon Secondary Certification #: MN200001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification #: MN00064
South Carolina Certification #:74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Vermont Certification #: VT-027053137
Virginia Certification #: 460163
Washington Certification #: C486
West Virginia DEP Certification #: 382
West Virginia DW Certification #: 9952 C
Wisconsin Certification #: 999407970
Wyoming UST Certification #: via A2LA 2926.01

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1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE SUMMARY

Project: 58117011 Former Camelot
Pace Project No.: 10503657

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10503657001	**MH-1**	Air	12/20/19 10:33	12/23/19 10:10

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1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE ANALYTE COUNT

Project: 58117011 Former Camelot
Pace Project No.: 10503657

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10503657001	**MH-1**	TO-15	MLS	5	PASI-M

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Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: 58117011 Former Camelot
Pace Project No.: 10503657

Sample: MH-1 **Lab ID: 10503657001** Collected: 12/20/19 10:33 Received: 12/23/19 10:10 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
cis-1,2-Dichloroethene	**<0.39**	ug/m3	1.4	0.39	1.79		12/24/19 23:40	156-59-2	
trans-1,2-Dichloroethene	**<0.51**	ug/m3	1.4	0.51	1.79		12/24/19 23:40	156-60-5	
Tetrachloroethene	**13.7**	ug/m3	1.2	0.56	1.79		12/24/19 23:40	127-18-4	
Trichloroethene	**<0.45**	ug/m3	0.98	0.45	1.79		12/24/19 23:40	79-01-6	
Vinyl chloride	**<0.23**	ug/m3	0.47	0.23	1.79		12/24/19 23:40	75-01-4	

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QUALITY CONTROL DATA

Project: 58117011 Former Camelot
Pace Project No.: 10503657

QC Batch: 651669
QC Batch Method: TO-15
Analysis Method: TO-15
Analysis Description: TO15 MSV AIR Low Level
Associated Lab Samples: 10503657001

METHOD BLANK: 3504457
Matrix: Air
Associated Lab Samples: 10503657001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/m3	<0.22	0.81	12/24/19 11:00	
Tetrachloroethene	ug/m3	<0.31	0.69	12/24/19 11:00	
trans-1,2-Dichloroethene	ug/m3	<0.28	0.81	12/24/19 11:00	
Trichloroethene	ug/m3	<0.25	0.55	12/24/19 11:00	
Vinyl chloride	ug/m3	<0.13	0.26	12/24/19 11:00	

LABORATORY CONTROL SAMPLE: 3504458

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/m3	40.3	45.4	113	70-130	
Tetrachloroethene	ug/m3	68.9	75.8	110	70-130	
trans-1,2-Dichloroethene	ug/m3	40.3	46.4	115	70-130	
Trichloroethene	ug/m3	54.6	56.1	103	70-130	
Vinyl chloride	ug/m3	26	26.7	103	70-130	

SAMPLE DUPLICATE: 3505320

Parameter	Units	10503692005 Result	Dup Result	RPD	Max RPD	Qualifiers
cis-1,2-Dichloroethene	ug/m3	ND	<0.33		25	
Tetrachloroethene	ug/m3	3.9	3.8	2	25	
trans-1,2-Dichloroethene	ug/m3	ND	<0.42		25	
Trichloroethene	ug/m3	ND	<0.38		25	
Vinyl chloride	ug/m3	ND	<0.19		25	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALIFIERS

Project: 58117011 Former Camelot
Pace Project No.: 10503657

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 LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

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 at or above the adjusted LOD.

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.

LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 58117011 Former Camelot
Pace Project No.: 10503657

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10503657001	**MH-1**	TO-15	651669		

Pace Analytical®
www.pacelabs.com

AIR: CHAIN-OF-CUSTODY / Analytical Request Document

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

43099

Page: 1 of 1

Section A Required Client Information:

Company: Terracon
Address: 9856 S 37th St.
Franklin, WI
Email To: Tim.welch@Terracon.com
Phone: 414-423-0255 Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Tim Welch
Copy To:
Purchase Order No.:
Project Name: Former Camelot
Project Number: 58117011

Section C Invoice Information:

Attention: Tim Welch
Company Name: Terracon
Address: 9856 S 37th St.
Pace Quote Reference:
Pace Project Manager/Sales Rep.
Pace Profile #: 31924 L2

Program: ☐ UST ☐ Superfund ☐ Emissions ☐ Clean Air Act ☐ Voluntary Clean Up ☐ Dry Clean ☐ RCRA ☐ Other

Location of Sampling by State: WI

Reporting Units: ug/m³ X mg/m³ PPBV PPMV Other

Report Level: II. III. IV. Other

'Section D Required Client Information

AIR SAMPLE ID
Sample IDs MUST BE UNIQUE

Valid Media Codes

MEDIA	CODE
Tedlar Bag	TB
1 Liter Summa Can	1LC
6 Liter Summa Can	6LC
Low Volume Puff	LVP
High Volume Puff	HVP
Other	PM10

ITEM #	AIR SAMPLE ID	MEDIA CODE	PID Reading (Client only)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	Canister Pressure (Initial Field - in Hg)	Canister Pressure (Final Field - in Hg)	Summa Can Number	Flow Control Number	Method: PM10	3C - Fixed Gas (%)	TO-3 BTEX	TO-3M (Methane)	TO-14	TO-15 Full List VOCs	TO-15 Short List BTEX	TO-15 Short List Chlorinated	TO-15 Short List (other)	Pace Lab ID
1	MH-1	6LC		12-20-19	1003	12-20-19	1033	28	8	3667	588									X	
2																CVOC's					
3																PCE					
4																TCE					
5																TRANS DCE					
6																CIS DCE					
7																VINYL CHLORIDE					
8																					
9																					
10																					
11																					
12																					

Comments :

WO# : 10503657

10503657

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
[signature] - Terracon	12-20-19	1600	IJ - PACE	12/23/19	10:10

SAMPLE CONDITIONS

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Lucas Chmielewski

SIGNATURE of SAMPLER: [signature] DATE Signed (MM / DD / YY): 12-20-19

ORIGINAL

Pace Analytical®	Document Name: Air Sample Condition Upon Receipt	Document Revised: 14Oct2019 Page 1 of 1
	Document No.: F-MN-A-106-rev.19	Issuing Authority: Pace Minnesota Quality Office

Air Sample Condition Upon Receipt **Client Name:** terr@con **Project #:** **WO#: 10503657**

PM: KNH **Due Date: 12/31/19**

CLIENT: Terracon-WI

Courier: ☒Fed Ex ☐UPS ☐USPS ☐Client ☐Pace ☐SpeeDee ☐Commercial **See Exception** ☐

Tracking Number: 1083 6283 3156

Custody Seal on Cooler/Box Present? ☐Yes ☒No **Seals Intact?** ☐Yes ☒No

Packing Material: ☐Bubble Wrap ☐Bubble Bags ☒Foam ☐None ☐Tin Can ☐Other:_____ **Temp Blank rec:** ☐Yes ☒No

Temp. (TO17 and TO13 samples only) (°C): _____ **Corrected Temp (°C):** _____ **Thermometer Used:** ☐G87A9170600254 ☐G87A9155100842

Temp should be above freezing to 6°C **Correction Factor:** _____ **Date & Initials of Person Examining Contents:** 12/23/19 IS

Type of ice Received ☐Blue ☐Wet ☒None

		Comments:
Chain of Custody Present?	☒Yes ☐No	1.
Chain of Custody Filled Out?	☒Yes ☐No	2.
Chain of Custody Relinquished?	☒Yes ☐No	3.
Sampler Name and/or Signature on COC?	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time?	☒Yes ☐No	5.
Short Hold Time Analysis (<72 hr)?	☐Yes ☒No	6.
Rush Turn Around Time Requested?	☐Yes ☒No	7.
Sufficient Volume?	☒Yes ☐No	8.
Correct Containers Used?	☒Yes ☐No	9.
-Pace Containers Used?	☒Yes ☐No	
Containers Intact?	☒Yes ☐No	10.
Media: Air Can Airbag Filter TDT Passive		11. Individually Certified Cans Y (N) (list which samples)
Is sufficient information available to reconcile samples to the COC?	☒Yes ☐No	12.
Do cans need to be pressurized? **(DO NOT PRESSURIZE 3C or ASTM 1946!!!)**	☐Yes ☐No	13.

Gauge # ☒10AIR26 ☐10AIR34 ☐10AIR35 ☐4097

Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
MFL-1	3667	588	-7.5	-5					

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐Yes ☐No

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

Project Manager Review: Kristen Hopfer **Date:** 12/23/2019

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)

SVE Decommissioning Photographs
Former Camelot Cleaners ■ Wausau, Wisconsin
Terracon Project No. 5811711
Date Photos Taken: December 19, 2019

Photo #1 Photograph of SVE system before removal.

Photo #2 Photograph of SVE system component locations after removal.

Photo #3 Photograph of temporarily capped pipping below ~ 6 inches of topsoil.

Photo #4 Photograph of manhole vapor location MH-1.

Photo #5 Photograph of vapor sampling procedures at MH-1.

Photo #6 Photograph of vapor sampling locations MH-1 compared to onsite building.

Date: 8-8-07

SPECIAL DISCHARGE FORM

GROUNDWATER CLEANUP PROJECTS

This form is intended to document the discharge of contaminated groundwater or process waters into the Wausau Wastewater Treatment Facility. Sewerage Utility billing for this discharge will be directly to the party listed below.

Source of Water: Monitoring well purge water
Up to 500 gallons, no free product, no strong or volatile odors

Party Responsible for Utility Charges:
Dave Larsen
REI Engineering Inc.
4080 N 20th Ave
Wausau WI 54401

Approved By: _____
Wausau Sewerage Utility

TO BE COMPLETED BY WASTE HAULER

Name of Waste Hauler:
REI Engineering,Inc.

Disposal date 12/05/19

Approximate quantity of water discharged: 290gallons

Date of Discharge: 12/5/19

Time of Discharge: _____

By submitting this form, the hauler will not be billed for this load. Special Discharge Request has been completed to obtain authorization for this discharge but please notify treatment plant operator if water contains oil, grease, solids, or sediments, has a strong odor or otherwise appears unsuitable for discharge into the treatment plant.

THIS FORM TO BE SUBMITTED TO SEWERAGE UTILITY BY WASTE HAULER AT TIME OF DISCHARGE

TerraCon	9052		160 Gal
Frontieer	1A	531	130 Gal