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**GROUNDWATER INVESTIGATION
REPORT**

**LAUNDRY BASKET
300 S MAIN STREET
LUCK, WI 54853**

**BRRTS #02-49-544893
REI PROJECT #11003**



**COMPREHENSIVE
SERVICES WITH
PRACTICAL
SOLUTIONS**



GROUNDWATER INVESTIGATION REPORT

**LAUNDRY BASKET
300 S MAIN STREET
LUCK, WI 54853**

**BRRTS #02-49-544893
REI PROJECT #11003**



**PREPARED FOR:
WISCONSIN DEPARTMENT OF NATURAL RESOURCES
ATTN: MR. PHIL RICHARD
875 S. 4TH AVENUE
PARK FALLS, WI 54552**

DECEMBER 2023

**GROUNDWATER INVESTIGATION REPORT
LAUNDRY BASKET
300 S MAIN STREET
LUCK, WI 54853**

**BRRTS #02-49-544893
REI PROJECT #11003**

The recommendations contained in this report are based on the information obtained from our study of the site and were arrived at in accordance with accepted hydrogeologic and engineering practices at this time and location.

"I, Chase J. Kresl, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, am registered in accordance with the requirements of Ch. GHSS 2, Wis. Adm. Code, or licensed in accordance with the requirements of Ch. GHSS 3, Wis. Admn. Code, and that to the best of my knowledge, all the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code."

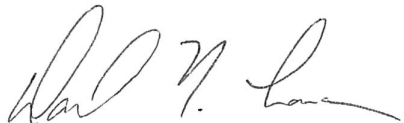


Hydrogeologist

12/15/2023

Date

"I, David Larsen, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, am registered in accordance with the requirements of Ch. GHSS 2, Wis. Adm. Code, or licensed in accordance with the requirements of Ch. GHSS 3, Wis. Admn. Code, and that to the best of my knowledge, all the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code."



Hydrogeologist

12/15/2023

Date

LIST OF TABLES

Table 1	Summary of Groundwater Analytical Results - VOCs
Table 2	Summary of Groundwater Analytical Results – Other Parameters
Table 3	Groundwater Elevation Data

LIST OF FIGURES

Figure 1	Site Vicinity Map
Figure 2	Detailed Site Map
Figure 3	Groundwater Contamination Map (Shallow)
Figure 4	Groundwater Contamination Map (Mid)
Figure 5	Groundwater Contamination Map (Deep)
Figure 6	Groundwater Contour Map (Monitoring Wells)
Figure 7	Groundwater Contour Map (Deep Wells)

LIST OF APPENDICES

Appendix A	Methods and Procedures
Appendix B	Graphs Depicting CVOC Concentrations Over Time
Appendix C	Laboratory Analytical Report
Appendix D	Disposal Documentation

December 15, 2023



Wisconsin Department of Natural Resources

Attn: Mr. Phil Richard

875 S. 4th Avenue

Park Falls, WI 54552



Subject:

Groundwater Investigation Report
Laundry Basket
300 S Main Street
Luck, WI 54853

Dear Mr. Richard:

The purpose of this correspondence is to provide the results of the Groundwater Investigation conducted at the above referenced location. The site location is shown on the attached Figure 1.

BACKGROUND

The Site has been the subject of remedial investigation since 2006. It was originally operated as a gas station until 1973 when two leaded gasoline underground storage tanks (USTs) were removed from the northeast side of the property. The Site then transitioned to a dry cleaner operation until it closed in 2009. Since then, it has been used as a laundromat (with no dry-cleaning services). Both petroleum and chlorinated VOC (CVOCs) impacts exist at the Site.

Contamination from the petroleum USTs was addressed under a separate LUST case (BRRTS #03-49-548292) that closed with continuing obligations on February 2, 2010. CVOC impacts are currently being addressed under the open ERP case (BRRTS #02- 49-544893).

Site investigation activities have identified CVOCs including tetrachloroethylene (PCE), trichloroethylene (TCE) and daughter compounds cis-1,2-dichloroethylene (cis 1,2 DCE) and vinyl chloride (VC) in soil and groundwater. Remedial actions have included in-situ reductive dechlorination and installation of a vapor mitigation system at the source property. Groundwater monitoring shows that enforcement standard (ES) and preventive action limit (PAL) exceedances persist at the source property and continue to expand off site to the west and northwest towards the Village of Luck municipal well #2.

The monitoring well network is comprised of 38 wells, all of which were sampled to determine the current extent of CVOC contamination in groundwater and the potential for reductive dichlorination.

SUMMARY OF FIELDWORK

Field activities were conducted according to the April 2023 WDNR Scope of Work document. Contractor responsibilities for field work included obtaining groundwater elevations, purging of each monitoring well before sampling, measuring and recording of field parameters including temperature, specific conductance, dissolved oxygen, pH, salinity, and ORP, and collecting groundwater samples from the 38 wells in accordance with Wis. Admin. Code chs. NR 140 and NR



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715-675-9784 REIengineering.com

141. REI submitted a Health and Safety Plan and Quality Assurance/Quality Control Plan to the WDNR, both of which were received on July 31, 2023.

REI personnel mobilized to the site on November 1 and 2, 2023, to conduct low-flow groundwater sampling across the groundwater monitoring well network. REI collected groundwater samples from the thirty-eight (38) wells identified in the WDNR work scope for laboratory analysis of Chlorinated Volatile Organic Compounds (CVOCs), ethane, ethene, methane, nitrogen (NO_3+NO_2), ferrous iron, and total organic carbon (TOC). All samples were placed on ice in laboratory provided containers and submitted to a State Certified Laboratory, Pace Analytical, for analysis following proper chain of custody procedures.

REI obtained groundwater elevations from each monitoring well prior to purging and purged each well before sampling according to Wis. Admin. Code § NR 140.16 Purge water was properly containerized and disposed of. REI measured field parameters (temperature, specific conductance, dissolved oxygen, pH, salinity, ORP, and salinity) using a multi-meter with a flow-through cell when parameters had stabilized and before samples were collected for lab analyses. REI collected duplicate samples according to the previously submitted QA/QC Plan, with one (1) duplicate sample being collected for every fifteen (15) samples collected. Therefore, a total of forty-one (41) samples were collected from the thirty-eighty (38) wells.

REI also conducted an evaluation of monitoring well condition and made repairs as necessary. Repairs included cut-down of PVC in cases of flush mount compromise, bolt replacement in flush mounts, and lock replacement on stick-up monitoring wells.

Methods and Procedures for low-flow sample collection and potable well sample collection are included as Appendix A. Documentation for proper disposal of purge water at the Wausau Wastewater Treatment Plant is included in Appendix D.

GROUNDWATER ANALYTICAL RESULTS

As discussed above, REI collected groundwater samples from the thirty-eighty (38) wells for laboratory analysis of CVOCs, ethane, ethene, methane, nitrogen (NO_3+NO_2), ferrous iron, and total TOC. Three (3) duplicate samples were also collected for laboratory analysis. Field parameters including temperature, specific conductance, dissolved oxygen, pH, salinity, and ORP were collected from each well. The laboratory analytical report is included as Appendix C. Groundwater analytical results are summarized on Tables 1 and 2, and groundwater elevation data is summarized on Table 3.

Groundwater flow direction was determined to be from east to west across the site in both shallow and deep wells as depicted in Figures 6 and 7. Shallow CVOC groundwater contamination was noted in wells located nearest the source property, and in wells MW-15S and MW-16S. The ES was exceeded in four (4) shallow wells, including MW-1, MW-5, and MW-7EQ on the downgradient side of the source property, and in MW-16S on the hardwoods property. ES exceedances have been common in these wells. PAL exceedances were also noted in wells immediately surrounding the source property (MW-2, MW-3, MW-4, and MW-6 as well as in the other shallow well on the hardwoods property, MW-15S.

Middle interval CVOC contamination was encountered in four (4) wells located on/around the hardwoods property. ES exceedances were noted in MW-13D and MW-16D. ES exceedances have

also been common in these wells. There were no exceedances of state standards in deeper wells, and the Village of Luck Municipal Well #2 was non-detect for all CVOCs. Groundwater isoconcentration maps in shallow, mid, and deep monitoring wells are included as Figures 3, 4, and 5, respectively. Graphs showing individual CVOC concentrations over time at monitoring wells MW-1, MW-5, MW-6, MW-7 Equity, MW-13D, MW-15D, and MW-16D are included as Appendix B. Groundwater sampling field sheets are included as Appendix E.

CONCLUSIONS AND RECOMMENDATIONS

REI has completed groundwater sampling of the Laundry Basket thirty-eight (38) well network located in Luck, WI as stipulated in the April 2023 WDNR Scope of Work document. Laboratory analytical results revealed detections of CVOCs above state standards at the source property and beneath the hardwoods property. Direct comparison of contaminant concentrations with historical results in key wells (MW-1, MW-5, MW-6, MW-13D, MW-15D, MW-16D, and MW-7EQ) reveals significant reductions of PCE and TCE concentrations in each of these wells except MW-7EQ, located immediately downgradient of the source property.

Overall, the chlorinated contaminant plume was found to have reduced both in extent and concentration across the site and at varying depths. The vertical and horizontal extent of the contaminant plume remains defined. Laboratory analytical results from the deeper interval wells did not reveal any exceedances of state standards. This is noteworthy as PCE PAL exceedances have been common in MW-10-50, located nearest, and upgradient of, the Village of Luck Municipal Well #2.

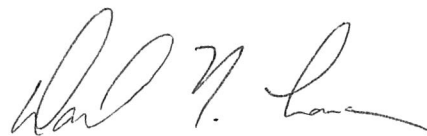
Based on the above discussed results, REI recommends additional sampling of the monitoring well network in 2024. Although the plume has reduced in size and concentration in 2023, sampling results still indicate the presence of a CVOC plume in shallow and middle interval groundwater beneath the Village of Luck, including a PCE PAL exceedance in the middle interval well located approximately one hundred (100) feet upgradient of the Village of Luck Municipal Well #2. Additionally, despite the decreasing trends of CVOC concentrations in shallow monitoring wells located around the source property, CVOC concentrations remain high in the area. The presence of PCE and TCE contamination in groundwater located several feet below commercial buildings in the Village of Luck at several times the ES still presents a hazard worth further evaluation. Therefore, additional monitoring should be conducted to evaluate potential risk to the municipal well with plume migration and to evaluate potential risk to occupants of commercial/municipal buildings in Village of Luck buildings overlying shallow CVOC groundwater contamination.

If you have any questions or comments, please contact our office at (715) 675-9784 or electronically at ckresl@reiengineering.com

Sincerely,
REI Engineering, Inc.



Chase J. Kresl, P.G.
Hydrogeologist



David Larsen, P.G.
Senior Hydrogeologist

Attachments:	Table 1	Summary of Groundwater Analytical Results - VOCs
	Table 2	Summary of Groundwater Analytical Results – Other Parameters
	Table 3	Groundwater Elevation Data
	Figure 1	Site Vicinity Map
	Figure 2	Detailed Site Map
	Figure 3	Groundwater Contamination Map (Shallow)
	Figure 4	Groundwater Contamination Map (Mid)
	Figure 5	Groundwater Contamination Map (Deep)
	Figure 6	Groundwater Contour Map (Monitoring Wells)
	Figure 7	Groundwater Contour Map (Deep Wells)
	Figure 8	Cross Section Overview
	Figure 9	Cross Section A-A'
	Figure 10	Cross Section B-B'
	Figure 11	Cross Section C-C'
	Appendix A	– Methods and Procedures
	Appendix B	– Graphs Depicting CVOC Concentrations Over Time
	Appendix C	– Laboratory Analytical Report
	Appendix D	– Disposal Documentation
	Appendix E	– Groundwater Sampling Field Sheets

Table 1a
Groundwater Analytical Results
MW1
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893

Reported/Collected By-->				MSA															
Date-->				13-Apr-06	17-Aug-06	13-Dec-06	2-May-07	28-Jan-08	23-Apr-08	14-May-08	27-Aug-08	24-Nov-08	14-Jul-09	2-Jun-11	18-Nov-11	13-Feb-12	15-May-12	29-Aug-12	7-Jan-13
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)																
Benzene	71-43-2	5	0.5	260	41	20	44	36	52	54	49	40	110	29	59	200	151	120	60
Ethylbenzene	100-41-4	700	140	<i>500</i>	100	22	89	42	39	57	64	42	<i>200</i>	33	35	<i>150</i>	<i>75.2</i>	<i>176</i>	94.5
Toluene	108-88-3	800	160	2,000	150	<50	140	38	61	130	100	86	<i>230</i>	57	86	<i>470</i>	177	180	83.2
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	<3.2	<1.6	<10	<3.2	<i>16</i>	<i>27</i>	<1.9	<0.19	<19	<19	<20	<10	<10	<20.0	<20.0	<20.0
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	1,060	<i>188</i>	13	<i>108</i>	46	55	80	63	43	<i>211</i>	23	28	79	45.6	169.8	75.6
Xylenes ²	1330-20-7	2,000	400	2,400	280	20	200	61	107	160	110	100	380	73	85	260	154	334	196
n-Butylbenzene	104-51-8	--	--	<2.4	21	<10	<2.4	-	-	<2.3	1.8	<23	<23	<8.0	<4.0	4.5	<20.0	<20.0	<20.0
sec-Butylbenzene	135-98-8	--	--	10	<1.4	<10	<2.8	-	-	<2.2	1.1	<22	<22	<10	<5.0	<5.0	<20.0	<20.0	<20.0
tert-Butylbenzene	98-06-6	--	--	-	-	-	-	-	-	-	-	-	<20	<8.0	<4.0	<4.0	<20.0	<20.0	<20.0
1,2-Dichloroethane	107-06-2	5	0.5	8.3	<1.7	<10	<3.4	-	-	<2.7	<0.27	<27	<27	<20	<10	<10	<20.0	<20.0	<20.0
1,1-Dichloroethene	75-35-4	7	0.7	<4.4	<2.2	<10	<4.4	-	-	<5.0	<0.50	<50	<50	<20	<10	<10	<20.0	<20.0	<20.0
cis-1,2-Dichloroethene	156-59-2	70	7	91	74	220	120	-	-	260	360	250	390	150	520	400	259	380	394
trans-1,2-Dichloroethene	156-60-5	100	20	<0.32	<1.6	<10	<3.3	-	-	<3.0	1.7	<30	<30	<20	<10	<10	<20.0	<20.0	<20.0
Isopropylbenzene (cumene)	98-82-8	--	--	49	12	<10	8.3	-	-	5.4	7.4	<19	19	<8.0	12	25	<20.0	21.3	<20.0
p-Isopropyltoluene	99-87-6	--	--	14	8.8	<10	<2.9	-	-	4.1	3.4	<21	<21	<8.0	<4.0	<4.0	<20.0	<20.0	<20.0
Methylene Chloride	75-09-2	5	0.5	-	-	-	-	-	-	<3.0	<0.30	44	<30	<40	<20	<20	<80.0	<80.0	<80.0
Naphthalene	91-20-3	100	10	220	49	<50	46	26	32	25	35	36	220	15	22	89	<80.0	<i>98.4</i>	<80.0
n-Propylbenzene	103-65-1	--	--	91	22	<10	12	-	-	6	7.6	<22	26	<20	<10	22	<20.0	24	<20.0
Styrene	100-42-5	100	10	<2.7	<1.3	<10	<2.7	-	-	<3.8	1.2	<38	<38	<20	<10	<10	<20.0	<20.0	<20.0
Tetrachloroethene (PCE)	127-18-4	5	0.5	250	570	1,400	1,400	-	-	3,500	4,800	2,900	4,100	1,700	8,400	4,000	1,800	2,660	2,200
Trichloroethene (TCE)	79-01-6	5	0.5	23	30	100	52	-	-	<3.7	130	140	140	28	340	180	129	108	122
Vinyl chloride	75-01-4	0.2	0.02	<3.1	<1.5	<10	<3.1	-	-	<2.7	<0.27	<27	<27	<8.0	<4.0	<4.0	<8.0	<8.0	<8.0

Reported/Collected By-->				MSA												REI	
Date-->				31-Jul-13	27-Oct-13	26-Feb-14	27-May-14	11-Aug-14	16-Jul-15	22-Oct-15	28-Jun-16	13-Sep-16	13-Dec-16	15-Mar-17	25-Jun-19	4-Dec-19	1-Nov-23
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)														
Benzene	71-43-2	5	0.5	120	136	146	110	151	125	62.1	173	56.8	71	85.6	27.4	60.7	-
Ethylbenzene	100-41-4	700	140	120	62.7	148	68.3	72.4	117	52.6	89.7	57.3	77	62.7	23.3	85.4	-
Toluene	108-88-3	800	160	253	113	576	226	155	145	32.9	47.5	28	57.7	49.5	24.7	59.4	-
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	<20.0	<20.0	<5.0	<5.0	<2.0	<0.20	<0.87	<0.047	<0.15	<0.74	<0.74	<0.16	<0.32	-
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	<i>167.8</i>	<i>92.5</i>	<i>475</i>	<i>158</i>	<i>121</i>	<i>192</i>	<i>129</i>	<i>151.4</i>	<i>58.1</i>	<i>102.7</i>	<i>331.3</i>	<i>474</i>	-	
Xylenes ²	1330-20-7	2,000	400	475	175	<i>1,360</i>	456	287	433	199	219	106	214	186	418	739	-
n-Butylbenzene	104-51-8	--	--	<20.0	<20.0	<5.0	<2.0	4.3	3.1	3.8	3.1	1.6	1.8	2.2	20.5	11.6	-
sec-Butylbenzene	135-98-8	--	--	<20.0	<20.0	<5.0	2.2	2.4	2.5	<10.9	2.5	1.4	1.4	2	4.2	6.3	-
tert-Butylbenzene	98-06-6	--	--	<20.0	<20.0	<5.0	<2.0	<2.0	<0.18	<0.90	<0.051	<0.22	<1.1	1.1	0.23 ^J	<0.30	-
1,2-Dichloroethane	107-06-2	5	0.5	<20.0	<20.0	<5.0	<2.0	<2.0	<0.17	<0.84	<0.072	<0.17	<0.85	<0.85	<0.22	<0.44	-
1,1-Dichloroethene	75-35-4	7	0.7	<20.0	<20.0	<5.0	<2.0	<2.0	1.9	<2.1	<0.055	1.4	<1.4	<1.4	<0.23 ^J	1.6	-
cis-1,2-Dichloroethene	156-59-2	70	7	777	759	358	171	256	540	247	459	461	349	340	114	510	212
trans-1,2-Dichloroethene	156-60-5	100	20	<20.0	<20.0	<5.0	<2.0	<2.0	1.0	<1.3	2.0	3.0	1.4	<0.81	<0.36 ^J	6.2	<2.6
Isopropylbenzene (cumene)	98-82-8	--	--	<20.0	<20.0	14.8	7.6	<2.0	10.6	4.6	13.4	6.5	7.6	10.1	7.5	21	-
p-Isopropyltoluene	99-87-6	--	--	<20.0	<20.0	7.2	3.3	<2.0	4.9	<2.5	4.1	1.7	2.6	2.9	9.8	8.6	-
Methylene Chloride	75-09-2	5	0.5	<80.0	<80.0	<20.0	<8.0	<8.0	<0.56	<1.2	<0.097	<0.29	3.3	<1.5	<0.98	<3.0	-
Naphthalene	91-20-3	100	10	<80.0	<80.0	<i>26.8</i>	<i>36.1</i>	<i>54.9</i>	<i>45.8</i>	<i>30.1</i>	<i>51</i>	<i>16.7</i>	<i>33.1</i>	<i>36.1</i>	<i>36.7</i>	<i>77.7</i>	-
n-Propylbenzene	103-65-1	--	--	<20.0	<20.0	17.9	7.1	10.1	15.6	6.4	13.6	8.7	9.8	8.9	12.8	27.8	-
Styrene	100-42-5	100	10	<20.0	<20.0	<5.0	<2.0	<2.0	1.7	<2.5	1.8	1.2	1.8	1.9	0.88	1.6	-
Tetrachloroethene (PCE)	127-18-4	5	0.5	4,810	2,210	422	141	168	282	134	289	831	1,940	727	36.2	275	36.2
Trichloroethene (TCE)	79-01-6	5	0.5	305	216	39	10	15.5	69	21.5	78.4	174	201	101	11.1	152	20.9
Vinyl chloride	75-01-4	0.2	0.02	<8.0	<8.0	<2.0	<2.0	<2.0	<0.15	<0.88	<0.084	0.24	<0.34	<0.34	<0.092	1.0	<0.87

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

-- = No Standard/Not Applicable

- = Not Sampled

^J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold = Exceeds NR140.10 Enforcement Standard

Italic = Exceeds NR140.10 Preventive Action Limit

Table 1b
Groundwater Analytical Results
MW2
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893

Reported/Collected By-->				MSA															
Date-->				13-Apr-06	17-Aug-06	13-Dec-06	2-May-07	28-Jan-08	23-Apr-08	14-May-08	27-Aug-08	24-Nov-08	14-Jul-09	2-Jun-11	18-Nov-11	13-Feb-12	15-May-12	28-Aug-12	7-Jan-13
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)																
Benzene	71-43-2	5	0.5	1	<0.31	1.8	<3.1	1.9	7.2	<0.29	<0.29	<0.29	<0.29	<0.20	0.27	0.66	<1.0	<1.0	<1.0
Ethylbenzene	100-41-4	700	140	3.2	1.8	<1.0	10	<0.5	<0.16	<0.22	<0.22	0.9	7.1	<0.50	<0.50	1.1	13.5	7.5	<1.0
Toluene	108-88-3	800	160	0.9	7.1	8.6	6	<5.0	2.2	<0.27	<0.27	17	2.5	<0.50	<0.05	<0.05	2.2	<1.0	1.5
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	<0.32	<0.32	<1.0	<3.2	2.1	9.6	<0.19	<0.19	<0.19	<0.19	<0.50	<0.05	<0.05	<1.0	<1.0	<1.0
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	7.9	28.2	10.1	14.5	<2.0	0.44	<0.62	<0.62	21	9	<0.02	1.8	0.47	<1.0	<1.0	10.4
Xylenes ²	1330-20-7	2,000	400	15	40	16	34	0.51	1.16	<0.86	<0.86	45	10	<0.50	2.7	0.95	3.6	5.0	12.1
n-Butylbenzene	104-51-8	--	--	<0.24	2.2	2.2	1.3	-	-	<0.23	<0.23	1.2	-	<0.20	0.49	0.58	<1.0	1.1	<1.0
sec-Butylbenzene	135-98-8	--	--	0.99	1.4	1.9	1.5	-	-	<0.22	<0.22	0.99	1.4	<0.25	0.55	0.68	1.1	1.3	1.1
tert-Butylbenzene	98-06-6	--	--	-	-	-	-	-	-	-	-	-	-	<0.20	<0.20	<0.20	<0.20	<1.0	<1.0
1,2-Dichloroethane	107-06-2	5	0.5	<0.34	<0.34	<1.0	<3.2	-	-	<0.27	<0.27	<0.27	<0.27	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0
1,1-Dichloroethene	75-35-4	7	0.7	<0.44	<0.44	<1.0	<0.44	-	-	<0.5	<0.5	<0.5	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	156-59-2	70	7	1.5	0.84	2.7	<0.44	-	-	<0.38	0.46	0.38	<0.38	<0.50	<0.50	1.5	1.7	<1.0	<1.0
trans-1,2-Dichloroethene	156-60-5	100	20	<0.33	<1.0	<0.33	<0.33	-	-	<0.30	<0.30	<0.30	<0.30	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0
Isopropylbenzene (cumene)	98-82-8	--	--	7.2	13	12	11	-	-	0.31	<0.19	8.8	12	<0.20	3.1	4.2	7.7	7.3	7.0
p-Isopropyltoluene	99-87-6	--	--	0.51	1.1	<1.0	1.6	-	-	<0.21	<0.21	3.4	2.5	<0.20	<0.20	<0.20	<1.0	<1.0	<1.0
Methylene Chloride	75-09-2	5	0.5	-	-	-	-	-	-	<0.30	0.33	<0.30	<0.30	<1.0	<1.0	<4.0	<4.0	<4.0	<4.0
Naphthalene	91-20-3	100	10	15	42	22	26	<5.0	2.1	<0.17	1.3	26	19	<0.25	9	0.62	15.5	<4.0	29.7
n-Propylbenzene	103-65-1	--	--	2.6	3.2	<1.0	6	-	-	<0.22	<0.22	2.2	6.3	<0.50	<0.50	1.2	3.4	1.5	<1.0
Styrene	100-42-5	100	10	<0.27	<0.27	<1.0	1.3	-	-	<0.38	<0.38	<0.38	<0.38	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0
Tetrachloroethene (PCE)	127-18-4	5	0.5	39	32	51	51	-	-	8.9	0.97	2.1	11	2.1	3.8	8.3	21.2	16.7	1.8
Trichloroethene (TCE)	79-01-6	5	0.5	2.4	2.7	6.4	6.6	-	-	0.38	0.43	<0.37	<0.37	0.21	0.7	3.1	3.8	3.5	<1.0
Vinyl chloride	75-01-4	0.2	0.02	<0.31	<0.32	<1.0	<0.31	-	-	<0.27	<0.27	-	<0.27	<0.20	<0.20	<0.20	<0.40	<0.40	<0.40

Reported/Collected By-->				MSA												REI	
Date-->				31-Jul-13	28-Oct-13	26-Feb-14	27-May-14	11-Aug-14	16-Jul-15	22-Oct-15	28-Jun-16	13-Sep-16	13-Dec-16	15-Mar-17	25-Jun-19	4-Dec-19	1-Nov-23
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)														
Benzene	71-43-2	5	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<0.21	<0.50	<0.042	<0.16	0.27	<0.16	<0.10	<0.10	-
Ethylbenzene	100-41-4	700	140	<1.0	<1.0	<1.0	<1.0	<1.0	<0.23	<0.50	<0.075	<0.15	<0.15	<0.15	0.31 ¹	<0.14	-
Toluene	108-88-3	800	160	<1.0	<1.0	<1.0	<1.0	<1.0	<0.13	<0.50	<0.059	0.33	0.3	0.39	0.62	<0.083	-
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<0.17	<0.047	<0.15	<0.15	<0.15	<0.16	<0.16	-
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	<2.0	<2.0	<2.0	<2.0	<2.0	<0.16	<0.50	<0.11	0.52	5.0	<0.45	1.2	<0.32	-
Xylenes ²	1330-20-7	2,000	400	<3.0	<3.0	<3.0	<3.0	<3.0	<0.60	<0.50	<0.15	1.2	1.4	<0.32	<0.31	<0.31	-
n-Butylbenzene	104-51-8	--	--	<1.0	<1.0	<1.0	<1.0	<1.0	<0.083	<0.50	<0.16	<0.16	1.3	0.31	<0.24	<0.24	-
sec-Butylbenzene	135-98-8	--	--	<1.0	<1.0	<1.0	<1.0	<1.0	<0.16	<2.2	<0.094	<0.19	1.1	0.34	0.17 ¹	0.21 ¹	-
tert-Butylbenzene	98-06-6	--	--	<1.0	<1.0	<1.0	<1.0	<1.0	<0.18	<0.18	<0.051	<0.22	<0.22	<0.22	<0.15	<0.15	-
1,2-Dichloroethane	107-06-2	5	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<0.17	<0.17	<0.072	<0.17	<0.17	<0.22	<0.22	<0.22	-
1,1-Dichloroethene	75-35-4	7	0.7	<1.0	<1.0	<1.0	<1.0	<1.0	<0.22	<0.41	<0.069	<0.28	<0.28	<0.28	<0.16	<0.16	-
cis-1,2-Dichloroethene	156-59-2	70	7	<1.0	<1.0	<1.0	<1.0	<1.0	1.1	0.32	<0.12	<0.12	3.8	3.4	1.7	1.2	<0.47
trans-1,2-Dichloroethene	156-60-5	100	20	<1.0	<1.0	<1.0	<1.0	<1.0	<0.21	<0.26	<0.15	<0.16	<0.16	<0.16	<0.24	<0.24	<0.53
Isopropylbenzene (cumene)	98-82-8	--	--	<1.0	<1.0	<1.0	<1.0	<1.0	0.18	<0.14	<0.064	0.49	5.2	1.1	0.97	0.42 ¹	-
p-Isopropyltoluene	99-87-6	--	--	<1.0	<1.0	<1.0	<1.0	<1.0	<0.16	<0.50	<0.064	<0.19	0.23	<0.19	<0.15	<0.15	-
Methylene Chloride	75-09-2	5	0.5	<4.0	<4.0	<4.0	<4.0	<4.0	<0.56	<0.23	<0.097	<0.29	<0.29	<0.29	<0.98	<1.5	-
Naphthalene	91-20-3	100	10	<4.0	<4.0	<4.0	<4.0	<4.0	<0.14	<2.5	<0.064	0.45	10.8	0.55	<0.48	<1.6	-
n-Propylbenzene	103-65-1	--	--	<1.0	<1.0	<1.0	<1.0	<1.0	<0.21	<0.50	<0.049	<0.23	<0.23	<0.23	0.23 ¹	0.13 ¹	-
Styrene	100-42-5	100	10	<1.0	<1.0	<1.0	<1.0	<1.0	<0.11	<0.50	<0.056	<0.29	<0.29	<0.29	<0.19	<0.19	-
Tetrachloroethene (PCE)	127-18-4	5	0.5	7.7	6.7	<1.0	6.6	4.2	2.9	0.79	2.8	0.73	6.2	3.4	2.1	3.4	0.74 ¹
Trichloroethene (TCE)	79-01-6	5	0.5	1.0	0.94	<0.40	0.91	0.43	0.77	<0.33	<0.051	<0.20	2.0	1.1	0.45 ¹	0.68	<0.32
Vinyl chloride	75-01-4	0.2	0.02	<0.40	<0.40	<0.40	<0.40	<0.40	<0.15	<0.18	<0.084	<0.15	<0.069	<0.069	<0.092	<0.092	<0.17

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

-- = No Standard/Not Applicable

- = Not Sampled

¹ = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold = Exceeds NR140.10 Enforcement Standard

Italic = Exceeds NR140.10 Preventive Action Limit

Table 1c
Groundwater Analytical Results
MW3
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893

Reported/Collected By-->				MSA												
Date-->				13-Apr-06	17-Aug-06	13-Dec-06	2-May-07	28-Jan-08	23-Apr-08	14-May-08	27-Aug-08	24-Nov-08	14-Jul-09	2-Jun-11	18-Nov-11	13-Feb-12
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)													
Benzene	71-43-2	5	0.5	<0.31	<0.31	<1.0	<0.31	<0.5	<0.16	<0.29	<0.29	<0.29	<0.29	<0.20	<0.20	<0.20
Ethylbenzene	100-41-4	700	140	<0.26	<0.26	<1.0	<0.26	<0.5	<0.16	<0.22	<0.22	<0.22	<0.22	<0.50	<0.50	<0.50
Toluene	108-88-3	800	160	<0.32	<0.32	<5.0	<0.32	<5.0	<1.6	<0.27	<0.27	<0.27	<0.27	<0.50	<0.50	<0.50
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	<0.32	<0.32	<1.0	<0.32	<1.0	<0.33	<0.19	<0.19	<0.19	<0.19	<0.50	<0.50	<0.50
Trimethylbenzenes (TMB) ¹	28551-13-7	480	96	<0.76	<0.76	<2.0	<0.51	<2.0	<0.66	<0.62	<0.62	<0.62	<0.62	<0.02	<0.02	0.25
Xylenes ²	1330-20-7	2,000	400	<0.73	<0.73	<3.0	<0.73	<1.5	<0.56	<0.86	<0.86	<0.86	<0.86	<0.50	<0.50	<0.50
n-Butylbenzene	104-51-8	--	--	<0.24	<0.24	<1.0	<0.24	-	-	<0.23	<0.23	<0.23	<0.23	<0.20	<0.20	<0.20
sec-Butylbenzene	135-98-8	--	--	<0.28	<0.28	<1.0	<0.28	-	-	<0.22	<0.22	<0.22	<0.22	<0.25	<0.25	<0.25
tert-Butylbenzene	98-06-6	--	--	-	-	-	-	-	-	-	-	-	-	<0.20	<0.20	<0.20
1,2-Dichloroethane	107-06-2	5	0.5	<0.34	<0.34	<1.0	<0.34	-	-	<0.31	<0.27	<0.27	<0.27	<0.50	<0.50	<0.50
1,1-Dichloroethene	75-35-4	7	0.7	<0.44	<0.44	<1.0	<0.44	-	-	<0.5	<0.5	<0.5	<0.50	<0.50	<0.50	<0.50
cis-1,2-Dichloroethene	156-59-2	70	7	<0.44	<0.44	<1.0	<0.44	-	-	<0.38	<0.38	<0.38	<0.38	<0.50	<0.50	<0.50
trans-1,2-Dichloroethene	156-60-5	100	20	<0.33	<1.0	<0.33	<0.33	-	-	<0.30	<0.30	<0.30	<0.30	<0.50	<0.50	<0.50
Isopropylbenzene (cumene)	98-82-8	--	--	<0.31	<0.31	<1.0	<0.31	-	-	<0.19	<0.19	<0.19	<0.19	<0.20	<0.20	<0.20
p-Isopropyltoluene	99-87-6	--	--	<0.29	<0.29	<1.0	<0.29	-	-	<0.21	<0.21	<0.21	<0.21	<0.20	<0.20	<0.20
Methylene Chloride	75-09-2	5	0.5	-	-	-	-	-	-	<0.30	<0.30	1.6	<0.30	<1.0	<1.0	<1.0
Naphthalene	91-20-3	100	10	3.3	<0.27	<5.0	0.56	<5.0	6	<0.17	0.37	2.5	2.3	<0.25	<0.25	0.33
n-Propylbenzene	103-65-1	--	--	<0.31	<0.31	<1.0	<0.31	-	-	<0.22	<0.22	<0.22	<0.22	<0.50	<0.50	<0.50
Styrene	100-42-5	100	10	<0.27	<0.27	<1.0	<0.27	-	-	<0.38	<0.38	<0.38	<0.38	<0.50	<0.50	<0.50
Tetrachloroethene (PCE)	127-18-4	5	0.5	4.4	4.3	<1.0	3.7	-	-	1.9	1.8	<0.29	2.1	7.6	0.67	0.67
Trichloroethene (TCE)	79-01-6	5	0.5	<0.26	<0.26	<1.0	<0.26	-	-	<0.37	<0.37	<0.37	<0.37	<0.20	<0.20	<0.20
Vinyl chloride	75-01-4	0.2	0.02	<0.31	<0.32	<1.0	<0.31	-	-	<0.27	<0.27	<0.27	<0.27	<0.20	<0.20	<0.20

Reported/Collected By-->				MSA											REI
Date-->				15-May-12	28-Aug-12	7-Jan-13	31-Jul-13	28-Oct-13	26-Feb-14	27-May-14	11-Aug-14	16-Jul-15	28-Jun-16	4-Dec-19	1-Nov-23
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)												
Benzene	71-43-2	5	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.21	<0.042	<0.10	-
Ethylbenzene	100-41-4	700	140	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.23	<0.075	<0.14	-
Toluene	108-88-3	800	160	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.13	<0.059	<0.083	-
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<0.047	<0.16	-
Trimethylbenzenes (TMB) ¹	28551-13-7	480	96	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<0.16	<0.11	<0.32	-
Xylenes ²	1330-20-7	2,000	400	<1.0	<1.0	<1.0	<3.0	<3.0	<3.0	<3.0	<3.0	<0.60	<0.15	<0.31	-
n-Butylbenzene	104-51-8	--	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.083	<0.16	<0.24	-
sec-Butylbenzene	135-98-8	--	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.16	<0.094	<0.15	-
tert-Butylbenzene	98-06-6	--	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.18	<0.051	<0.15	-
1,2-Dichloroethane	107-06-2	5	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.17	<0.072	<0.22	-
1,1-Dichloroethene	75-35-4	7	0.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.22	<0.069	<0.16	-
cis-1,2-Dichloroethene	156-59-2	70	7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.1	2.7	<0.12	<0.15	<0.47
trans-1,2-Dichloroethene	156-60-5	100	20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.21	<0.15	<0.24	<0.53
Isopropylbenzene (cumene)	98-82-8	--	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.17	<0.064	<0.18	-
p-Isopropyltoluene	99-87-6	--	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.16	<0.064	<0.15	-
Methylene Chloride	75-09-2	5	0.5	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<0.56	<0.097	<1.5	-
Naphthalene	91-20-3	100	10	<1.0	<1.0	<1.0	<4.0	<4.0	<4.0	<4.0	<4.0	0.2	<0.064	<1.6	-
n-Propylbenzene	103-65-1	--	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.21	<0.049	<0.10	-
Styrene	100-42-5	100	10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.11	<0.056	<0.19	-
Tetrachloroethene (PCE)	127-18-4	5	0.5	7.0	<i>2.4</i>	<1.0	4.9	2.4	<1.0	3.0	2.6	1.2	1.3	0.50 ¹	1.2
Trichloroethene (TCE)	79-01-6	5	0.5	<1.0	<1.0	<1.0	<0.40	<0.40	<0.40	<0.40	<0.40	0.17	<0.051	<0.15	<0.32
Vinyl chloride	75-01-4	0.2	0.02	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.15	<0.084	<0.092	<0.17

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

-- = No Standard/Not Applicable

- = Not Sampled

¹ = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold = Exceeds NR140.10 Enforcement Standard

Italic = Exceeds NR140.10 Preventive Action Limit

Table 1d
Groundwater Analytical Results
MW4
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893

Reported/Collected By-->				MSA													
Date-->				13-Apr-06	17-Aug-06	13-Dec-06	2-May-07	28-Jan-08	23-Apr-08	14-May-08	27-Aug-08	24-Nov-08	23-Apr-09	14-Jul-09	2-Jun-11	18-Nov-11	13-Feb-12
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)														
Benzene	71-43-2	5	0.5	<0.31	<0.31	<1.0	<0.31	<0.5	<0.16	<0.29	<0.29	<0.29	<0.29	<0.29	<0.20	<0.20	<0.20
Ethylbenzene	100-41-4	700	140	<0.26	<0.26	<1.0	<0.26	<0.5	<0.16	<0.22	<0.22	<0.22	<0.22	<0.22	<0.50	<0.50	<0.50
Toluene	108-88-3	800	160	<0.32	<0.32	<5.0	<0.32	<5.0	<1.6	<0.27	<0.27	<0.27	<0.27	<0.27	<0.50	<0.50	<0.50
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	<0.32	<0.32	<1.0	<0.32	<1.0	<0.33	<0.19	<0.19	<0.19	<0.19	<0.19	<0.50	<0.50	<0.50
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	0.63	0.51	<2.0	0.88	<2.0	0.5	2	<0.62	<0.62	<0.62	<0.62	<0.02	<0.02	<0.02
Xylenes ²	1330-20-7	2,000	400	<0.73	<0.73	<3.0	<0.73	<1.5	<0.49	<0.86	<0.86	<0.86	<0.86	<0.86	<0.50	<0.50	<0.50
n-Butylbenzene	104-51-8	--	--	<0.24	1.7	<1.0	<0.24	-	-	0.41	0.76	0.44	<0.23	<0.23	<0.20	<0.20	<0.20
sec-Butylbenzene	135-98-8	--	--	<0.28	1.1	<1.0	1.0	-	-	0.58	0.96	0.59	<0.22	0.38	<0.25	<0.25	<0.25
tert-Butylbenzene	98-06-6	--	--	-	-	-	-	-	-	-	-	-	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichloroethane	107-06-2	5	0.5	<0.34	<0.34	<1.0	<0.34	-	-	<0.27	<0.27	<0.27	<0.27	<0.27	<0.50	<0.50	<0.50
1,1-Dichloroethene	75-35-4	7	0.7	<0.44	<0.44	<1.0	<0.44	-	-	<0.5	<0.5	<0.5	<0.5	<0.50	<0.50	<0.50	<0.50
cis-1,2-Dichloroethene	156-59-2	70	7	<0.44	0.76	<1.0	<0.44	-	-	1.8	<0.38	<0.38	1.3	0.94	5.1	<0.50	<0.50
trans-1,2-Dichloroethene	156-60-5	100	20	<0.33	<1.0	<0.33	<0.33	-	-	<0.30	<0.30	<0.30	<0.30	<0.30	<0.50	<0.50	<0.50
Isopropylbenzene (cumene)	98-82-8	--	--	<0.31	0.5	<1.0	0.38	-	-	<0.19	0.37	0.19	<0.19	<0.19	<0.20	<0.20	<0.20
p-Isopropyltoluene	99-87-6	--	--	<0.29	1	<1.0	<0.29	-	-	0.69	0.32	0.21	<0.21	<0.21	<0.20	<0.20	<0.20
Methylene Chloride	75-09-2	5	0.5	-	-	-	-	-	-	<0.30	<0.30	1.5	<0.30	<0.30	<1.0	<1.0	<1.0
Naphthalene	91-20-3	100	10	2.9	0.61	<5.0	<0.27	<5.0	2.2	1.8	0.87	0.67	<0.17	1.3	<0.25	<0.25	<0.25
n-Propylbenzene	103-65-1	--	--	<0.31	1.2	<1.0	1.1	-	-	0.85	0.84	0.47	<0.22	0.36	<0.50	<0.50	<0.50
Styrene	100-42-5	100	10	<0.27	<0.27	<1.0	<0.27	-	-	<0.38	<0.38	<0.38	<0.38	<0.38	<0.50	<0.50	<0.50
Tetrachloroethene (PCE)	127-18-4	5	0.5	4.2	40	9.9	23	-	-	64	19	10	39	32	43	5.3	4.3
Trichloroethene (TCE)	79-01-6	5	0.5	<0.26	<i>0.88</i>	<1.0	0.33	-	-	1.5	0.48	<0.37	1.1	<i>0.85</i>	1.1	<0.20	<0.20
Vinyl chloride	75-01-4	0.2	0.02	<0.31	<0.32	<1.0	<0.31	-	-	<0.27	<0.27	<0.27	<0.27	<0.27	<0.20	<0.20	<0.20

Reported/Collected By-->				MSA											REI		
Date-->				15-May-12	29-Aug-12	7-Jan-13	31-Jul-13	28-Oct-13	26-Feb-14	27-May-14	11-Aug-14	16-Jul-15	28-Jun-16	25-Jun-19	4-Dec-19	1-Nov-23	
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)														
Benzene	71-43-2	5	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.21	<0.042	<0.10	<0.10	-
Ethylbenzene	100-41-4	700	140	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.23	<0.075	<0.14	<0.14	-
Toluene	108-88-3	800	160	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.13	<0.059	<0.083	<0.083	-
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<0.047	<0.16	<0.16	-
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<0.16	<0.11	<0.32	<0.32	-
Xylenes ²	1330-20-7	2,000	400	<1.0	<1.0	<1.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<0.60	<0.15	<0.31	<0.31	-
n-Butylbenzene	104-51-8	--	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.083	<0.16	<0.24	<0.24	-
sec-Butylbenzene	135-98-8	--	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.16	<0.094	<0.15	<0.15	-
tert-Butylbenzene	98-06-6	--	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.18	<0.051	<0.15	<0.15	-
1,2-Dichloroethane	107-06-2	5	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.17	<0.072	<0.22	<0.22	-
1,1-Dichloroethene	75-35-4	7	0.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.22	<0.069	<0.16	<0.16	-
cis-1,2-Dichloroethene	156-59-2	70	7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.25	<0.12	<0.15	<0.15	<0.47
trans-1,2-Dichloroethene	156-60-5	100	20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.21	<0.15	<0.24	<0.24	<0.53
Isopropylbenzene (cumene)	98-82-8	--	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.17	<0.064	<0.18	<0.18	-
p-Isopropyltoluene	99-87-6	--	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.16	<0.064	<0.15	<0.15	-
Methylene Chloride	75-09-2	5	0.5	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<0.56	<0.097	<0.98	<1.5	-
Naphthalene	91-20-3	100	10	<1.0	<1.0	<1.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<0.14	<0.064	<0.48	<1.6	-
n-Propylbenzene	103-65-1	--	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.21	<0.049	<0.10	<0.10	-
Styrene	100-42-5	100	10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.11	<0.056	<0.19	<0.19	-
Tetrachloroethene (PCE)	127-18-4	5	0.5	16.5	15.4	1.8	7.1	7.8	4.4	3.0	3.6	1.3	1.7	0.44	0.35	1.2	-
Trichloroethene (TCE)	79-01-6	5	0.5	<1.0	<1.0	<1.0	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.14	<0.051	<0.15	<0.15	<0.32
Vinyl chloride	75-01-4	0.2	0.02	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.15	<0.084	<0.092	<0.092	<0.17

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

-- = No Standard/Not Applicable

- = Not Sampled

^J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold = Exceeds NR140.10 Enforcement Standard

Italic = Exceeds NR140.10 Preventive Action Limit

Table 1e
Groundwater Analytical Results
MW5
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893

Reported/Collected By-->				MSA														
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)	Date-->														
				13-Apr-06	17-Aug-06	13-Dec-06	2-May-07	28-Jan-08	23-Apr-08	14-May-08	27-Aug-08	24-Nov-08	14-Jul-09	2-Jun-11	18-Nov-11	13-Feb-12	15-May-12	29-Aug-12
Benzene	71-43-2	5	0.5	15	8.6	<20	3.0	0.8	39	3.3	21	<1.4	18	4.6	4.8	2.6	<2.0	10.5
Ethylbenzene	100-41-4	700	140	140	28	<20	9.5	4.6	350	7.5	49	1.5	17	11	26	2.7	2.4	46.4
Toluene	108-88-3	800	160	200	37	<100	18	<5.0	160	32	120	3.3	77	27	48	10	5.9	93.1
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	<6.3	<3.2	<20	<1.6	<1.0	24	<0.19	<3.9	<0.96	<0.96	<2.0	<2.5	<2.0	<2.0	<2.0
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	299	163	<40	28.9	37.2	1,210	56	363	11.2	121	63	337	66	41	499
Xylenes ²	1330-20-7	2,000	400	630	290	<60	84	55	1,030	97	430	18	250	120	490	79	56.1	790
n-Butylbenzene	104-51-8	--	--	10	18	<20	<1.2	-	-	2.8	19	<1.1	4.0	4.8	18	<0.80	<2.0	8.7
sec-Butylbenzene	135-98-8	--	--	9.2	7.8	<20	<1.4	-	-	<2.2	10	<1.1	3.6	2.4	7.7	1.6	<2.0	10.4
tert-Butylbenzene	98-06-6	--	--	-	-	-	-	-	-	-	-	1.1	<0.98	<0.80	<1.0	<0.80	<2.0	<2.0
1,2-Dichloroethane	107-06-2	5	0.5	<6.8	<3.4	<20	<1.6	-	-	<2.7	5.5	<1.4	<1.4	<2.0	<2.5	<2.0	<2.0	<2.0
1,1-Dichloroethene	75-35-4	7	0.7	<8.8	<4.4	<20	<2.2	-	-	<5.0	<9.9	<2.5	<2.5	<2.0	<2.5	<2.0	<2.0	<2.0
cis-1,2-Dichloroethene	156-59-2	70	7	71	85	26	74	-	-	65	73	47	93	53	58	100	50.9	117
trans-1,2-Dichloroethene	156-60-5	100	20	<6.5	<3.3	<20	<1.6	-	-	<3.0	<6.0	<1.5	<1.5	<2.0	<2.5	<2.0	<2.0	<2.0
Isopropylbenzene (cumene)	98-82-8	--	--	29	19	<20	3.4	-	-	3.0	20	1.2	13	7.4	14	5.6	4.0	18.6
p-Isopropyltoluene	99-87-6	--	--	14	20	<20	<1.4	-	-	4.1	41	1.4	15	2.8	17	4.3	2.2	27
Methylene Chloride	75-09-2	5	0.5	-	-	-	-	-	-	<3.0	<5.9	8.9	<1.5	<4.0	<5.0	<4.0	<8.0	<8.0
Naphthalene	91-20-3	100	10	120	100	<100	15	28	210	19	74	4.7	49	36	100	29	18.5	73.3
n-Propylbenzene	103-65-1	--	--	33	15	<20	2.6	-	-	3.2	24	<1.1	8.4	5.1	14	2.5	<2.0	16.8
Styrene	100-42-5	100	10	<5.4	<2.7	<20	<1.3	-	-	<3.8	<7.6	<1.9	<1.9	<2.0	<2.5	<2.0	<2.0	2.2
Tetrachloroethene (PCE)	127-18-4	5	0.5	440	1,500	500	560	-	-	290	310	410	470	370	400	470	269	255
Trichloroethene (TCE)	79-01-6	5	0.5	25	34	<20	24	-	-	19	<7.4	<1.8	27	25	26	33	20	25.7
Vinyl chloride	75-01-4	0.2	0.02	<6.1	<3.1	<20	<1.5	-	-	<2.7	<5.5	<1.4	<1.4	<0.80	<1.0	<0.80	<0.80	<0.80

Reported/Collected By-->				MSA													REI	
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)	Date-->														
				7-Jan-13	31-Jul-13	27-Oct-13	26-Feb-14	27-May-14	11-Aug-14	16-Jul-15	22-Oct-15	28-Jun-16	13-Sep-16	13-Dec-16	15-Mar-17	25-Jun-19	4-Dec-19	1-Nov-23
Benzene	71-43-2	5	0.5	<1.0	5.5	<1.0	<1.0	4.0	1.4	0.31	<0.50	2.8	0.18	<0.16	<0.16	1.6	0.66	-
Ethylbenzene	100-41-4	700	140	2.2	10.7	8.8	4.9	13.4	7.3	5.0	5.0	19.4	2.5	4.0	6.9	21.1	12	-
Toluene	108-88-3	800	160	2.8	43.2	14.5	8.0	31.6	14.2	4.1	5.5	34	1.5	2.2	3.7	27.9	15.4	-
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<0.20	<0.17	<0.047	<0.15	<0.15	<0.15	<0.16	<0.16	-
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	57.8	233	46.7	21.4	172	92.9	18.2	17.1	127.3	26	52.1	36	180.9	341	-
Xylenes ²	1330-20-7	2,000	400	39.6	216	46.1	29.2	195	83	19.4	18	118	17.7	44.9	31.4	174	214	-
n-Butylbenzene	104-51-8	--	--	2.2	5.5	<1.0	<1.0	<1.0	4.7	0.53	1.1	4.5	0.94	1.3	1.4	17.9	7.8	-
sec-Butylbenzene	135-98-8	--	--	1.9	6.1	<1.0	<1.0	5.8	3.9	0.58	<2.2	<0.094	0.9	1.2	1.4	4.3	8.6	-
tert-Butylbenzene	98-06-6	--	--	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<0.18	<0.18	<0.051	<0.22	<0.22	<0.22	<0.15	0.91	-
1,2-Dichloroethane	107-06-2	5	0.5	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<0.17	<0.17	<0.072	<0.17	<0.17	<0.17	<0.22	<0.22	-
1,1-Dichloroethene	75-35-4	7	0.7	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<0.22	<0.41	<0.069	<0.28	<0.28	<0.28	<0.16	0.36 ³	-
cis-1,2-Dichloroethene	156-59-2	70	7	128	50.4	39.9	23.6	52.8	71.6	95.4	112	260	52.9	63.9	52.3	57.4	78.4	2060
trans-1,2-Dichloroethene	156-60-5	100	20	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	0.25	0.39	<0.15	0.21	0.25	<0.16	0.47 ³	1.4	150
Isopropylbenzene (cumene)	98-82-8	--	--	1.8	5	2.7	1.5	5.3	3.4	1.8	1.5	4.7	1.5	1.8	2.9	6.9	7.8	-
p-Isopropyltoluene	99-87-6	--	--	7.2	31.9	7.6	2.5	18.3	11.9	1.7	1	20.2	2.4	5.3	4.1	17	30.5	-
Methylene Chloride	75-09-2	5	0.5	<4.0	<8.0	<4.0	<4.0	<4.0	<4.0	<0.56	<0.23	<0.097	<0.29	<0.29	<0.29	<0.98	<1.5	-
Naphthalene	91-20-3	100	10	6.8	29.4	13.6	8.1	22.1	16.8	9	7.3	24.2	7.9	10	10	38.4	64.6	-
n-Propylbenzene	103-65-1	--	--	1.4	4.0	1.8	1.2	4.7	<1.0	1.5	1.3	3.9	1.7	1.6	3.1	6.1	9.8	-
Styrene	100-42-5	100	10	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	0.17	<0.50	<0.056	<0.29	<0.29	<0.29	0.66	0.39 ³	-
Tetrachloroethene (PCE)	127-18-4	5	0.5	235	100	113	116	87.1	86.6	72.4	64.6	89.2	59	56	92.1	69.4	35	<8.2
Trichloroethene (TCE)	79-01-6	5	0.5	17.2	10	12.4	10.5	14.7	17.1	15	10.5	21.3	7.4	7.8	10.5	13.8	22.4	6.6 ³
Vinyl chloride	75-01-4	0.2	0.02	<0.40	<0.80	<0.40	<0.40	<0.40	<0.40	<0.15	<0.18	<0.084	<0.15	<0.069	<0.069	<0.092	0.10 ³	7.5 ³

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

-- = No Standard/Not Applicable

- = Not Sampled

³ = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold = Exceeds NR140.10 Enforcement Standard

Italic = Exceeds NR140.10 Preventive Action Limit

Table If
Groundwater Analytical Results
MW6
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893

Reported/Collected By-->				MSA													
Date-->				28-Jan-08	23-Apr-08	14-May-08	27-Aug-08	24-Nov-08	23-Apr-09	14-Jul-09	2-Jun-11	18-Nov-11	13-Feb-12	15-May-12	29-Aug-12	7-Jan-13	31-Jul-13
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)														
Benzene	71-43-2	5	0.5	5.6	2.2	4.6	3.0	<5.8	<1.4	<1.4	<2.0	2.5	<4.0	<1.0	<2.0	<5.0	<1.0
Ethylbenzene	100-41-4	700	140	<0.22	<0.16	<2.2	<0.22	<4.4	<1.1	<1.1	<5.0	<5.0	<1.0	<1.0	<2.0	<5.0	<1.0
Toluene	108-88-3	800	160	<0.27	<1.6	<2.7	<0.27	<5.4	<1.3	<1.3	<5.0	<5.0	<1.0	<1.0	<2.0	<5.0	<1.0
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	<0.19	5.7	<1.9	<0.19	<3.9	<0.96	<0.96	<5.0	<5.0	<1.0	<1.0	<2.0	<5.0	<1.0
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	<0.62	<0.66	<0.62	<0.62	<12.3	<3.07	1.2	<0.20	<0.20	<4.0	<1.0	<2.0	<5.0	<2.0
Xylenes ²	1330-20-7	2,000	400	1.6	<0.49	<8.6	<0.86	<17	<4.3	<4.3	<5.0	<5.0	<1.0	<1.0	<2.0	<5.0	<3.0
n-Butylbenzene	104-51-8	--	--	0.67	-	<2.3	0.45	<4.5	<1.1	<1.1	<2.0	<2.0	<4.0	<1.0	<2.0	<5.0	<1.0
sec-Butylbenzene	135-98-8	--	--	1.2	-	<2.2	0.78	<4.4	<1.1	<1.1	<2.5	<2.5	<5.0	<1.0	<2.0	<5.0	<1.0
tert-Butylbenzene	98-06-6	--	--	-	-	-	-	<3.9	<0.98	<0.98	<2.0	<2.0	<4.0	<1.0	<2.0	<5.0	<1.0
1,2-Dichloroethane	107-06-2	5	0.5	<0.27	-	<2.7	<0.27	<5.5	<1.4	<1.4	<5.0	<5.0	<1.0	<1.0	<2.0	<5.0	<1.0
1,1-Dichloroethene	75-35-4	7	0.7	<0.5	-	<5.0	<0.50	<9.9	<2.5	<2.5	<5.0	<5.0	<1.0	<1.0	<2.0	<5.0	<1.0
cis-1,2-Dichloroethene	156-59-2	70	7	350	-	600	520	520	290	130	190	310	420	307	141	155	141
trans-1,2-Dichloroethene	156-60-5	100	20	<0.3	-	<3.0	0.62	<6.0	<1.5	<1.5	<5.0	<5.0	<1.0	<1.0	<2.0	<5.0	<1.0
Isopropylbenzene (cumene)	98-82-8	--	--	4.9	-	<1.9	2.9	<3.8	<0.94	<0.94	<2.0	<2.0	<4.0	<1.0	<2.0	<5.0	<1.0
p-Isopropyltoluene	99-87-6	--	--	<0.21	-	<2.1	0.38	<4.3	<1.1	<1.1	<2.0	<2.0	<4.0	<1.0	<2.0	<5.0	<1.0
Methylene Chloride	75-09-2	5	1	<0.30	-	5.9	<0.30	40	<1.5	<1.5	<10	<10	<20	<4.0	<8.0	<20.0	<4.0
Naphthalene	91-20-3	100	10	<0.17	<1.6	<0.17	0.37	4.0	<0.84	12	<2.5	<2.5	<5.0	<1.0	<2.0	<5.0	<4.0
n-Propylbenzene	103-65-1	--	--	<0.22	-	<2.2	<0.22	<4.4	<1.1	<1.1	<5.0	<5.0	<1.0	<1.0	<2.0	<5.0	<1.0
Styrene	100-42-5	100	10	<0.38	-	<3.8	<0.38	<7.6	<1.9	<1.9	<5.0	<5.0	<1.0	<1.0	<2.0	<5.0	<1.0
Tetrachloroethene (PCE)	127-18-4	5	0.5	1,200	-	1,300	1,400	1,200	660	230	830	1,100	2,000	1,530	628	424	211
Trichloroethene (TCE)	79-01-6	5	0.5	160	-	200	280	250	110	50	98	210	220	249	105	154	90.4
Vinyl chloride	75-01-4	0.2	0.02	<0.27	-	<0.27	<0.27	<5.5	<1.4	<1.4	<2.0	<2.0	<4.0	<0.40	<0.80	<2.0	<0.40

Reported/Collected By-->				MSA											REI	
Date-->				27-Oct-13	26-Feb-14	27-May-14	11-Aug-14	16-Jul-15	22-Oct-15	28-Jun-16	13-Sep-16	12-Dec-16	15-Mar-17	25-Jun-19	4-Dec-19	2-Nov-23
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)													
Benzene	71-43-2	5	0.5	<1.0	<1.0	<2.0	<2.0	0.88	<0.50	<0.042	0.9	0.29	<0.16	<0.10	<0.10	-
Ethylbenzene	100-41-4	700	140	<1.0	<1.0	<2.0	<2.0	<0.23	<0.50	<0.075	<0.15	<0.15	<0.15	<0.14	<0.14	-
Toluene	108-88-3	800	160	<1.0	<1.0	<2.0	<2.0	<0.13	<0.50	<0.059	<0.14	<0.14	<0.14	<0.083	<0.083	-
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	<1.0	<1.0	<2.0	<2.0	<0.20	<0.17	<0.047	<0.15	<0.15	<0.15	<0.16	<0.16	-
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	<2.0	<2.0	<2.0	<2.0	0.18	<0.50	<0.11	0.22	<0.45	<0.45	<0.32	<0.32	-
Xylenes ²	1330-20-7	2,000	400	<3.0	<3.0	<6.0	<6.0	<0.60	<0.50	<0.15	<0.32	<0.32	<0.32	<0.31	<0.31	-
n-Butylbenzene	104-51-8	--	--	<1.0	<1.0	<2.0	<2.0	0.47	<0.50	<0.16	0.63	0.66	<0.16	<0.24	<0.24	-
sec-Butylbenzene	135-98-8	--	--	<1.0	<1.0	<2.0	<2.0	0.81	<2.2	<0.094	0.93	0.98	<0.19	<0.15	<0.15	-
tert-Butylbenzene	98-06-6	--	--	<1.0	<1.0	<2.0	<2.0	<0.18	<0.18	<0.051	<0.22	<0.22	<0.22	<0.15	<0.15	-
1,2-Dichloroethane	107-06-2	5	0.5	<1.0	<1.0	<2.0	<2.0	<0.17	<0.17	<0.072	<0.17	<0.17	<0.17	<0.22	<0.22	-
1,1-Dichloroethene	75-35-4	7	0.7	<1.0	<1.0	<2.0	<2.0	<0.22	<0.41	<0.069	<0.28	<0.28	<0.28	<0.16	<0.16	-
cis-1,2-Dichloroethene	156-59-2	70	7	137	186	188	156	120	129	156	118	106	50.1	0.39 ³	0.29 ³	<0.47
trans-1,2-Dichloroethene	156-60-5	100	20	<1.0	<1.0	<2.0	<2.0	0.41	0.53	<0.15	0.4	0.35	<0.16	0.47 ³	<0.24	<0.53
Isopropylbenzene (cumene)	98-82-8	--	--	<1.0	<1.0	<2.0	<2.0	0.36	0.68	1.1	1.0	0.84	<0.25	<0.18	<0.18	-
p-Isopropyltoluene	99-87-6	--	--	<1.0	<1.0	<2.0	<2.0	<0.16	<0.50	<0.064	<0.19	<0.19	<0.19	<0.15	<0.15	-
Methylene Chloride	75-09-2	5	0.5	<4.0	<4.0	<8.0	<8.0	<0.56	<0.23	<0.097	<0.29	<0.29	<0.29	<0.98	<0.15	-
Naphthalene	91-20-3	100	10	<4.0	<4.0	<8.0	<8.0	1.6	<2.5	<0.064	1.0	<0.20	<0.20	<0.48	<1.6	-
n-Propylbenzene	103-65-1	--	--	<1.0	<1.0	<2.0	<2.0	<0.21	<0.50	<0.049	<0.23	<0.23	<0.23	<0.10	<0.10	-
Styrene	100-42-5	100	10	<1.0	<1.0	<2.0	<2.0	<0.11	<0.50	<0.056	<0.29	<0.29	<0.29	<0.19	<0.19	-
Tetrachloroethene (PCE)	127-18-4	5	0.5	196	174	489	309	193	138	124	121	161	54	4.6	3.6	2.7
Trichloroethene (TCE)	79-01-6	5	0.5	83.7	69.4	90.5	98.6	89.1	69.7	51.7	39.4	88	17	0.65	0.40 ³	0.48 ³
Vinyl chloride	75-01-4	0.2	0.02	<0.40	<0.40	<0.80	<0.80	<0.15	<0.18	<0.084	<0.15	<0.069	<0.069	<0.092	<0.092	<0.17

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

-- = No Standard/Not Applicable

- = Not Sampled

³ = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold = Exceeds NR140.10 Enforcement Standard

Italic = Exceeds NR140.10 Preventive Action Limit

Table 1g
Groundwater Analytical Results
MW7
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893

Reported/Collected By-->				MSA												
Date-->				14-May-08	27-Aug-08	24-Nov-08	23-Apr-09	14-Jul-09	2-Jun-11	18-Nov-11	13-Feb-12	15-May-12	29-Aug-12	7-Jan-13	31-Jul-13	27-Oct-13
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)													
Benzene	71-43-2	5	0.5	<0.29	<0.29	<0.29	<0.29	<0.29	<0.20	<0.20	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	100-41-4	700	140	<0.22	<0.22	<0.22	<0.22	<0.22	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	108-88-3	800	160	<0.27	<0.27	<0.16	<0.27	<0.27	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	<0.19	<0.19	<0.19	<0.19	<0.19	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	<0.62	<0.62	<0.62	<0.62	<0.62	<0.02	<0.02	<0.02	<1.0	<1.0	<1.0	<2.0	<2.0
Xylenes ²	1330-20-7	2,000	400	<0.86	<0.86	<0.86	<0.86	<0.86	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<3.0	<3.0
n-Butylbenzene	104-81-8	--	--	<0.23	<0.23	<0.23	<0.23	-	<0.20	<0.20	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0
sec-Butylbenzene	135-98-8	--	--	<0.22	<0.22	<0.22	<0.22	<0.22	<0.25	<0.25	<0.25	<1.0	<1.0	<1.0	<1.0	<1.0
tert-Butylbenzene	98-06-6	--	--			<0.2	<0.20	<0.20	<0.20	<0.20	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	107-06-2	5	0.5	<0.27	<0.27	<0.27	<0.27	<0.27	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	75-35-4	7	0.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	156-59-2	70	7	0.96	1.8	2.4	3.8	0.85	<0.50	0.51	0.5	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,2-Dichloroethene	156-60-5	100	20	<0.30	<0.30	<0.30	<0.30	<0.30	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Isopropylbenzene (cumene)	98-82-8	--	--	<0.19	<0.19	<0.19	<0.19	<0.19	<0.20	<0.20	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0
p-Isopropyltoluene	99-87-6	--	--	<0.21	<0.21	<0.21	<0.21	<0.21	<0.20	<0.20	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride	75-09-2	5	0.5	<0.30	0.31	1.6	<0.30	<0.30	<1.0	<1.0	<1.0	<4.0	<4.0	<4.0	<4.0	<4.0
Naphthalene	91-20-3	100	10	<0.17	<0.17	<0.17	<0.17	0.66	<0.25	<0.25	<0.25	<1.0	<1.0	<1.0	<4.0	<4.0
n-Propylbenzene	103-65-1	--	--	<0.22	<0.22	<0.22	<0.22	<0.22	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Styrene	100-42-5	100	10	<0.38	<0.38	<0.38	0.38	<0.38	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene (PCE)	127-18-4	5	0.5	6	9	13	19	5.3	<0.50	<i>3.7</i>	<i>4.1</i>	<i>2.1</i>	<i>1.7</i>	<i>3.7</i>	<1.0	<1.0
Trichloroethene (TCE)	79-01-6	5	0.5	<i>1.1</i>	<i>2.3</i>	<i>3.5</i>	<i>4.9</i>	<i>1.1</i>	<0.20	<i>1.2</i>	<i>1.3</i>	<1.0	<1.0	<i>1.6</i>	<0.40	<0.40
Vinyl chloride	75-01-4	0.2	0.02	<0.27	<0.27	<0.27	<0.27	<0.27	<0.20	<0.20	<0.20	<0.40	<0.40	<0.40	<0.40	<0.40

Reported/Collected By-->				MSA											REI
Date-->				26-Feb-14	27-May-14	11-Aug-14	16-Jul-15	22-Oct-15	28-Jun-16	13-Sep-16	12-Dec-16	15-Mar-17	25-Jun-19	4-Dec-19	2-Nov-23
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)												
Benzene	71-43-2	5	0.5	<1.0	<1.0	<1.0	<i>0.91</i>	<i>0.78</i>	<0.042	<i>0.92</i>	0.39	0.16	<0.10	<0.10	-
Ethylbenzene	100-41-4	700	140	<1.0	<1.0	<1.0	<0.23	<0.50	<0.075	<0.15	<0.15	<0.15	<0.14	<0.14	-
Toluene	108-88-3	800	160	<1.0	<1.0	<1.0	<0.13	<0.50	<0.059	<0.14	<0.14	<0.14	<0.083	<0.083	-
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	<1.0	<1.0	<1.0	<0.20	<0.17	<0.047	<0.15	<0.15	<0.15	<0.16	<0.16	-
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	<2.0	<2.0	<2.0	<0.16	<0.50	<0.11	<0.45	<0.45	<0.45	<0.32	<0.32	-
Xylenes ²	1330-20-7	2,000	400	<3.0	<3.0	<3.0	<0.60	<0.50	<0.15	<0.32	<0.32	<0.32	<0.31	<0.31	-
n-Butylbenzene	104-81-8	--	--	<1.0	<1.0	<1.0	<0.21	<0.50	<0.16	<0.16	<0.16	<0.16	<0.24	<0.24	-
sec-Butylbenzene	135-98-8	--	--	<1.0	<1.0	<1.0	<0.16	<2.2	<0.094	<0.19	<0.19	<0.19	<0.15	<0.15	-
tert-Butylbenzene	98-06-6	--	--	<1.0	<1.0	<1.0	<0.18	<0.18	<0.051	<0.22	<0.22	<0.22	<0.15	<0.15	-
1,2-Dichloroethane	107-06-2	5	0.5	<1.0	<1.0	<1.0	<0.17	<0.17	<0.072	<0.17	<0.17	<0.17	<0.22	<0.22	-
1,1-Dichloroethene	75-35-4	7	0.7	<1.0	<1.0	<1.0	<0.22	<0.41	<0.069	<0.28	<0.28	<0.28	<0.16	<0.16	-
cis-1,2-Dichloroethene	156-59-2	70	7	<1.0	<1.0	<1.0	0.44	<0.26	<0.12	0.15	0.51	<0.28	<0.15	<0.20	<0.47
trans-1,2-Dichloroethene	156-60-5	100	20	<1.0	<1.0	<1.0	<0.21	<0.26	<0.15	<0.16	<0.16	<0.16	<0.24	<0.18	<0.53
Isopropylbenzene (cumene)	98-82-8	--	--	<1.0	<1.0	<1.0	0.2	0.21	<0.064	0.53	<0.25	<0.25	<0.18	<0.18	-
p-Isopropyltoluene	99-87-6	--	--	<1.0	<1.0	<1.0	<0.16	<0.50	<0.064	<0.19	<0.19	<0.19	<0.15	<0.15	-
Methylene Chloride	75-09-2	5	0.5	<4.0	<4.0	<4.0	<0.56	<0.23	<0.097	<0.29	<0.29	<0.29	<0.98	<1.5	-
Naphthalene	91-20-3	100	10	<4.0	<4.0	<4.0	<0.14	<2.5	<0.064	<0.20	<0.20	<0.20	<0.48	<1.6	-
n-Propylbenzene	103-65-1	--	--	<1.0	<1.0	<1.0	<0.21	<0.50	<0.049	<0.23	<0.23	<0.23	<0.10	<0.10	-
Styrene	100-42-5	100	10	<1.0	<1.0	<1.0	<0.11	<0.50	<0.056	<0.29	<0.29	<0.29	<0.19	<0.19	-
Tetrachloroethene (PCE)	127-18-4	5	0.5	<i>1.2</i>	<1.0	<1.0	<i>0.79</i>	<i>0.58</i>	<0.13	<i>0.81</i>	<i>0.58</i>	<i>2.3</i>	<0.17	<0.17	<0.41
Trichloroethene (TCE)	79-01-6	5	0.5	<i>0.59</i>	<0.40	0.45	<i>0.67</i>	0.36	<0.051	0.37	<i>0.56</i>	<i>1.4</i>	<0.15	<0.15	<0.32
Vinyl chloride	75-01-4	0.2	0.02	<0.40	<0.40	<0.40	<0.15	<0.18	<0.084	<0.15	<0.069	<0.069	<0.092	<0.092	<0.17

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

-- = No Standard/Not Applicable

- = Not Sampled

i = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold = Exceeds NR140.10 Enforcement Standard

Italic = Exceeds NR140.10 Preventive Action Limit

Responsive. Efficient. Innovative

Table 1h
Groundwater Analytical Results
MW8
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893

Reported/Collected By-->				MSA										REI
Date-->				15-May-08	27-Aug-08	24-Nov-08	14-Jul-09	2-Jun-11	31-Jul-13	27-May-14	16-Jul-15	28-Jun-16	4-Dec-19	2-Nov-23
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)											
Benzene	71-43-2	5	0.5	<0.29	<0.29	<0.29	<0.29	<0.20	<1.0	<1.0	<0.21	<0.042	<0.10	-
Ethylbenzene	100-41-4	700	140	<0.22	<0.22	<0.22	<0.22	<0.50	<1.0	<1.0	<0.23	<0.075	<0.14	-
Toluene	108-88-3	800	160	<0.27	<0.27	<0.27	<0.27	<0.50	<1.0	<1.0	<0.13	<0.059	<0.083	-
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	<0.19	<0.19	<0.19	<0.19	<0.50	<1.0	<1.0	<0.20	<0.047	<0.16	-
Trimethylbenzenes (TMB) ¹	25581-13-7	480	96	<0.62	<0.62	<0.62	<0.62	<0.02	<2.0	<2.0	<0.16	<0.11	<0.32	-
Xylenes ²	1330-20-7	2,000	400	<0.86	<0.86	<0.86	<0.86	<0.50	<3.0	<3.0	<0.60	<0.15	<0.31	-
n-Butylbenzene	104-51-8	--	--	<0.23	<0.23	<0.23	<0.23	<0.20	<1.0	<1.0	<0.083	<0.16	<0.24	-
sec-Butylbenzene	135-98-8	--	--	<0.22	<0.22	<0.22	<0.22	<0.25	<1.0	<1.0	<0.16	<0.094	<0.15	-
tert-Butylbenzene	98-06-6	--	--	-	-	<0.20	<0.20	<0.20	<1.0	<1.0	<0.18	<0.051	<0.15	-
1,2-Dichloroethane	107-06-2	5	0.5	<0.27	<0.27	<0.27	<0.27	<0.50	<1.0	<1.0	<0.17	<0.072	<0.22	-
1,1-Dichloroethene	75-35-4	7	0.7	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<0.22	<0.069	<0.16	-
cis-1,2-Dichloroethene	156-59-2	70	7	<0.38	<0.38	<0.38	<0.38	<0.50	<1.0	<1.0	<0.25	<0.12	<0.15	<0.47
trans-1,2-Dichloroethene	156-60-5	100	20	<0.30	<0.30	<0.30	<0.30	<0.50	<1.0	<1.0	<0.21	<0.15	<0.24	<0.53
Isopropylbenzene (cumene)	98-82-8	--	--	<0.19	<0.19	<0.19	<0.19	<0.20	<1.0	<1.0	<0.17	<0.064	<0.18	-
p-Isopropyltoluene	99-87-6	--	--	<0.21	<0.21	<0.21	<0.21	<0.20	<1.0	<1.0	<0.16	<0.064	<0.15	-
Methylene Chloride	75-09-2	5	0.5	<0.30	<0.30	<i>1.8</i>	<0.30	<1.0	<4.0	<4.0	<0.56	<0.097	<1.5	-
Naphthalene	91-20-3	100	10	<0.17	<0.17	<0.17	0.34	<0.25	<4.0	<4.0	<0.14	<0.064	<1.6	-
n-Propylbenzene	103-65-1	--	--	<0.22	<0.22	<0.22	<0.22	<0.50	<1.0	<1.0	<0.21	<0.049	<0.10	-
Styrene	100-42-5	100	10	<0.38	<0.38	<0.38	<0.38	<0.50	<1.0	<1.0	<0.11	<0.056	<0.19	-
Tetrachloroethene (PCE)	127-18-4	5	0.5	<0.29	0.47	<0.29	<0.29	<0.50	<1.0	<1.0	<0.19	<0.13	<0.17	<0.41
Trichloroethene (TCE)	79-01-6	5	0.5	<0.37	<0.37	<0.37	<0.37	<0.20	<0.40	<0.40	<0.14	<0.051	<0.15	<0.32
Vinyl chloride	75-01-4	0.2	0.02	<0.27	<0.27	<0.27	<0.27	<0.20	<0.40	<0.40	<0.15	<0.084	<0.092	<0.17

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

-- = No Standard/Not Applicable

- = Not Sampled

¹ = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold = Exceeds NR140.10 Enforcement Standard

Italic = Exceeds NR140.10 Preventive Action Limit

Table li
Groundwater Analytical Results
MW9
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893



Reported/Collected By-->				MSA							REI
Date-->				23-Apr-09	14-Jul-09	2-Jun-11	31-Jul-13	27-May-14	16-Jul-15	4-Dec-19	2-Nov-23
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)								
Benzene	71-43-2	5	0.5	<0.29	<0.29	<0.20	<1.0	<1.0	<0.21	<0.10	-
Ethylbenzene	100-41-4	700	140	<0.22	<0.22	<0.50	<1.0	<1.0	<0.23	<0.14	-
Toluene	108-88-3	800	160	<0.27	<0.27	<0.50	<1.0	<1.0	<0.13	<0.083	-
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	<0.19	<0.19	<0.50	<1.0	<1.0	<0.20	<0.16	-
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	<0.62	<0.62	<0.02	<2.0	<2.0	<0.16	<0.32	-
Xylenes ²	1330-20-7	2,000	400	<0.86	<0.86	<0.50	<3.0	<3.0	<0.60	<0.31	-
n-Butylbenzene	104-51-8	--	--	<0.23	<0.23	<0.20	<1.0	<1.0	<0.083	<0.24	-
sec-Butylbenzene	135-98-8	--	--	<0.22	<0.22	<0.25	<1.0	<1.0	<0.16	<0.15	-
tert-Butylbenzene	98-06-6	--	--	<0.20	<0.20	<0.20	<1.0	<1.0	<0.18	<0.15	-
1,2-Dichloroethane	107-06-2	5	0.5	<0.27	<0.27	<0.50	<1.0	<1.0	<0.17	<0.22	-
1,1-Dichloroethene	75-35-4	7	0.7	<0.50	<0.50	<0.50	<1.0	<1.0	<0.22	<0.16	-
cis-1,2-Dichloroethene	156-59-2	70	7	<0.38	<0.38	<0.50	<1.0	<1.0	<0.25	<0.15	<0.47
trans-1,2-Dichloroethene	156-60-5	100	20	<0.30	<0.30	<0.50	<1.0	<1.0	<0.21	<0.24	<0.53
Isopropylbenzene (cumene)	98-82-8	--	--	<0.19	<0.19	<0.20	<1.0	<1.0	<0.17	<0.18	-
p-Isopropyltoluene	99-87-6	--	--	<0.21	<0.21	<0.20	<1.0	<1.0	<0.16	<0.15	-
Methylene Chloride	75-09-2	5	0.5	<0.30	<0.30	<1.0	<4.0	<4.0	<0.56	<1.5	-
Naphthalene	91-20-3	100	10	<0.17	<0.17	<0.25	<4.0	<4.0	<0.14	<1.6	-
n-Propylbenzene	103-65-1	--	--	<0.22	<0.22	<0.50	<1.0	<1.0	<0.21	<0.10	-
Styrene	100-42-5	100	10	<0.38	<0.38	<0.50	<1.0	<1.0	<0.11	<0.19	-
Tetrachloroethene (PCE)	127-18-4	5	0.5	<0.29	<0.29	<0.50	<1.0	<1.0	<0.19	<0.19	<0.41
Trichloroethene (TCE)	79-01-6	5	0.5	<0.37	<0.37	<0.20	<0.40	<0.40	<0.14	<0.15	<0.32
Vinyl chloride	75-01-4	0.2	0.02	<0.27	<0.27	<0.20	<0.40	<0.40	<0.15	<0.092	<0.17

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

- = Not Sampled

-- = No Standard/Not Applicable

^J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

**Table 1j
Groundwater Analytical Results
MW10
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893**

Reported/Collected By-->				MSA															REI	
Date-->				23-Apr-09	14-Jul-09	2-Jun-11	31-Jul-13	27-Oct-13	27-May-14	16-Jul-15	22-Oct-15	28-Jun-16	13-Sep-16	12-Dec-16	15-Mar-17	27-Sep-18	11-Dec-18	25-Jun-19	4-Dec-19	2-Nov-23
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)																	
Benzene	71-43-2	5	0.5	0.48	0.32	<0.20	<1.0	<1.0	<1.0	<0.21	<0.50	<0.042	<0.16	<0.16	<0.16	<0.10	<0.10	<0.10		-
Ethylbenzene	100-41-4	700	140	<0.22	<0.22	<0.50	<1.0	<1.0	<1.0	<0.23	<0.50	<0.075	<0.15	<0.15	<0.15	<0.14	<0.14	<0.14		-
Toluene	108-88-3	800	160	<0.27	<0.27	<0.50	<1.0	<1.0	<1.0	<0.13	<0.50	<0.059	<0.14	<0.14	<0.14	<0.083	<0.083	<0.083		-
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	<0.19	<0.19	<0.50	<1.0	<1.0	<1.0	<0.20	<0.17	<0.047	<0.15	<0.15	<0.15	<0.16	<0.16	<0.16		-
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	<0.62	<0.62	<0.02	<2.0	<2.0	<2.0	<0.16	<0.50	<0.11	<0.45	<0.45	<0.45	<0.32	<0.32	<0.32		-
Xylenes ²	1330-20-7	2,000	400	<0.86	<0.86	<0.50	<3.0	<3.0	<3.0	<0.60	<0.50	<0.15	<0.32	<0.32	<0.32	<0.31	<0.31	<0.31		-
n-Butylbenzene	104-51-8	--	--	<0.23	<0.23	<0.20	<1.0	<1.0	<1.0	<0.083	<0.50	<0.16	<0.16	<0.16	<0.16	<0.24	<0.24	<0.24		-
sec-Butylbenzene	135-98-8	--	--	0.32	0.52	<0.25	<1.0	<1.0	<1.0	<0.16	<2.2	<0.094	<0.19	<0.19	<0.19	<0.15	<0.15	<0.15		-
tert-Butylbenzene	98-06-6	--	--	<0.20	<0.20	<0.20	<1.0	<1.0	<1.0	<0.18	<0.18	<0.051	<0.22	<0.22	<0.22	<0.15	<0.15	<0.15		-
1,2-Dichloroethane	107-06-2	5	0.5	<0.27	<0.27	<0.50	<1.0	<1.0	<1.0	<0.17	<0.17	<0.072	<0.17	<0.17	<0.17	<0.22	<0.22	<0.22		-
1,1-Dichloroethene	75-35-4	7	0.7	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<0.22	<0.41	<0.069	<0.28	<0.28	<0.28	<0.17	<0.17	<0.16		-
cis-1,2-Dichloroethene	156-59-2	70	7	3.9	1.7	<0.50	<i>20.4</i>	<i>7.4</i>	<1.0	0.43	6.1	1.5	<0.12	0.73	<i>18</i>	<0.15	<0.15	<0.15		<0.47
trans-1,2-Dichloroethene	156-60-5	100	20	<0.30	<0.30	<0.50	<1.0	<1.0	<1.0	<0.21	<0.26	<0.15	<0.16	<0.16	<0.16	<0.12	<0.24	<0.24		<0.53
Isopropylbenzene (cumene)	98-82-8	--	--	<0.19	<0.19	<0.20	<1.0	<1.0	<1.0	<0.17	<0.14	<0.064	<0.25	<0.25	<0.25	<0.18	<0.18	<0.18		-
p-Isopropyltoluene	99-87-6	--	--	<0.21	<0.21	<0.20	<1.0	<1.0	<1.0	<0.16	<0.50	<0.064	<0.19	<0.19	<0.19	<0.15	<0.15	<0.15		-
Methylene Chloride	75-09-2	5	0.5	<0.30	<0.30	<1.0	<4.0	<4.0	<4.0	<0.56	<0.23	<0.097	<0.29	<0.29	<0.29	<0.98	<0.99	<0.98		-
Naphthalene	91-20-3	100	10	<0.17	<0.17	<0.25	<4.0	<4.0	<4.0	<0.14	<2.5	<0.064	<0.20	<0.20	<0.20	<0.48	<0.48	<0.48		-
n-Propylbenzene	103-65-1	--	--	<0.22	<0.22	<0.50	<1.0	<1.0	<1.0	<0.21	<0.50	<0.049	<0.23	<0.23	<0.23	<0.10	<0.10	<0.10		-
Styrene	100-42-5	100	10	<0.38	<0.38	<0.50	<1.0	<1.0	<1.0	<0.11	<0.50	<0.056	<0.29	<0.29	<0.29	<0.19	<0.19	<0.19		-
Tetrachloroethene (PCE)	127-18-4	5	0.5	6.9	<i>3.8</i>	<0.50	85.9	39.1	<1.0	<i>2.6</i>	20	<i>3.7</i>	<i>0.98</i>	<i>1.9</i>	39.3	<0.17	0.62	<0.17		<0.41
Trichloroethene (TCE)	79-01-6	5	0.5	<i>1.5</i>	<i>0.87</i>	<0.20	20.6	8.8	<0.40	<i>0.52</i>	6.0	<i>1.3</i>	<0.20	<i>0.5</i>	11.4	<0.15	<0.15	<0.15		<0.32
Vinyl chloride	75-01-4	0.2	0.02	<0.27	<0.27	<0.20	<0.40	<3.0	<3.0	<0.15	<0.18	<0.084	<0.15	<0.069	<0.069	<0.092	<0.092	<0.092		<0.17

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

-- = No Standard/Not Applicable

- = Not Sampled

¹ = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold = Exceeds NR140.10 Enforcement Standard

Italic = Exceeds NR140.10 Preventive Action Limit

Table 1k
Groundwater Analytical Results
MW11
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893

Reported/Collected By-->				MSA								REI
Date-->				23-Apr-09	14-Jul-09	2-Jun-11	18-Nov-11	13-Feb-12	31-Jul-13	27-May-14	4-Dec-19	1-Nov-23
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)									
Benzene	71-43-2	5	0.5	<0.29	<0.29	<0.20	<0.20	<0.20	<1.0	<1.0	<0.10	-
Ethylbenzene	100-41-4	700	140	<0.22	<0.22	<0.50	<0.50	<0.50	<1.0	<1.0	<0.14	-
Toluene	108-88-3	800	160	<0.27	<0.27	<0.50	<0.50	<0.50	<1.0	<1.0	<0.083	-
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	<0.19	<0.19	<0.50	<0.50	<0.50	<1.0	<1.0	<0.16	-
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	<0.62	<0.62	<0.02	<0.02	<0.02	<2.0	<2.0	<0.32	-
Xylenes ²	1330-20-7	2,000	400	<0.86	<0.86	<0.50	<0.50	<0.50	<3.0	<3.0	<0.31	-
n-Butylbenzene	104-51-8	--	--	<0.23	<0.23	<0.20	<0.20	<0.20	<1.0	<1.0	<0.24	-
sec-Butylbenzene	135-98-8	--	--	<0.23	<0.22	<0.25	<0.25	<0.25	<1.0	<1.0	<0.15	-
tert-Butylbenzene	98-06-6	--	--	<0.20	<0.20	<0.20	<0.20	<0.20	<1.0	<1.0	<0.15	-
1,2-Dichloroethane	107-06-2	5	0.5	<0.27	<0.27	<0.50	<0.50	<0.50	<1.0	<1.0	<0.22	-
1,1-Dichloroethene	75-35-4	7	0.7	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<0.16	-
cis-1,2-Dichloroethene	156-59-2	70	7	<0.38	<0.38	46	0.9	0.9	<1.0	<1.0	<0.20	<0.47
trans-1,2-Dichloroethene	156-60-5	100	20	<0.30	<0.30	<0.50	<0.50	<0.50	<1.0	<1.0	<0.18	<0.53
Isopropylbenzene (cumene)	98-82-8	--	--	<0.19	<0.19	<0.20	<0.20	<0.20	<1.0	<1.0	<0.18	-
p-Isopropyltoluene	99-87-6	--	--	<0.21	<0.21	<0.20	<0.20	<0.20	<1.0	<1.0	<0.15	-
Methylene Chloride	75-09-2	5	0.5	<0.30	<0.30	<1.0	<1.0	<1.0	<4.0	<4.0	<1.5	-
Naphthalene	91-20-3	100	10	<0.17	<0.17	<0.25	<0.25	<0.25	<4.0	<4.0	<1.6	-
n-Propylbenzene	103-65-1	--	--	<0.22	<0.22	<0.50	<0.50	<0.50	<1.0	<1.0	<0.10	-
Styrene	100-42-5	100	10	<0.38	<0.38	<0.50	<0.50	<0.50	<1.0	<1.0	<0.19	-
Tetrachloroethene (PCE)	127-18-4	5	0.5	<0.29	<0.29	69	<0.50	<0.50	<1.0	<1.0	<0.17	<0.41
Trichloroethene (TCE)	79-01-6	5	0.5	<0.37	<0.37	12	<0.20	<0.20	<0.40	<0.40	<0.15	<0.32
Vinyl chloride	75-01-4	0.2	0.02	<0.27	<0.27	<0.20	<0.20	<0.20	<0.40	<0.40	<0.092	<0.17

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

- = Not Sampled

-- = No Standard/Not Applicable

‡ = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Table 11
Groundwater Analytical Results
MW12
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893

Reported/Collected By-->				MSA					REI
Date-->				16-Jul-15	22-Oct-15	28-Jun-16	25-Jun-19	4-Dec-19	1-Nov-23
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)						
Benzene	71-43-2	5	0.5	<0.21	<0.50	<0.042	<0.10	<0.10	-
Ethylbenzene	100-41-4	700	140	<0.23	<0.50	<0.075	<0.14	<0.14	-
Toluene	108-88-3	800	160	<0.13	<0.50	<0.059	0.20 ^J	<0.083	-
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	<0.20	<0.17	<0.047	<0.16	<0.16	-
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	<0.16	<0.50	<0.11	<0.32	<0.32	-
Xylenes ²	1330-20-7	2,000	400	<0.60	<0.50	<0.15	<0.31	<0.31	-
n-Butylbenzene	104-51-8	--	--	<0.083	<0.50	<0.16	<0.24	<0.24	-
sec-Butylbenzene	135-98-8	--	--	<0.16	<2.2	<0.094	<0.15	<0.15	-
tert-Butylbenzene	98-06-6	--	--	<0.18	<0.18	<0.051	<0.15	<0.15	-
1,2-Dichloroethane	107-06-2	5	0.5	<0.17	<0.17	<0.072	<0.22	<0.22	-
1,1-Dichloroethene	75-35-4	7	0.7	<0.22	<0.41	<0.069	<0.16	<0.16	-
cis-1,2-Dichloroethene	156-59-2	70	7	<0.25	<0.26	<0.12	<0.15	<0.15	<0.47
trans-1,2-Dichloroethene	156-60-5	100	20	<0.21	<0.26	<0.15	<0.24	<0.24	<0.53
Isopropylbenzene (cumene)	98-82-8	--	--	<0.17	<0.14	<0.064	<0.18	<0.18	-
p-Isopropyltoluene	99-87-6	--	--	<0.16	<0.50	<0.064	<0.15	<0.15	-
				<2.5	<3.0	<1.1	<0.99	<0.99	-
Methylene Chloride	75-09-2	5	0.5	<0.56	<0.23	<0.097	<0.98	<1.5	-
Naphthalene	91-20-3	100	10	<0.14	<2.5	<0.064	<0.48	<1.6	-
n-Propylbenzene	103-65-1	--	--	<0.21	<0.50	<0.049	<0.10	<0.10	-
Styrene	100-42-5	100	10	<0.11	<0.50	<0.056	<0.19	<0.19	-
Tetrachloroethene (PCE)	127-18-4	5	0.5	<0.19	<0.50	<0.13	<0.17	<0.17	<0.41
Trichloroethene (TCE)	79-01-6	5	0.5	<0.14	<0.33	<0.051	<0.15	<0.15	<0.32
Vinyl chloride	75-01-4	0.2	0.02	<0.15	<0.18	<0.084	<0.092	<0.092	<0.17

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

- = Not Sampled

-- = No Standard/Not Applicable

^J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Table 1m
Groundwater Analytical Results
MW13
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893



Reported/Collected By-->				MSA									REI
Date-->				16-Jul-15	22-Oct-15	28-Jun-16	18-Apr-17	21-Jun-17	26-Sep-18	11-Dec-18	25-Jun-19	4-Dec-19	2-Nov-23
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)										
Benzene	71-43-2	5	0.5	<0.21	<0.50	<0.042	-	-	<0.10	<0.10	<0.10	<0.10	-
Ethylbenzene	100-41-4	700	140	<0.23	<0.50	<0.075	-	-	<0.14	<0.14	<0.14	<0.14	-
Toluene	108-88-3	800	160	<0.13	<0.50	<0.059	-	-	<0.083	<0.083	<0.083	<0.083	-
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	<0.20	<0.17	<0.047	-	-	<0.16	<0.16	<0.16	<0.16	-
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	<0.16	<0.50	<0.11	-	-	<0.32	<0.32	<0.32	<0.32	-
Xylenes ²	1330-20-7	2,000	400	<0.60	<0.50	<0.15	-	-	<0.31	<0.31	<0.31	<0.31	-
n-Butylbenzene	104-51-8	--	--	<0.083	<0.50	<0.16	-	-	<0.24	<0.24	<0.24	<0.24	-
sec-Butylbenzene	135-98-8	--	--	<0.16	<2.2	<0.094	-	-	<0.15	<0.15	<0.15	<0.15	-
tert-Butylbenzene	98-06-6	--	--	<0.18	<0.18	<0.051	-	-	<0.15	<0.15	<0.15	<0.15	-
1,2-Dichloroethane	107-06-2	5	0.5	<0.17	<0.17	<0.072	-	-	<0.22	<0.22	<0.22	<0.22	-
1,1-Dichloroethene	75-35-4	7	0.7	<0.22	<0.41	<0.069	-	-	<0.16	<0.16	<0.16	<0.16	-
cis-1,2-Dichloroethene	156-59-2	70	7	<0.25	<0.26	<0.12	<0.50	<0.50	<0.15	<0.15	<0.15	<0.15	<0.47
trans-1,2-Dichloroethene	156-60-5	100	20	<0.21	<0.26	<0.15	<0.50	<0.50	<0.12	<0.24	<0.24	<0.24	<0.53
Isopropylbenzene (cumene)	98-82-8	--	--	<0.17	<0.14	<0.064	-	-	<0.18	<0.18	<0.18	<0.18	-
p-Isopropyltoluene	99-87-6	--	--	<0.16	<0.50	<0.064	-	-	<0.15	<0.15	<0.15	<0.15	-
Methylene Chloride	75-09-2	5	0.5	<0.56	<0.23	<0.097	-	-	<0.98	<0.98	<0.98	<1.5	-
Naphthalene	91-20-3	100	10	<0.14	<2.5	<0.064	-	-	<0.48	<0.48	<0.48	<1.6	-
n-Propylbenzene	103-65-1	--	--	<0.21	<0.50	<0.049	-	-	<0.10	<0.10	<0.10	<0.10	-
Styrene	100-42-5	100	10	<0.11	<0.50	<0.056	-	-	<0.19	<0.19	<0.19	<0.19	-
Tetrachloroethene (PCE)	127-18-4	5	0.5	<0.19	<0.50	<0.13	<i>0.53</i>	<0.50	<0.17	<0.17	<0.17	<0.17	<0.41
Trichloroethene (TCE)	79-01-6	5	0.5	<0.14	<0.33	<0.051	<0.40	<0.40	<0.15	<0.15	<0.15	<0.15	<0.32
Vinyl chloride	75-01-4	0.2	0.02	<0.15	<0.18	<0.084	-	-	<0.092	<0.092	<0.092	<0.092	<0.17

Notes:
¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers
² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers
µg/L - Parts Per Billion (ppb)
< = Concentration Below Laboratory Detection Limit
- = Not Sampled
-- = No Standard/Not Applicable
^J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Table 1n
Groundwater Analytical Results
MW13D (St Croix Hardwoods)
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893

Reported/Collected By-->				MSA										REI
Date-->				18-Apr-17	21-Jun-17	27-Sep-18	11-Dec-18	25-Jun-19	4-Dec-19	1-Dec-20	3-Mar-21	1-Jul-21	24-Sep-21	2-Nov-23
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)											
Benzene	71-43-2	5	0.5	-	-	<0.10	<0.10	0.19 ^J	<0.10	<0.12	<0.25	<0.12	<0.314	-
Ethylbenzene	100-41-4	700	140	-	-	<0.14	<0.14	<0.14	<0.14	<0.075	<0.32	<0.069	<0.457	-
Toluene	108-88-3	800	160	13.5	0.88	<0.083	<0.083	<0.083	<0.083	<0.12	<0.27	<0.11	<0.927	-
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	-	-	<0.16	<0.16	<0.16	<0.16	<0.12	<1.2	<0.18	<0.337	-
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	-	-	<0.32	<0.32	<0.32	<0.32	<0.29	<1.71	<0.216	<1.417	-
Xylenes ²	1330-20-7	2,000	400	-	-	<0.31	<0.31	<0.31	<0.31	<0.29	<0.73	<0.18	<0.580	-
n-Butylbenzene	104-51-8	--	--	-	-	<0.24	<0.24	<0.24	<0.24	<0.16	<0.71	<0.052	<0.523	-
sec-Butylbenzene	135-98-8	--	--	-	-	<0.15	<0.15	<0.15	<0.15	<0.15	<0.85	<0.14	<0.417	-
tert-Butylbenzene	98-06-6	--	--	-	-	<0.15	<0.15	<0.15	<0.15	<0.13	<0.30	<0.11	<0.423	-
1,2-Dichloroethane	107-06-2	5	0.5	-	-	<0.22	<0.22	<0.22	<0.22	<0.25	<0.28	<0.14	<0.273	-
1,1-Dichloroethene	75-35-4	7	0.7	-	-	<0.16	<0.16	<0.16	<0.16	<0.17	<0.24	<0.14	<0.333	-
cis-1,2-Dichloroethene	156-59-2	70	7	4.2	6.4	2.3	7.8	19.8	38.9	22	15.4	7.2	4.05	<0.47
trans-1,2-Dichloroethene	156-60-5	100	20	<0.50	<0.50	<0.12	<0.24	<0.24	<0.24	<0.19	<0.46	<0.15	<0.497	<0.53
Isopropylbenzene (cumene)	98-82-8	--	--	-	-	<0.18	<0.18	<0.18	<0.18	<0.13	<1.7	<0.11	<0.350	-
p-Isopropyltoluene	99-87-6	--	--	-	-	<0.15	<0.15	<0.15	<0.15	<0.18	<0.80	<0.12	<0.400	-
Methylene Chloride	75-09-2	5	0.5	-	-	<0.98	<0.98	<0.98	<1.5	<1.1	<0.58	<0.83	<1.43	-
Naphthalene	91-20-3	100	10	-	-	<0.48	<0.48	<0.48	<1.6	<0.68	<1.2	<0.20	<3.33	-
n-Propylbenzene	103-65-1	--	--	-	-	<0.10	<0.10	<0.10	<0.10	<0.18	<0.81	<0.090	<0.331	-
Styrene	100-42-5	100	10	-	-	<0.19	<0.19	<0.19	<0.19	<0.11	<3.0	<0.13	<0.393	-
Tetrachloroethene (PCE)	127-18-4	5	0.5	17.2	24.6	12.4	24.6	55.5	75.8	73.8	69.6	47.4	35.6	10
Trichloroethene (TCE)	79-01-6	5	0.5	5.6	7.2	2.8	7.0	13.6	22.3	16.7	15.2	10.3	6.68	<i>1.3</i>
Vinyl chloride	75-01-4	0.2	0.02	-	-	<0.092	<0.092	<0.092	<0.092	<0.099	<0.17	<0.063	<0.780	<0.17

Notes:
¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers
² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers
µg/L - Parts Per Billion (ppb)
< = Concentration Below Laboratory Detection Limit
- = Not Sampled
-- = No Standard/Not Applicable
^J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Table 1o
Groundwater Analytical Results
MW14
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893

Reported/Collected By-->				MSA							REI	
Date-->				28-Jun-16	13-Sep-16	12-Dec-16	15-Mar-17	26-Sep-18	11-Dec-18	25-Jun-19	14-Dec-19	2-Nov-23
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)									
Benzene	71-43-2	5	0.5	<0.042	<0.16			<0.10	<0.10	<0.10	<0.10	-
Ethylbenzene	100-41-4	700	140	<0.075	<0.15			<0.14	<0.14	<0.14	<0.14	-
Toluene	108-88-3	800	160	<0.059	<0.14			<0.083	<0.083	<0.083	<0.083	-
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	<0.047	<0.15			<0.16	<0.16	<0.16	<0.16	-
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	<0.11	<0.45			<0.32	<0.32	<0.32	<0.32	-
Xylenes ²	1330-20-7	2,000	400	<0.15	<0.32			<0.31	<0.31	<0.31	<0.31	-
n-Butylbenzene	104-51-8	--	--	<0.16	<0.16			<0.24	<0.24	<0.24	<0.24	-
sec-Butylbenzene	135-98-8	--	--	<0.094	<0.19			<0.15	<0.15	<0.15	<0.15	-
tert-Butylbenzene	98-06-6	--	--	<0.051	<0.22	UNABLE TO SAMPLE - BENTONITE FROZEN OVER TOP OF WELL CASING	UNABLE TO SAMPLE - BENTONITE FROZEN OVER TOP OF WELL CASING	<0.15	<0.15	<0.15	<0.15	-
1,2-Dichloroethane	107-06-2	5	0.5	<0.072	<0.17			<0.22	<0.22	<0.22	<0.22	-
1,1-Dichloroethene	75-35-4	7	0.7	<0.069	<0.28			<0.16	<0.16	<0.16	<0.16	-
cis-1,2-Dichloroethene	156-59-2	70	7	<0.12	<0.12			<0.15	<0.15	<0.15	<0.15	<0.47
trans-1,2-Dichloroethene	156-60-5	100	20	<0.15	<0.16			<0.12	<0.24	<0.24	<0.24	<0.53
Isopropylbenzene (cumene)	98-82-8	--	--	<0.064	<0.25			<0.18	<0.18	<0.18	<0.18	-
p-Isopropyltoluene	99-87-6	--	--	<0.064	<0.19			<0.15	<0.15	<0.15	<0.15	-
Methylene Chloride	75-09-2	5	0.5	<0.097	<0.29			<0.98	<0.98	<0.98	<1.5	-
Naphthalene	91-20-3	100	10	<0.064	<0.20			<0.48	<0.48	<0.48	<1.6	-
n-Propylbenzene	103-65-1	--	--	<0.049	<0.23			<0.10	<0.10	<0.10	<0.10	-
Styrene	100-42-5	100	10	<0.056	<0.29			<0.19	<0.19	<0.19	<0.19	-
Tetrachloroethene (PCE)	127-18-4	5	0.5	<0.13	<0.25			<i>0.54</i>	<i>2.0</i>	<i>1.3</i>	<i>1.0</i>	<0.41
Trichloroethene (TCE)	79-01-6	5	0.5	<0.051	<0.20			<0.15	<0.15	0.28 ¹	<0.15	<0.32
Vinyl chloride	75-01-4	0.2	0.02	<0.084	<0.15			<0.092	<0.092	<0.092	<0.092	<0.17

Notes:
¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers
² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers
µg/L - Parts Per Billion (ppb)
< = Concentration Below Laboratory Detection Limit
- = Not Sampled
-- = No Standard/Not Applicable
¹ = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Table 1p
Groundwater Analytical Results
MW15S (St Croix Hardwoods)
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893

Reported/Collected By-->				MSA							REI
Date-->				18-Apr-17	21-Jun-17	21-Jun-17	27-Sep-18	11-Dec-18	25-Jun-19	4-Dec-19	2-Nov-23
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)								
Benzene	71-43-2	5	0.5	-	-	-	<0.10	<0.10	<0.10	<0.10	-
Ethylbenzene	100-41-4	700	140	-	-	-	<0.14	<0.14	<0.14	<0.14	-
Toluene	108-88-3	800	160	-	-	-	<0.083	<0.083	<0.083	<0.083	-
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	-	-	-	<0.16	<0.16	<0.16	<0.16	-
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	-	-	-	<0.32	<0.32	<0.32	<0.32	-
Xylenes ²	1330-20-7	2,000	400	-	-	-	<0.31	<0.31	<0.31	<0.31	-
n-Butylbenzene	104-51-8	--	--	-	-	-	<0.24	<0.24	<0.24	<0.24	-
sec-Butylbenzene	135-98-8	--	--	-	-	-	<0.15	<0.15	<0.15	<0.15	-
tert-Butylbenzene	98-06-6	--	--	-	-	-	<0.15	<0.15	<0.15	<0.15	-
1,2-Dichloroethane	107-06-2	5	0.5	-	-	-	<0.22	<0.22	<0.22	<0.22	-
1,1-Dichloroethene	75-35-4	7	0.7	-	-	-	<0.16	<0.16	<0.16	<0.16	-
cis-1,2-Dichloroethene	156-59-2	70	7	<0.50	<0.50	<0.50	<0.15	<0.15	<0.15	<0.15	<0.47
trans-1,2-Dichloroethene	156-60-5	100	20	<0.50	<0.50	<0.50	<0.12	<0.24	<0.24	<0.24	<0.53
Isopropylbenzene (cumene)	98-82-8	--	--	-	-	-	<0.18	<0.18	<0.18	<0.18	-
p-Isopropyltoluene	99-87-6	--	--	-	-	-	<0.15	<0.15	<0.15	<0.15	-
Methylene Chloride	75-09-2	5	0.5	-	-	-	<0.98	<0.98	<0.98	<1.5	-
Naphthalene	91-20-3	100	10	-	-	-	<0.48	<0.48	<0.48	<1.6	-
n-Propylbenzene	103-65-1	--	--	-	-	-	<0.10	<0.10	<0.10	<0.10	-
Styrene	100-42-5	100	10	-	-	-	<0.19	<0.19	<0.19	<0.19	-
Tetrachloroethene (PCE)	127-18-4	5	0.5	<i>2.7</i>	<i>2.1</i>	<i>2.1</i>	<i>1.4</i>	<i>1.5</i>	<i>0.66</i>	<0.17	<i>0.99¹</i>
Trichloroethene (TCE)	79-01-6	5	0.5	0.42	<0.40	<0.40	<0.15	<0.15	<0.15	<0.15	<0.32
Vinyl chloride	75-01-4	0.2	0.02	-	-	-	<0.092	<0.092	<0.092	<0.092	<0.17

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

- = Not Sampled

-- = No Standard/Not Applicable

¹ = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Table 1q
Groundwater Analytical Results
MW15D (St Croix Hardwoods)
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893

Reported/Collected By-->				MSA										REI
Date-->				18-Apr-17	21-Jun-17	27-Sep-18	11-Dec-18	25-Jun-19	4-Dec-19	1-Dec-20	3-Mar-21	1-Jul-21	24-Sep-21	2-Nov-23
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)											
Benzene	71-43-2	5	0.5	-	-	0.51	<0.10	0.32	0.12	0.13	<0.25	0.15	0.195	-
Ethylbenzene	100-41-4	700	140	-	-	<0.14	<0.14	<0.14	<0.14	<0.075	<0.32	<0.069	<0.457	-
Toluene	108-88-3	800	160	-	-	<0.083	<0.083	<0.083	<0.083	<0.12	<0.27	<0.11	<0.927	-
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	-	-	<0.16	<0.16	<0.16	<0.16	0.26	<1.2	<0.18	<0.337	-
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	-	-	<0.32	<0.32	<0.32	<0.32	<0.29	<1.71	<0.216	<1.417	-
Xylenes ²	1330-20-7	2,000	400	-	-	<0.31	<0.31	<0.31	<0.31	<0.29	<0.73	<0.18	<0.580	-
n-Butylbenzene	104-51-8	--	--	-	-	<0.24	<0.24	<0.24	<0.24	<0.16	<0.71	<0.052	<0.523	-
sec-Butylbenzene	135-98-8	--	--	-	-	0.85	<0.15	<0.15	<0.15	<0.15	<0.85	<0.14	<0.417	-
tert-Butylbenzene	98-06-6	--	--	-	-	<0.15	<0.15	<0.15	<0.15	<0.13	<0.30	<0.11	<0.423	-
1,2-Dichloroethane	107-06-2	5	0.5	-	-	0.46	<0.22	<0.22	<0.22	<0.25	<0.28	<0.14	<0.273	-
1,1-Dichloroethene	75-35-4	7	0.7	-	-	<0.16	<0.16	<0.16	<0.16	<0.17	<0.24	<0.14	0.202	-
cis-1,2-Dichloroethene	156-59-2	70	7	4.7	5.9	3.3	8.2	19.2	28.8	34.3	27.2	27.8	27.9	<0.47
trans-1,2-Dichloroethene	156-60-5	100	20	<0.50	<0.50	<0.12	<0.24	<0.24	<0.24	<0.19	<0.46	<0.15	<0.497	<0.53
Isopropylbenzene (cumene)	98-82-8	--	--	-	-	<0.18	<0.18	<0.18	<0.18	<0.13	<1.7	<0.11	<0.350	-
p-Isopropyltoluene	99-87-6	--	--	-	-	<0.15	<0.15	<0.15	<0.15	<0.18	<0.80	<0.12	<0.400	-
Methylene Chloride	75-09-2	5	0.5	-	-	<0.98	<0.98	<0.98	<1.5	<1.1	<0.58	<0.83	<1.43	-
Naphthalene	91-20-3	100	10	-	-	<0.48	<0.48	<0.48	<1.6	<0.68	<1.2	<0.20	<3.33	-
n-Propylbenzene	103-65-1	--	--	-	-	<0.10	<0.10	<0.10	<0.10	<0.18	<0.81	<0.090	<0.331	-
Styrene	100-42-5	100	10	-	-	<0.19	<0.19	<0.19	<0.19	<0.11	<3.0	<0.13	<0.393	-
Tetrachloroethene (PCE)	127-18-4	5	0.5	47.1	53.9	31.1	42.5	80.1	83	101	85.3	86.6	98.5	<i>1.4</i>
Trichloroethene (TCE)	79-01-6	5	0.5	10.3	11.7	8.7	11.1	16.9	22.2	23.4	20	21.5	20.9	0.33 ^j
Vinyl chloride	75-01-4	0.2	0.02	-	-	<0.092	<0.092	<0.092	<0.092	<0.099	<0.17	<0.063	<0.780	<0.17

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

- = Not Sampled

-- = No Standard/Not Applicable

^j = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Table 1r
Groundwater Analytical Results
MW16S (St Croix Hardwoods)
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893

<i>Reported/Collected By--></i>				MSA						REI
<i>Date--></i>				18-Apr-17	21-Jun-17	27-Sep-18	11-Dec-18	25-Jun-19	4-Dec-19	2-Nov-23
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)							
Benzene	71-43-2	5	0.5	-	-	<0.10	<0.10	<0.10	<0.10	-
Ethylbenzene	100-41-4	700	140	-	-	<0.14	<0.14	<0.14	<0.14	-
Toluene	108-88-3	800	160	-	-	<0.083	<0.083	<0.083	<0.083	-
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	-	-	<0.16	<0.16	<0.16	<0.16	-
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	-	-	<0.32	<0.32	<0.32	<0.32	-
Xylenes ²	1330-20-7	2,000	400	-	-	<0.31	<0.31	<0.31	<0.31	-
n-Butylbenzene	104-51-8	--	--	-	-	<0.24	<0.24	<0.24	<0.24	-
sec-Butylbenzene	135-98-8	--	--	-	-	<0.15	<0.15	<0.15	<0.15	-
tert-Butylbenzene	98-06-6	--	--	-	-	<0.15	<0.15	<0.15	<0.15	-
1,2-Dichloroethane	107-06-2	5	0.5	-	-	<0.22	<0.22	<0.22	<0.22	-
1,1-Dichloroethene	75-35-4	7	0.7	-	-	<0.16	<0.16	<0.16	<0.16	-
cis-1,2-Dichloroethene	156-59-2	70	7	3.7	2.0	0.86	<0.15	0.78	0.46 ^J	3.7
trans-1,2-Dichloroethene	156-60-5	100	20	<0.50	<0.50	<0.12	<0.24	<0.24	<0.24	<0.53
Isopropylbenzene (cumene)	98-82-8	--	--	-	-	<0.18	<0.18	<0.18	<0.18	-
p-Isopropyltoluene	99-87-6	--	--	-	-	<0.15	<0.15	<0.15	<0.15	-
Methylene Chloride	75-09-2	5	0.5	-	-	<0.98	<0.98	<0.98	<1.5	-
Naphthalene	91-20-3	100	10	-	-	<0.48	<0.48	<0.48	<1.6	-
n-Propylbenzene	103-65-1	--	--	-	-	<0.10	<0.10	<0.10	<0.10	-
Styrene	100-42-5	100	10	-	-	<0.19	<0.19	<0.19	<0.19	-
Tetrachloroethene (PCE)	127-18-4	5	0.5	18	14	8.2	8.3	4.0	5.0	9.6
Trichloroethene (TCE)	79-01-6	5	0.5	8.5	7.8	4.9	4.2	2.8	3.0	4.4
Vinyl chloride	75-01-4	0.2	0.02	-	-	<0.092	<0.092	<0.092	<0.092	<0.17

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

- = Not Sampled

-- = No Standard/Not Applicable

^J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Table 1s
Groundwater Analytical Results
MW16D (St Croix Hardwoods)
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893

<i>Reported/Collected By--></i>				MSA						REI
<i>Date--></i>				18-Apr-17	21-Jun-17	27-Sep-18	11-Dec-18	25-Jun-19	4-Dec-19	2-Nov-23
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)							
Benzene	71-43-2	5	0.5	-	-	<0.10	<0.10	<0.10	<0.10	-
Ethylbenzene	100-41-4	700	140	-	-	<0.14	<0.14	<0.14	<0.14	-
Toluene	108-88-3	800	160	-	-	<0.083	<0.083	<0.083	<0.083	-
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	-	-	<0.16	<0.16	<0.16	<0.16	-
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	-	-	<0.32	<0.32	<0.32	<0.32	-
Xylenes ²	1330-20-7	2,000	400	-	-	<0.31	<0.31	<0.31	<0.31	-
n-Butylbenzene	104-51-8	--	--	-	-	<0.24	<0.24	<0.24	<0.24	-
sec-Butylbenzene	135-98-8	--	--	-	-	<0.15	<0.15	<0.15	<0.15	-
tert-Butylbenzene	98-06-6	--	--	-	-	<0.15	<0.15	<0.15	<0.15	-
1,2-Dichloroethane	107-06-2	5	0.5	-	-	0.4	<0.22	<0.22	<0.22	-
1,1-Dichloroethene	75-35-4	7	0.7	-	-	<0.16	<0.16	<0.16	<0.16	-
cis-1,2-Dichloroethene	156-59-2	70	7	<i>17.3</i>	<i>14.7</i>	<i>11.5</i>	<i>12.6</i>	<i>12.4</i>	<i>12.9</i>	6
trans-1,2-Dichloroethene	156-60-5	100	20	1.5	0.89	1.8	1.6	1.8	1.7	1.5
Isopropylbenzene (cumene)	98-82-8	--	--	-	-	<0.18	<0.18	<0.18	<0.18	-
p-Isopropyltoluene	99-87-6	--	--	-	-	<0.15	<0.15	<0.15	<0.15	-
Methylene Chloride	75-09-2	5	0.5	-	-	<0.98	<0.98	<0.98	<1.5	-
Naphthalene	91-20-3	100	10	-	-	<0.48	<0.48	<0.48	<1.6	-
n-Propylbenzene	103-65-1	--	--	-	-	<0.10	<0.10	<0.10	<0.10	-
Styrene	100-42-5	100	10	-	-	<0.19	<0.19	<0.19	<0.19	-
Tetrachloroethene (PCE)	127-18-4	5	0.5	7.8	13.1	4.6	9.4	5.1	7.2	<i>1.5</i>
Trichloroethene (TCE)	79-01-6	5	0.5	45.3	38.6	38.7	42.7	49.5	42.8	42.2
Vinyl chloride	75-01-4	0.2	0.02	-	-	<0.092	<0.092	<0.092	<0.092	<0.17

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

- = Not Sampled

-- = No Standard/Not Applicable

^J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Table 1t
Groundwater Analytical Results
MW17
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893

Reported/Collected By-->				MSA								REI
Date-->				26-Sep-18	11-Dec-18	25-Jun-19	4-Dec-19	1-Dec-20	3-Mar-21	1-Jul-21	24-Sep-21	1-Nov-23
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)									
Benzene	71-43-2	5	0.5	<0.10	<0.10	<0.10	<0.10	<0.12	<0.25	<0.12	<0.314	-
Ethylbenzene	100-41-4	700	140	<0.14	<0.14	<0.14	<0.14	<0.075	<0.32	<0.069	<0.457	-
Toluene	108-88-3	800	160	<0.083	<0.083	<0.083	<0.083	<0.12	<0.27	<0.11	<0.927	-
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	<0.16	<0.16	<0.16	<0.16	<0.12	<1.2	<0.18	<0.337	-
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	<0.32	<0.32	<0.32	<0.32	<0.29	<1.71	<0.216	<1.417	-
Xylenes ²	1330-20-7	2,000	400	<0.31	<0.31	<0.31	<0.31	<0.29	<0.73	<0.18	<0.580	-
n-Butylbenzene	104-51-8	--	--	<0.24	<0.24	<0.24	<0.24	<0.24	<0.71	<0.052	<0.523	-
sec-Butylbenzene	135-98-8	--	--	<0.15	<0.15	<0.15	<0.15	<0.15	<0.85	<0.14	<0.417	-
tert-Butylbenzene	98-06-6	--	--	<0.15	<0.15	<0.15	<0.15	<0.13	<0.30	<0.11	<0.423	-
1,2-Dichloroethane	107-06-2	5	0.5	<0.22	<0.22	<0.22	<0.22	<0.25	<0.28	<0.14	<0.273	-
1,1-Dichloroethene	75-35-4	7	0.7	<0.16	<0.16	<0.16	<0.16	<0.17	<0.24	<0.14	<0.627	-
cis-1,2-Dichloroethene	156-59-2	70	7	<0.15	<0.15	<0.15	<0.15	<0.20	<0.27	<0.17	<0.420	<0.47
trans-1,2-Dichloroethene	156-60-5	100	20	<0.12	<0.24	<0.24	<0.24	<0.19	<0.46	<0.15	<0.497	<0.53
Isopropylbenzene (cumene)	98-82-8	--	--	<0.18	<0.18	<0.18	<0.18	<0.13	<1.7	<0.11	<0.350	-
p-Isopropyltoluene	99-87-6	--	--	<0.15	<0.15	<0.15	<0.15	<0.18	<0.80	<0.12	<0.400	-
Methylene Chloride	75-09-2	5	0.5	<0.98	<0.98	<0.98	<1.5	<1.1	<0.58	<0.83	<1.43	-
Naphthalene	91-20-3	100	10	<0.48	<0.48	<0.48	<1.6	<0.68	<1.2	<0.20	<3.33	-
n-Propylbenzene	103-65-1	--	--	<0.10	<0.10	<0.10	<0.10	<0.18	<0.81	<0.090	<0.331	-
Styrene	100-42-5	100	10	<0.19	<0.19	<0.19	<0.19	<0.11	<3.0	<0.13	<0.393	-
Tetrachloroethene (PCE)	127-18-4	5	0.5	<0.17	<0.17	<0.17	<0.17	<0.17	<0.33	<0.10	<1.00	0.45 ¹
Trichloroethene (TCE)	79-01-6	5	0.5	<0.15	<0.15	<0.15	<0.15	<0.15	<0.26	<0.13	<0.633	<0.32
Vinyl chloride	75-01-4	0.2	0.02	<0.092	<0.092	<0.092	<0.092	<0.099	<0.17	<0.063	<0.780	<0.17

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

- = Not Sampled

-- = No Standard/Not Applicable

¹ = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold = Exceeds NR140.10 Enforcement Standard

Italic = Exceeds NR140.10 Preventive Action Limit

Table 1u
Groundwater Analytical Results
MW17-40
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893

Reported/Collected By-->				MSA								REI
Date-->				26-Sep-18	11-Dec-18	25-Jun-19	4-Dec-19	1-Dec-20	3-Mar-21	1-Jul-21	24-Sep-21	1-Nov-23
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)									
Benzene	71-43-2	5	0.5	<0.10	<0.10	<0.10	<0.10	<0.12	<0.25	<0.12	<0.314	-
Ethylbenzene	100-41-4	700	140	<0.14	<0.14	<0.14	<0.14	<0.075	<0.32	<0.069	<0.457	-
Toluene	108-88-3	800	160	<0.083	<0.083	<0.083	<0.083	<0.12	<0.27	<0.11	<0.927	-
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	<0.16	<0.16	<0.16	<0.16	<0.12	<1.2	<0.18	<0.337	-
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	<0.32	<0.32	<0.32	<0.32	<0.29	<1.71	<0.216	<1.417	-
Xylenes ²	1330-20-7	2,000	400	<0.31	<0.31	<0.31	<0.31	<0.29	<0.73	<0.18	<0.580	-
n-Butylbenzene	104-51-8	--	--	<0.24	<0.24	<0.24	<0.24	<0.24	<0.71	<0.052	<0.523	-
sec-Butylbenzene	135-98-8	--	--	<0.15	<0.15	<0.15	<0.15	<0.15	<0.85	<0.14	<0.417	-
tert-Butylbenzene	98-06-6	--	--	<0.15	<0.15	<0.15	<0.15	<0.13	<0.30	<0.11	<0.423	-
1,2-Dichloroethane	107-06-2	5	0.5	<0.22	<0.22	<0.22	<0.22	<0.25	<0.28	<0.14	<0.273	-
1,1-Dichloroethene	75-35-4	7	0.7	<0.16	<0.16	<0.16	<0.16	<0.17	<0.24	<0.14	<0.627	-
cis-1,2-Dichloroethene	156-59-2	70	7	<0.15	<0.15	<0.15	<0.15	<0.20	<0.27	<0.17	<0.420	<0.47
trans-1,2-Dichloroethene	156-60-5	100	20	<0.12	<0.24	<0.24	<0.24	<0.19	<0.46	<0.15	<0.497	<0.53
Isopropylbenzene (cumene)	98-82-8	--	--	<0.18	<0.18	<0.18	<0.18	<0.13	<1.7	<0.11	<0.350	-
p-Isopropyltoluene	99-87-6	--	--	<0.15	<0.15	<0.15	<0.15	<0.18	<0.80	<0.12	<0.400	-
Methylene Chloride	75-09-2	5	0.5	<0.98	<0.98	<0.98	<1.5	<1.1	<0.58	<0.83	<1.43	-
Naphthalene	91-20-3	100	10	<0.48	<0.48	<0.48	<1.6	<0.68	<1.2	<0.20	<3.33	-
n-Propylbenzene	103-65-1	--	--	<0.10	<0.10	<0.10	<0.10	<0.18	<0.81	<0.090	<0.331	-
Styrene	100-42-5	100	10	<0.19	<0.19	<0.19	<0.19	<0.11	<3.0	<0.13	<0.393	-
Tetrachloroethene (PCE)	127-18-4	5	0.5	<0.17	<0.17	<0.17	<0.17	<0.17	<0.33	<0.10	<1.00	<0.41
Trichloroethene (TCE)	79-01-6	5	0.5	<0.15	<0.15	<0.15	<0.15	<0.15	<0.26	<0.13	<0.633	<0.32
Vinyl chloride	75-01-4	0.2	0.02	<0.092	<0.092	<0.092	<0.092	<0.099	<0.17	<0.063	<0.780	<0.17

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

-- = Not Sampled

-- = No Standard/Not Applicable

¹ = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Table 1v
Groundwater Analytical Results
MW17-70
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893

Reported/Collected By-->				MSA								REI
Date-->				26-Sep-18	11-Dec-18	25-Jun-19	4-Dec-19	1-Dec-20	3-Mar-21	1-Jul-21	24-Sep-21	1-Nov-23
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)									
Benzene	71-43-2	5	0.5	<0.10	<0.10	<0.10	<0.10	<0.12	<0.25	<0.12	<0.314	-
Ethylbenzene	100-41-4	700	140	<0.14	<0.14	<0.14	<0.14	<0.075	<0.32	<0.069	<0.457	-
Toluene	108-88-3	800	160	<0.083	<0.083	<0.083	<0.083	<0.12	<0.27	<0.11	<0.927	-
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	<0.16	<0.16	<0.16	<0.16	<0.12	<1.2	<0.18	<0.337	-
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	<0.32	<0.32	<0.32	<0.32	<0.29	<1.71	<0.216	<1.417	-
Xylenes ²	1330-20-7	2,000	400	<0.31	<0.31	<0.31	<0.31	<0.29	<0.73	<0.18	<0.580	-
n-Butylbenzene	104-51-8	--	--	<0.24	<0.24	<0.24	<0.24	<0.24	<0.71	<0.052	<0.523	-
sec-Butylbenzene	135-98-8	--	--	<0.15	<0.15	<0.15	<0.15	<0.15	<0.85	<0.14	<0.417	-
tert-Butylbenzene	98-06-6	--	--	<0.15	<0.15	<0.15	<0.15	<0.13	<0.30	<0.11	<0.423	-
1,2-Dichloroethane	107-06-2	5	0.5	<0.22	<0.22	<0.22	<0.22	<0.25	<0.28	<0.14	<0.273	-
1,1-Dichloroethene	75-35-4	7	0.7	<0.16	<0.16	<0.16	<0.16	<0.17	<0.24	<0.14	<0.627	-
cis-1,2-Dichloroethene	156-59-2	70	7	<0.15	<0.15	<0.15	<0.15	<0.20	<0.27	<0.17	<0.420	<0.47
trans-1,2-Dichloroethene	156-60-5	100	20	<0.12	<0.24	<0.24	<0.24	<0.19	<0.46	<0.15	<0.497	<0.53
Isopropylbenzene (cumene)	98-82-8	--	--	<0.18	<0.18	<0.18	<0.18	<0.13	<1.7	<0.11	<0.350	-
p-Isopropyltoluene	99-87-6	--	--	<0.15	<0.15	<0.15	<0.15	<0.18	<0.80	<0.12	<0.400	-
Methylene Chloride	75-09-2	5	0.5	<0.98	<0.98	<0.98	<1.5	<1.1	<0.58	<0.83	<1.43	-
Naphthalene	91-20-3	100	10	<0.48	<0.48	<0.48	<1.6	<0.68	<1.2	<0.20	<3.33	-
n-Propylbenzene	103-65-1	--	--	<0.10	<0.10	<0.10	<0.10	<0.18	<0.81	<0.090	<0.331	-
Styrene	100-42-5	100	10	<0.19	<0.19	<0.19	<0.19	<0.11	<3.0	<0.13	<0.393	-
Tetrachloroethene (PCE)	127-18-4	5	0.5	<0.17	<0.17	<0.17	<0.17	<0.17	<0.33	<0.10	<1.00	<0.41
Trichloroethene (TCE)	79-01-6	5	0.5	<0.15	<0.15	<0.15	<0.15	<0.15	<0.26	<0.13	<0.633	<0.32
Vinyl chloride	75-01-4	0.2	0.02	<0.092	<0.092	<0.092	<0.092	<0.099	<0.17	<0.063	<0.780	<0.17

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

- = Not Sampled

-- = No Standard/Not Applicable

¹ = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Table 1w
Groundwater Analytical Results
MW6 (Luck Telephone)
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893

<i>Reported/Collected By--></i>				MSA						REI
<i>Date--></i>				20-Sep-16	26-Sep-18	11-Dec-18	25-Jun-19	4-Dec-19	3-Mar-21	2-Nov-23
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)							
Benzene	71-43-2	5	0.5	-	<0.10	<0.10	<0.10	<0.10	<0.25	-
Ethylbenzene	100-41-4	700	140	-	<0.14	<0.14	<0.14	<0.14	<0.32	-
Toluene	108-88-3	800	160	-	<0.083	<0.083	<0.083	<0.083	<0.27	-
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	-	<0.16	<0.16	<0.16	<0.16	<1.2	-
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	-	<0.32	<0.32	<0.32	<0.32	<1.71	-
Xylenes ²	1330-20-7	2,000	400	-	<0.31	<0.31	<0.31	<0.31	<0.73	-
n-Butylbenzene	104-51-8	--	--	-	<0.24	<0.24	<0.24	<0.24	<0.71	-
sec-Butylbenzene	135-98-8	--	--	-	<0.15	<0.15	<0.15	<0.15	<0.85	-
tert-Butylbenzene	98-06-6	--	--	-	<0.15	<0.15	<0.15	<0.15	<0.30	-
1,2-Dichloroethane	107-06-2	5	0.5	-	<0.22	<0.22	<0.22	<0.22	<0.28	-
1,1-Dichloroethene	75-35-4	7	0.7	-	<0.16	<0.16	<0.16	<0.16	<0.24	-
cis-1,2-Dichloroethene	156-59-2	70	7	<0.17	<0.15	<0.15	<0.15	<0.15	<0.27	<0.47
trans-1,2-Dichloroethene	156-60-5	100	20	-	<0.12	<0.24	<0.24	<0.24	<0.46	<0.53
Isopropylbenzene (cumene)	98-82-8	--	--	-	<0.18	<0.18	<0.18	<0.18	<1.7	-
p-Isopropyltoluene	99-87-6	--	--	-	<0.15	<0.15	<0.15	<0.15	<0.80	-
Methylene Chloride	75-09-2	5	0.5	-	<0.98	<0.98	<0.98	<1.5	<0.58	-
Naphthalene	91-20-3	100	10	-	<0.48	<0.48	<0.48	<1.6	<1.2	-
n-Propylbenzene	103-65-1	--	--	-	<0.10	<0.10	<0.10	<0.10	<0.81	-
Styrene	100-42-5	100	10	-	<0.19	<0.19	<0.19	<0.19	<3.0	-
Tetrachloroethene (PCE)	127-18-4	5	0.5	<0.50	<0.17	<0.17	<0.17	<0.17	<0.33	<0.41
Trichloroethene (TCE)	79-01-6	5	0.5	<0.33	<0.15	<0.15	<0.15	<0.15	<0.26	<0.32
Vinyl chloride	75-01-4	0.2	0.02	-	<0.092	<0.092	<0.092	<0.092	<0.17	<0.17

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

- = Not Sampled

-- = No Standard/Not Applicable

† = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Table 1x
Groundwater Analytical Results
MW6-30 (Luck Telephone)
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893

Reported/Collected By-->				MSA								REI	
Date-->				20-Sep-16	26-Sep-18	11-Dec-18	25-Jun-19	4-Dec-19	1-Dec-20	3-Mar-21	1-Jul-21	24-Sep-21	2-Nov-23
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)										
Benzene	71-43-2	5	0.5	-	<0.10	<0.10	<0.10	<0.10	<0.12	<0.25	<0.12	<0.314	-
Ethylbenzene	100-41-4	700	140	-	<0.14	<0.14	<0.14	<0.14	<0.075	<0.32	<0.069	<0.457	-
Toluene	108-88-3	800	160	-	<0.083	<0.083	<0.083	<0.083	<0.12	<0.27	<0.11	<0.927	-
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	-	<0.16	<0.16	<0.16	<0.16	<0.12	<1.2	<0.18	<0.337	-
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	-	<0.32	<0.32	<0.32	<0.32	<0.29	<1.71	<0.216	<1.417	-
Xylenes ²	1330-20-7	2,000	400	-	<0.31	<0.31	<0.31	<0.31	<0.29	<0.73	<0.18	<0.580	-
n-Butylbenzene	104-51-8	--	--	-	<0.24	<0.24	<0.24	<0.24	<0.16	<0.71	<0.052	<0.523	-
sec-Butylbenzene	135-98-8	--	--	-	0.84	<0.15	0.41 ^J	0.51	<0.15	<0.85	<0.14	<0.417	-
tert-Butylbenzene	98-06-6	--	--	-	<0.15	<0.15	<0.15	<0.15	<0.13	<0.30	<0.11	<0.423	-
1,2-Dichloroethane	107-06-2	5	0.5	-	<0.22	<0.22	<0.22	<0.22	<0.25	<0.28	<0.12	<0.273	-
1,1-Dichloroethene	75-35-4	7	0.7	-	<0.16	<0.16	<0.16	<0.16	<0.17	<0.24	<0.14	<0.333	-
cis-1,2-Dichloroethene	156-59-2	70	7	<0.17	0.3	<0.15	0.34	<0.15	0.46	<0.27	<0.17	<0.420	<0.47
trans-1,2-Dichloroethene	156-60-5	100	20	-	<0.12	<0.24	<0.24	<0.24	<0.19	<0.46	<0.15	<0.497	<0.53
Isopropylbenzene (cumene)	98-82-8	--	--	-	<0.18	<0.18	<0.18	<0.18	<0.13	<1.7	<0.11	<0.350	-
p-Isopropyltoluene	99-87-6	--	--	-	<0.15	<0.15	<0.15	<0.15	<0.18	<0.80	<0.12	<0.400	-
Methylene Chloride	75-09-2	5	0.5	-	<0.98	<0.98	<0.98	<1.5	<1.1	<0.58	<0.83	<1.43	-
Naphthalene	91-20-3	100	10	-	<0.48	<0.48	<0.48	<1.6	<0.68	<1.2	<0.20	<3.33	-
n-Propylbenzene	103-65-1	--	--	-	<0.10	<0.10	<0.10	<0.10	<0.18	<0.81	<0.090	<0.331	-
Styrene	100-42-5	100	10	-	<0.19	<0.19	<0.19	<0.19	<0.11	<3.0	<0.13	<0.393	-
Tetrachloroethene (PCE)	127-18-4	5	0.5	<i>0.56</i>	<i>0.88</i>	<i>1.1</i>	<i>0.58</i>	<0.17	<i>0.51</i>	<0.33	<0.10	<i>0.698</i>	<0.41
Trichloroethene (TCE)	79-01-6	5	0.5	<0.33	<0.15	<0.15	<0.15	<0.15	<0.15	<0.26	<0.13	<0.633	<0.32
Vinyl chloride	75-01-4	0.2	0.02	-	<0.092	<0.092	<0.092	<0.092	<0.099	<0.17	<0.063	<0.780	<0.17

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

- = Not Sampled

-- = No Standard/Not Applicable

^J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Table 1y
Groundwater Analytical Results
MW6-50 (Luck Telephone)
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893

Reported/Collected By-->				MSA									REI
Date-->				20-Sep-16	26-Sep-18	11-Dec-18	25-Jun-19	4-Dec-19	1-Dec-20	3-Mar-21	7-Jul-21	24-Sep-21	2-Nov-23
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)										
Benzene	71-43-2	5	0.5	-	<0.10	<0.10	<0.10	<0.10	<0.12	<0.25	<0.12	<0.314	-
Ethylbenzene	100-41-4	700	140	-	<0.14	<0.14	<0.14	<0.14	<0.075	<0.32	<0.069	<0.457	-
Toluene	108-88-3	800	160	-	<0.083	<0.083	<0.083	<0.083	<0.12	<0.27	<0.11	<0.927	-
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	-	<0.16	<0.16	<0.16	<0.16	<0.12	<1.2	<0.18	0.215	-
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	-	<0.32	<0.32	<0.32	<0.32	<0.29	<1.71	<0.216	<1.417	-
Xylenes ²	1330-20-7	2,000	400	-	<0.31	<0.31	<0.31	<0.31	<0.29	<0.73	<0.18	<0.580	-
n-Butylbenzene	104-51-8	--	--	-	<0.24	<0.24	<0.24	<0.24	<0.16	<0.71	<0.052	<0.523	-
sec-Butylbenzene	135-98-8	--	--	-	<0.15	<0.15	<0.15	<0.15	<0.15	<0.85	<0.14	0.407	-
tert-Butylbenzene	98-06-6	--	--	-	<0.15	<0.15	<0.15	<0.15	<0.13	<0.30	<0.11	<0.423	-
1,2-Dichloroethane	107-06-2	5	0.5	-	<0.22	<0.22	<0.22	<0.22	<0.25	<0.28	<0.14	<0.273	-
1,1-Dichloroethene	75-35-4	7	0.7	-	<0.16	<0.16	<0.16	<0.16	<0.17	<0.24	<0.12	<0.333	-
cis-1,2-Dichloroethene	156-59-2	70	7	<0.17	<0.15	<0.15	<0.15	<0.15	<0.20	<0.27	<0.16	0.2	<0.47
trans-1,2-Dichloroethene	156-60-5	100	20	-	<0.12	<0.24	<0.24	<0.24	<0.19	<0.46	<0.13	<0.497	<0.53
Isopropylbenzene (cumene)	98-82-8	--	--	-	<0.18	<0.18	<0.18	<0.18	<0.13	<1.7	<0.11	<0.350	-
p-Isopropyltoluene	99-87-6	--	--	-	<0.15	<0.15	<0.15	<0.15	<0.18	<0.80	<0.12	<0.400	-
Methylene Chloride	75-09-2	5	0.5	-	<0.98	<0.98	<0.98	<1.5	<1.1	<0.58	<0.83	<1.43	-
Naphthalene	91-20-3	100	10	-	<0.48	<0.48	<0.48	<1.6	<0.68	<1.2	<0.20	<3.33	-
n-Propylbenzene	103-65-1	--	--	-	<0.10	<0.10	<0.10	<0.10	<0.18	<0.81	<0.090	<0.331	-
Styrene	100-42-5	100	10	-	<0.19	<0.19	<0.19	<0.19	<0.11	<3.0	<0.13	<0.393	-
Tetrachloroethene (PCE)	127-18-4	5	0.5	<i>1.2</i>	<i>0.95</i>	<i>1.2</i>	<i>0.85</i>	<i>0.92</i>	<i>0.67</i>	0.49	<i>0.61</i>	0.398	<0.41
Trichloroethene (TCE)	79-01-6	5	0.5	<0.33	<0.15	<0.15	<0.15	<0.15	<0.15	<0.26	<0.13	<0.633	<0.32
Vinyl chloride	75-01-4	0.2	0.02	-	<0.092	<0.092	<0.092	<0.092	<0.099	<0.17	<0.063	<0.780	<0.17

Notes:
¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers
² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers
 µg/L - Parts Per Billion (ppb)
 < = Concentration Below Laboratory Detection Limit
 - = Not Sampled
 - - = No Standard/Not Applicable
^J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Table 1z
Groundwater Analytical Results
MW7 (Luck Telephone)
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893

Reported/Collected By-->				MSA					REI
Date-->				20-Sep-16	26-Sep-18	11-Dec-18	25-Jun-19	4-Dec-19	2-Nov-23
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)						
Benzene	71-43-2	5	0.5	-	<0.10	<0.10	<0.10	<0.10	-
Ethylbenzene	100-41-4	700	140	-	<0.14	<0.14	<0.14	<0.14	-
Toluene	108-88-3	800	160	-	<0.083	<0.083	<0.083	<0.083	-
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	-	<0.30	<0.16	<0.16	<0.16	-
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	-	<0.32	<0.32	<0.32	<0.32	-
Xylenes ²	1330-20-7	2,000	400	-	<0.31	<0.31	<0.31	<0.31	-
n-Butylbenzene	104-51-8	--	--	-	<0.24	<0.24	<0.24	<0.24	-
sec-Butylbenzene	135-98-8	--	--	-	<0.15	<0.15	<0.15	<0.15	-
tert-Butylbenzene	98-06-6	--	--	-	<0.15	<0.15	<0.15	<0.15	-
1,2-Dichloroethane	107-06-2	5	0.5	-	<0.22	<0.22	<0.22	<0.22	-
1,1-Dichloroethene	75-35-4	7	0.7	-	<0.16	<0.16	<0.16	<0.16	-
cis-1,2-Dichloroethene	156-59-2	70	7	<0.17	<0.15	<0.15	<0.15	<0.15	<0.47
trans-1,2-Dichloroethene	156-60-5	100	20	-	<0.12	<0.24	<0.24	<0.24	<0.53
Isopropylbenzene (cumene)	98-82-8	--	--	-	<0.18	<0.18	<0.18	<0.18	-
p-Isopropyltoluene	99-87-6	--	--	-	<0.15	<0.15	<0.15	<0.15	-
Methylene Chloride	75-09-2	5	0.5	-	<0.98	<0.98	<0.98	<1.5	-
Naphthalene	91-20-3	100	10	-	<0.48	<0.48	<0.48	<0.48	-
n-Propylbenzene	103-65-1	--	--	-	<0.10	<0.10	<0.10	<0.10	-
Styrene	100-42-5	100	10	-	<0.19	<0.19	<0.19	<0.19	-
Tetrachloroethene (PCE)	127-18-4	5	0.5	<0.50	<0.17	<0.17	<0.17	<0.17	<0.41
Trichloroethene (TCE)	79-01-6	5	0.5	<0.33	<0.15	<0.15	<0.15	<0.15	<0.32
Vinyl chloride	75-01-4	0.2	0.02	-	<0.092	<0.092	<0.092	<0.092	<0.17

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

-- = Not Sampled

.. = No Standard/Not Applicable

^J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Table 1aa
Groundwater Analytical Results
MW7-30 (Luck Telephone)
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893

<i>Reported/Collected By--></i>				MSA					REI
<i>Date--></i>				20-Sep-16	26-Sep-18	11-Dec-18	25-Jun-19	4-Dec-19	2-Nov-23
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)						
Benzene	71-43-2	5	0.5	-	<0.10	<0.10	<0.10	<0.10	-
Ethylbenzene	100-41-4	700	140	-	<0.14	<0.14	<0.14	<0.14	-
Toluene	108-88-3	800	160	-	<0.083	<0.083	<0.083	<0.083	-
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	-	<0.30	<0.16	<0.16	<0.16	-
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	-	<0.32	<0.32	<0.32	<0.32	-
Xylenes ²	1330-20-7	2,000	400	-	<0.31	<0.31	<0.31	<0.31	-
n-Butylbenzene	104-51-8	--	--	-	<0.24	<0.24	<0.24	<0.24	-
sec-Butylbenzene	135-98-8	--	--	-	<0.15	<0.15	<0.15	<0.15	-
tert-Butylbenzene	98-06-6	--	--	-	<0.15	<0.15	<0.15	<0.15	-
1,2-Dichloroethane	107-06-2	5	0.5	-	<0.22	<0.22	<0.22	<0.22	-
1,1-Dichloroethene	75-35-4	7	0.7	-	<0.16	<0.16	<0.16	<0.16	-
cis-1,2-Dichloroethene	156-59-2	70	7	<0.17	<0.15	<0.15	<0.15	<0.15	<0.47
trans-1,2-Dichloroethene	156-60-5	100	20	-	<0.12	<0.24	<0.24	<0.24	<0.53
Isopropylbenzene (cumene)	98-82-8	--	--	-	<0.18	<0.18	<0.18	<0.18	-
p-Isopropyltoluene	99-87-6	--	--	-	<0.15	<0.15	<0.15	<0.15	-
Methylene Chloride	75-09-2	5	0.5	-	<0.98	<0.98	<0.98	<1.5	-
Naphthalene	91-20-3	100	10	-	<0.48	<0.48	<0.48	<1.6	-
n-Propylbenzene	103-65-1	--	--	-	<0.10	<0.10	<0.10	<0.10	-
Styrene	100-42-5	100	10	-	<0.19	<0.19	<0.19	<0.19	-
Tetrachloroethene (PCE)	127-18-4	5	0.5	<0.50	<0.17	<0.17	<0.17	<0.17	<0.41
Trichloroethene (TCE)	79-01-6	5	0.5	<0.33	<0.15	<0.15	<0.15	<0.15	<0.32
Vinyl chloride	75-01-4	0.2	0.02	-	<0.092	<0.092	<0.092	<0.092	<0.17

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

- = Not Sampled

-- = No Standard/Not Applicable

^J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Table 1ab
Groundwater Analytical Results
MW7-50 (Luck Telephone)
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893



Reported/Collected By-->				MSA					REI
Date-->				20-Sep-16	26-Sep-18	11-Dec-18	25-Jun-19	4-Dec-19	2-Nov-23
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)						
Benzene	71-43-2	5	0.5	-	<0.10		<0.10		-
Ethylbenzene	100-41-4	700	140	-	<0.14		<0.14		-
Toluene	108-88-3	800	160	-	<0.083		<0.083		-
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	-	0.39		0.24 ^J		-
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	-	<0.32		<0.32		-
Xylenes ²	1330-20-7	2,000	400	-	<0.31		<0.31		-
n-Butylbenzene	104-51-8	--	--	-	<0.24		<0.24		-
sec-Butylbenzene	135-98-8	--	--	-	<0.15		<0.15		-
tert-Butylbenzene	98-06-6	--	--	-	<0.15		<0.15		-
1,2-Dichloroethane	107-06-2	5	0.5	-	0.67	Not Sampled - Unable to Locate	<0.22	Not Sampled - Unable to Locate	-
1,1-Dichloroethene	75-35-4	7	0.7	-	<0.16		<0.16		-
cis-1,2-Dichloroethene	156-59-2	70	7	0.94	<0.15		<0.15		<0.47
trans-1,2-Dichloroethene	156-60-5	100	20	-	<0.24		<0.24		<0.53
Isopropylbenzene (cumene)	98-82-8	--	--	-	<0.18		<0.18		-
p-Isopropyltoluene	99-87-6	--	--	-	<0.15		<0.15		-
Methylene Chloride	75-09-2	5	0.5	-	<0.98		<0.98		-
Naphthalene	91-20-3	100	10	-	<0.48		<0.48		-
n-Propylbenzene	103-65-1	--	--	-	<0.10		<0.10		-
Styrene	100-42-5	100	10	-	<0.19		<0.19		-
Tetrachloroethene (PCE)	127-18-4	5	0.5	<0.50	<0.17	<0.17	<0.41		
Trichloroethene (TCE)	79-01-6	5	0.5	<0.33	<0.15	<0.15	<0.32		
Vinyl chloride	75-01-4	0.2	0.02	-	<0.092	<0.092	<0.17		

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

- = Not Sampled

-- = No Standard/Not Applicable

^J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Table 1ac
Groundwater Analytical Results
MW10 (Luck Telephone)
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893

Reported/Collected By-->				MSA					REI
Date-->				20-Sep-16	26-Sep-18	11-Dec-18	25-Jun-19	4-Dec-19	1-Nov-23
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)						
Benzene	71-43-2	5	0.5	-	<0.10	<0.10	<0.10	<0.10	-
Ethylbenzene	100-41-4	700	140	-	<0.14	<0.14	<0.14	<0.14	-
Toluene	108-88-3	800	160	-	<0.083	<0.083	<0.083	<0.083	-
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	-	<0.16	<0.16	<0.16	<0.16	-
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	-	<0.32	<0.32	<0.32	<0.32	-
Xylenes ²	1330-20-7	2,000	400	-	<0.31	<0.31	<0.31	<0.31	-
n-Butylbenzene	104-51-8	--	--	-	<0.24	<0.24	<0.24	<0.24	-
sec-Butylbenzene	135-98-8	--	--	-	<0.15	<0.15	<0.15	<0.15	-
tert-Butylbenzene	98-06-6	--	--	-	<0.15	<0.15	<0.15	<0.15	-
1,2-Dichloroethane	107-06-2	5	0.5	-	<0.22	<0.22	<0.22	<0.22	-
1,1-Dichloroethene	75-35-4	7	0.7	-	<0.16	<0.16	<0.16	<0.16	-
cis-1,2-Dichloroethene	156-59-2	70	7	<0.17	<0.15	<0.15	<0.15	<0.15	<0.47
trans-1,2-Dichloroethene	156-60-5	100	20	-	<0.12	<0.24	<0.24	<0.24	<0.53
Isopropylbenzene (cumene)	98-82-8	--	--	-	<0.18	<0.18	<0.18	<0.18	-
p-Isopropyltoluene	99-87-6	--	--	-	<0.15	<0.15	<0.15	<0.15	-
Methylene Chloride	75-09-2	5	0.5	-	<0.98	<0.98	<0.98	<1.5	-
Naphthalene	91-20-3	100	10	-	<0.48	<0.48	<0.48	<1.6	-
n-Propylbenzene	103-65-1	--	--	-	<0.10	<0.10	<0.10	<0.10	-
Styrene	100-42-5	100	10	-	<0.19	<0.19	<0.19	<0.19	-
Tetrachloroethene (PCE)	127-18-4	5	0.5	<0.50	<0.17	<0.17	<0.17	<0.17	<0.41
Trichloroethene (TCE)	79-01-6	5	0.5	<0.33	<0.15	<0.15	<0.15	<0.15	<0.32
Vinyl chloride	75-01-4	0.2	0.02	-	<0.092	<0.092	<0.092	<0.092	<0.17

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

- = Not Sampled

-- = No Standard/Not Applicable

^J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Table 1ad
Groundwater Analytical Results
MW10-30 (Luck Telephone)
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893



Reported/Collected By-->				MSA								REI	
Date-->				20-Sep-16	26-Sep-18	11-Dec-18	25-Jun-19	4-Dec-19	1-Dec-20	3-Mar-21	1-Jul-21	24-Sep-21	1-Nov-23
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)										
Benzene	71-43-2	5	0.5	-	<0.10	<0.10	<0.10	<0.10	<0.12	<0.25	<0.12	<0.314	-
Ethylbenzene	100-41-4	700	140	-	<0.14	<0.14	<0.14	<0.14	<0.075	<0.32	<0.069	<0.457	-
Toluene	108-88-3	800	160	-	<0.083	<0.083	<0.083	<0.083	<0.12	<0.27	<0.11	<0.927	-
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	-	<0.16	<0.16	<0.16	<0.16	0.26	<1.2	<0.18	0.159	-
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	-	<0.32	<0.32	<0.32	<0.32	<0.29	<1.71	<0.216	<1.417	-
Xylenes ²	1330-20-7	2,000	400	-	<0.31	<0.31	<0.31	<0.31	<0.29	<0.73	<0.18	<0.580	-
n-Butylbenzene	104-51-8	--	--	-	<0.24	<0.24	<0.24	<0.24	<0.16	<0.71	<0.052	<0.523	-
sec-Butylbenzene	135-98-8	--	--	-	<0.15	<0.15	<0.15	<0.15	<0.15	<0.85	<0.14	<0.417	-
tert-Butylbenzene	98-06-6	--	--	-	<0.15	<0.15	<0.15	<0.15	<0.13	<0.30	<0.11	<0.423	-
1,2-Dichloroethane	107-06-2	5	0.5	-	<0.22	<0.22	0.42 ^J	<0.22	<0.25	<0.28	<0.14	<0.273	-
1,1-Dichloroethene	75-35-4	7	0.7	-	<0.16	<0.16	<0.16	<0.16	<0.17	<0.24	<0.10	<0.333	-
cis-1,2-Dichloroethene	156-59-2	70	7	0.61	<0.15	<0.15	<0.15	<0.15	<0.20	<0.27	0.46	0.64	<0.47
trans-1,2-Dichloroethene	156-60-5	100	20	-	<0.12	<0.24	<0.24	<0.24	<0.19	<0.46	<0.15	<0.497	<0.53
Isopropylbenzene (cumene)	98-82-8	--	--	-	<0.18	<0.18	<0.18	<0.18	<0.13	<1.7	<0.11	<0.350	-
p-Isopropyltoluene	99-87-6	--	--	-	<0.15	<0.15	<0.15	<0.15	<0.18	<0.80	<0.12	<0.400	-
Methylene Chloride	75-09-2	5	0.5	-	<0.98	<0.98	<0.98	<1.5	<1.1	<0.58	<0.83	<1.43	-
Naphthalene	91-20-3	100	10	-	<0.48	<0.48	<0.48	<1.6	<0.68	<1.2	<0.20	<3.33	-
n-Propylbenzene	103-65-1	--	--	-	<0.10	<0.10	<0.10	<0.10	<0.18	<0.81	<0.090	<0.331	-
Styrene	100-42-5	100	10	-	<0.19	<0.19	<0.19	<0.19	<0.11	<3.0	<0.13	<0.393	-
Tetrachloroethene (PCE)	127-18-4	5	0.5	<i>1.5</i>	<i>2.7</i>	<i>3.7</i>	<i>2.6</i>	<i>2.7</i>	<i>2.7</i>	<i>2.2</i>	<i>2.2</i>	<i>3.18</i>	<i>1.3</i>
Trichloroethene (TCE)	79-01-6	5	0.5	0.41	0.36	0.65	0.37	0.21	0.31	0.4	<0.13	0.343	<0.32
Vinyl chloride	75-01-4	0.2	0.02	-	<0.092	<0.092	<0.092	<0.092	<0.099	<0.17	<0.063	<0.780	<0.17

Notes:
¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers
² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers
µg/L - Parts Per Billion (ppb)
< = Concentration Below Laboratory Detection Limit
- = Not Sampled
-- = No Standard/Not Applicable
^J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Table 1ae
Groundwater Analytical Results
MW10-50 (Luck Telephone)
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893

Reported/Collected By-->				MSA								REI	
Date-->				20-Sep-16	26-Sep-18	11-Dec-18	25-Jun-19	4-Dec-19	1-Dec-20	3-Mar-21	1-Jul-21	24-Sep-21	1-Nov-23
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)										
Benzene	71-43-2	5	0.5	-	<0.10	<0.10	<0.10	<0.10	<0.12	<0.25	<0.12	<0.314	-
Ethylbenzene	100-41-4	700	140	-	<0.14	<0.14	<0.14	<0.14	<0.075	<0.32	<0.069	<0.457	-
Toluene	108-88-3	800	160	-	<0.083	<0.083	<0.083	<0.083	<0.12	<0.27	<0.11	<0.927	-
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	-	<0.16	<0.16	<0.16	<0.16	<0.12	<1.2	<0.18	0.115	-
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	-	<0.32	<0.32	<0.32	<0.32	<0.29	<1.71	<0.216	<1.417	-
Xylenes ²	1330-20-7	2,000	400	-	<0.31	<0.31	<0.31	<0.31	<0.29	<0.73	<0.18	<0.580	-
n-Butylbenzene	104-51-8	--	--	-	<0.24	<0.24	<0.24	<0.24	<0.16	<0.71	<0.052	<0.523	-
sec-Butylbenzene	135-98-8	--	--	-	<0.15	<0.15	<0.15	<0.15	<0.15	<0.85	<0.14	<0.417	-
tert-Butylbenzene	98-06-6	--	--	-	<0.15	<0.15	<0.15	<0.15	<0.13	<0.30	<0.11	<0.423	-
1,2-Dichloroethane	107-06-2	5	0.5	-	<i>0.52</i>	<0.22	<0.22	<0.22	<0.25	<0.28	<0.14	<0.273	-
1,1-Dichloroethene	75-35-4	7	0.7	-	<0.16	<0.16	<0.16	<0.16	<0.17	<0.24	<0.14	<0.333	-
cis-1,2-Dichloroethene	156-59-2	70	7	0.94	<0.15	<0.15	<0.15	<0.15	<0.20	<0.27	<0.17	<0.420	<0.47
trans-1,2-Dichloroethene	156-60-5	100	20	-	<0.12	<0.24	<0.24	<0.24	<0.19	<0.46	<0.15	<0.497	<0.53
Isopropylbenzene (cumene)	98-82-8	--	--	-	<0.18	<0.18	<0.18	<0.18	<0.13	<1.7	<0.11	<0.350	-
p-Isopropyltoluene	99-87-6	--	--	-	<0.15	<0.15	<0.15	<0.15	<0.18	<0.80	<0.12	<0.400	-
Methylene Chloride	75-09-2	5	0.5	-	<0.98	<0.98	<0.98	<1.5	<1.1	<0.58	<0.83	<1.43	-
Naphthalene	91-20-3	100	10	-	<0.48	<0.48	<0.48	<1.6	<0.68	<1.2	<0.20	<3.33	-
n-Propylbenzene	103-65-1	--	--	-	<0.10	<0.10	<0.10	<0.10	<0.18	<0.81	<0.090	<0.331	-
Styrene	100-42-5	100	10	-	<0.19	<0.19	<0.19	<0.19	<0.11	<3.0	<0.13	<0.393	-
Tetrachloroethene (PCE)	127-18-4	5	0.5	<i>2.9</i>	<i>3.1</i>	<i>3.9</i>	<i>3.5</i>	<i>3.2</i>	<i>3.2</i>	<i>3.4</i>	<i>3.1</i>	<i>3.54</i>	<0.41
Trichloroethene (TCE)	79-01-6	5	0.5	<0.33	0.4	<i>0.58</i>	0.37	0.34	0.28	0.37	<0.13	0.298	<0.32
Vinyl chloride	75-01-4	0.2	0.02	-	<0.092	<0.092	<0.092	<0.092	<0.099	<0.17	<0.063	<0.780	<0.17

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

- = Not Sampled

-- = No Standard/Not Applicable

¹ = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Table 1af
Groundwater Analytical Results
PZ1
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893

Reported/Collected By-->				MSA										
Date-->				13-Apr-06	17-Aug-06	13-Dec-06	2-May-07	28-Jan-08	23-Apr-08	14-May-08	27-Aug-08	24-Nov-08	14-Jul-09	2-Jun-11
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)											
Benzene	71-43-2	5	0.5	<0.31	<0.31	<1.0	<0.31	<0.5	<0.16	<0.29	<0.29	<0.29	<0.29	<0.29
Ethylbenzene	100-41-4	700	140	1.6	<0.26	<1.0	<0.26	<0.5	<0.16	<0.22	<0.22	<0.22	<0.22	<0.50
Toluene	108-88-3	800	160	<3.2	<0.32	<5.0	<0.32	<5.0	<1.6	<0.27	<0.27	<0.27	<0.27	<0.50
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	<0.32	<0.32	<1.0	<0.32	<1.0	<0.33	<0.19	<0.19	<0.19	<0.19	<0.50
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	10	<0.51	<2.0	<0.51	<2.0	<0.66	<0.62	<0.62	<0.62	<0.62	<0.02
Xylenes ²	1330-20-7	2,000	400	3.4	<0.73	<3.0	<0.73	<1.5	<0.49	<0.86	<0.86	<0.86	<0.86	<0.50
n-Butylbenzene	104-51-8	--	--	0.52	<0.24	<1.0	<0.24	-	-	<0.23	<0.23	<0.23	<0.23	<0.20
sec-Butylbenzene	135-98-8	--	--	<0.28	<0.28	<1.0	<0.28	-	-	<0.22	<0.22	<0.22	<0.22	<0.25
tert-Butylbenzene	98-06-6	--	--	-	-	-	-	-	-	-	-	<0.2	<0.20	<0.20
1,2-Dichloroethane	107-06-2	5	0.5	<0.34	<0.34	<1.0	<0.34	-	-	<0.27	<0.27	<0.27	<0.27	<0.50
1,1-Dichloroethene	75-35-4	7	0.7	<0.44	<0.44	<1.0	<0.44	-	-	<0.50	<0.50	<0.50	<0.50	<0.50
cis-1,2-Dichloroethene	156-59-2	70	7	0.96	<0.44	<1.0	<0.44	-	-	<0.38	<0.38	<0.38	<0.38	<0.50
trans-1,2-Dichloroethene	156-60-5	100	20	<0.33	<1.0	<0.33	<0.33	-	-	<0.30	<0.30	<0.30	<0.30	<0.50
Isopropylbenzene (cumene)	98-82-8	--	--	0.74	<0.31	<1.0	<0.31	-	-	<0.19	<0.19	<0.19	<0.19	<0.20
p-Isopropyltoluene	99-87-6	--	--	0.79	<0.29	<1.0	<0.29	-	-	<0.21	<0.21	<0.21	<0.21	<0.20
Methylene Chloride	75-09-2	5	0.5	-	-	-	-	-	2.3	<0.30	0.4	<0.30	<1.0	<1.0
Naphthalene	91-20-3	100	10	18	<0.27	<5.0	<0.27	<5.0	<1.6	<0.17	<0.17	<0.17	<0.17	<0.25
n-Propylbenzene	103-65-1	--	--	1.1	<0.31	<1.0	<0.31	-	-	<0.22	<0.22	<0.22	<0.22	<0.50
Styrene	100-42-5	100	10	<0.27	<0.27	<1.0	<0.27	-	-	<0.38	<0.38	<0.38	<0.38	<0.50
Tetrachloroethene (PCE)	127-18-4	5	0.5	3.3	<0.43	<1.0	<0.43	-	-	<0.29	0.32	<0.29	<0.29	<0.50
Trichloroethene (TCE)	79-01-6	5	0.5	<0.26	<0.26	<1.0	<0.26	-	-	<0.37	<0.37	<0.37	<0.37	<0.20
Vinyl chloride	75-01-4	0.2	0.02	<0.31	<0.32	<1.0	<0.31	-	-	<0.27	<0.27	<0.27	<0.27	<0.20

Reported/Collected By-->				MSA								
Date-->				18-Nov-11	13-Feb-12	15-May-12	28-Aug-12	7-Jan-13	31-Jul-13	27-May-14	16-Jul-15	28-Jun-16
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)									
Benzene	71-43-2	5	0.5	<0.20	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<0.21	<0.042
Ethylbenzene	100-41-4	700	140	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	0.52	<0.075
Toluene	108-88-3	800	160	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	0.63	<0.059
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<0.047
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	<0.02	<0.02	<1.0	<1.0	<1.0	<2.0	<2.0	3.3	1.3
Xylenes ²	1330-20-7	2,000	400	<0.50	<0.50	<1.0	<1.0	<1.0	<3.0	<3.0	2.4	<0.15
n-Butylbenzene	104-51-8	--	--	<0.20	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	0.12	<0.16
sec-Butylbenzene	135-98-8	--	--	<0.25	<0.25	<1.0	<1.0	<1.0	<1.0	<1.0	<0.16	<0.094
tert-Butylbenzene	98-06-6	--	--	<0.20	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<0.18	<0.051
1,2-Dichloroethane	107-06-2	5	0.5	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<0.17	<0.072
1,1-Dichloroethene	75-35-4	7	0.7	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<0.22	<0.069
cis-1,2-Dichloroethene	156-59-2	70	7	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<0.25	<0.12
trans-1,2-Dichloroethene	156-60-5	100	20	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<0.21	<0.15
Isopropylbenzene (cumene)	98-82-8	--	--	<0.20	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<0.17	<0.064
p-Isopropyltoluene	99-87-6	--	--	<0.20	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<0.16	<0.064
Methylene Chloride	75-09-2	5	0.5	<1.0	<1.0	<4.0	<4.0	<4.0	<4.0	<4.0	<0.56	<0.097
Naphthalene	91-20-3	100	10	<0.25	<0.25	<1.0	<1.0	<1.0	<4.0	<4.0	0.24	<0.064
n-Propylbenzene	103-65-1	--	--	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<0.21	<0.049
Styrene	100-42-5	100	10	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<0.11	<0.056
Tetrachloroethene (PCE)	127-18-4	5	0.5	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<0.19	<0.13
Trichloroethene (TCE)	79-01-6	5	0.5	<0.20	<0.20	<1.0	<1.0	<1.0	<0.40	<0.40	<0.14	<0.051
Vinyl chloride	75-01-4	0.2	0.02	<0.20	<0.20	<0.40	<0.40	<0.40	<0.40	<0.40	<0.15	<0.084

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

-- = No Standard/Not Applicable

- = Not Sampled

J = Estimated concentration at or above the Limit of Detection (LoD) and below the Limit of Quantitation (LoQ)

Bold = Exceeds NR140.10 Enforcement Standard

Italic = Exceeds NR140.10 Preventive Action Limit

Table 1ag
Groundwater Analytical Results
PZ6
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893

Reported/Collected By-->				MSA												REI	
Date-->				15-May-08	27-Aug-08	24-Nov-08	14-Jul-09	2-Jun-11	15-May-12	28-Aug-12	7-Jan-13	31-Jul-13	27-May-14	16-Jul-15	28-Jun-16	4-Dec-19	2-Nov-23
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)														
Benzene	71-43-2	5	0.5	<0.29	<0.29	<0.29	<0.29	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<0.21	<0.042	<0.10	-
Ethylbenzene	100-41-4	700	140	<0.22	<0.22	<0.22	<0.22	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<0.23	<0.075	<0.14	-
Toluene	108-88-3	800	160	<0.27	<0.27	<0.27	<0.27	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<0.13	<0.059	<0.083	-
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	0.44	<0.19	<0.19	<0.19	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<0.047	<0.16	-
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	<0.62	<0.62	<0.62	<0.62	<0.02	<1.0	<1.0	<1.0	<2.0	<2.0	<0.16	<0.11	<0.32	-
Xylenes ²	1330-20-7	2,000	400	<0.86	<0.86	<0.86	<0.86	<0.50	<1.0	<1.0	<1.0	<3.0	<3.0	<0.60	<0.15	<0.31	-
n-Butylbenzene	104-51-8	--	--	<0.23	<0.23	<0.23	<0.23	<0.23	<1.0	<1.0	<1.0	<1.0	<1.0	<0.083	<0.16	<0.24	-
sec-Butylbenzene	135-98-8	--	--	<0.22	<0.22	<0.22	<0.22	<0.25	<1.0	<1.0	<1.0	<1.0	<1.0	<0.16	<0.094	<0.15	-
tert-Butylbenzene	98-06-6	--	--	-	-	<0.20	<0.20	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<0.18	<0.051	<0.15	-
1,2-Dichloroethane	107-06-2	5	0.5	<0.27	<0.27	<0.27	<0.27	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<0.17	<0.072	0.25 ^J	-
1,1-Dichloroethene	75-35-4	7	0.7	<0.5	<0.5	<0.5	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<0.22	<0.069	<0.16	-
cis-1,2-Dichloroethene	156-59-2	70	7	<0.38	<0.38	<0.38	<0.38	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<0.25	<0.12	<0.15	<0.47
trans-1,2-Dichloroethene	156-60-5	100	20	<0.30	<0.30	<0.30	<0.30	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<0.21	<0.15	<0.24	<0.53
Isopropylbenzene (cumene)	98-82-8	--	--	<0.19	<0.19	<0.19	<0.19	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<0.17	<0.064	<0.18	-
p-Isopropyltoluene	99-87-6	--	--	<0.21	<0.21	<0.21	<0.21	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<0.16	<0.064	<0.15	-
Methylene Chloride	75-09-2	5	0.5	2.4	<0.30	0.42	<0.30	<1.0	<4.0	<4.0	<4.0	<4.0	<4.0	<0.56	<0.097	<1.5	-
Naphthalene	91-20-3	100	10	<0.17	<0.17	<0.17	<0.17	<0.25	<1.0	<1.0	<1.0	<4.0	<4.0	<0.14	<0.064	<1.6	-
n-Propylbenzene	103-65-1	--	--	<0.22	<0.22	<0.22	<0.22	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<0.21	<0.049	<0.10	-
Styrene	100-42-5	100	10	<0.38	<0.38	<0.38	<0.38	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<0.11	<0.056	<0.19	-
Tetrachloroethene (PCE)	127-18-4	5	0.5	0.59	<0.29	<0.29	<0.29	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<0.19	<0.13	<0.17	<0.41
Trichloroethene (TCE)	79-01-6	5	0.5	<0.37	<0.37	<0.37	<0.37	<0.20	<1.0	<1.0	<1.0	<0.40	<0.40	<0.14	<0.051	<0.15	<0.32
Vinyl chloride	75-01-4	0.2	0.02	<0.27	<0.27	<0.27	<0.27	<0.20	<0.40	<0.40	<0.40	<0.40	<0.40	<0.15	<0.084	<0.31	<0.17

- Notes:**
¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers
² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers
µg/L - Parts Per Billion (ppb)
< = Concentration Below Laboratory Detection Limit
-- = Not Sampled
-- = No Standard/Not Applicable
^J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Table 1ah
Groundwater Analytical Results
PZ7
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893

Reported/Collected By-->				MSA													REI		
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)	Date-->													2-Nov-23		
				15-May-08	27-Aug-08	24-Nov-08	14-Jul-09	2-Jun-11	18-Nov-11	13-Feb-12	15-May-12	28-Aug-12	7-Jan-13	31-Jul-13	27-May-14	16-Jul-15		25-Jun-19	4-Dec-19
Benzene	71-43-2	5	0.5	<0.29	<0.29	<0.29	<0.29	<0.20	<0.20	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<0.21	0.23 ¹	0.27 ¹	-
Ethylbenzene	100-41-4	700	140	<0.22	<0.22	<0.22	<0.22	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<0.23	<0.14	0.15 ¹	-
Toluene	108-88-3	800	160	<0.27	<0.27	<0.27	<0.27	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<0.13	<0.083	<0.083	-
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	<0.19	<0.19	<0.19	<0.19	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<0.16	<0.16	-
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	<0.62	<0.62	<0.62	<0.62	<0.20	<0.20	<0.20	<1.0	<1.0	<1.0	<2.0	<2.0	<0.16	<0.32	<0.32	-
Xylenes ²	1330-20-7	2,000	400	<0.86	<0.86	<0.86	<0.86	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<3.0	<3.0	<0.60	<0.31	<0.31	-
n-Butylbenzene	104-51-8	--	--	<0.23	<0.23	<0.23	<0.23	<0.23	<0.20	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<0.083	<0.24	<0.24	-
sec-Butylbenzene	135-98-8	--	--	<0.22	<0.22	<0.22	<0.22	<0.25	<0.25	<0.25	<1.0	<1.0	<1.0	<1.0	<1.0	<0.16	<0.15	<0.15	-
tert-Butylbenzene	98-06-6	--	--	-	-	<0.20	<0.20	<0.20	<0.20	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<0.18	<0.15	<0.15	-
1,2-Dichloroethane	107-06-2	5	0.5	<0.31	<0.27	<0.27	<0.27	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<0.17	<0.22	<0.22	-
1,1-Dichloroethene	75-35-4	7	0.7	<0.31	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<0.22	<0.16	<0.16	-
cis-1,2-Dichloroethene	156-59-2	70	7	<0.38	<0.38	<0.38	<0.38	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	0.26	12	8.2	<0.47
trans-1,2-Dichloroethene	156-60-5	100	20	<0.30	<0.30	<0.30	<0.30	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<0.21	<0.24	<0.24	<0.53
Isopropylbenzene (cumene)	98-82-8	--	--	<0.19	<0.19	<0.19	<0.19	<0.20	<0.20	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<0.17	0.60 ¹	0.21 ¹	-
p-Isopropyltoluene	99-87-6	--	--	<0.21	<0.21	<0.21	<0.21	<0.20	<0.20	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<0.16	<0.15	<0.15	-
Methylene Chloride	75-09-2	5	0.5	2.3	<0.30	0.51	<0.30	<1.0	<1.0	<1.0	<4.0	<4.0	<4.0	<4.0	<4.0	<0.56	<0.98	<1.5	-
Naphthalene	91-20-3	100	10	<0.17	<0.17	<0.17	<0.17	<0.25	<0.25	<0.25	<1.0	<1.0	<1.0	<4.0	<4.0	<0.14	<0.48	<1.6	-
n-Propylbenzene	103-65-1	--	--	<0.22	<0.22	<0.22	<0.22	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<0.21	<0.10	0.11 ¹	-
Styrene	100-42-5	100	10	<0.38	<0.38	<0.38	<0.38	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<0.11	<0.19	<0.19	-
Tetrachloroethene (PCE)	127-18-4	5	0.5	1.4	2.2	2.2	1.8	<0.50	0.71	0.71	<1.0	<1.0	<1.0	<1.0	<1.0	0.38	3.4	2.4	<0.41
Trichloroethene (TCE)	79-01-6	5	0.5	<0.37	<0.37	<0.37	<0.37	<0.20	<0.20	<0.20	<1.0	<1.0	<1.0	<1.0	<0.40	<0.14	0.85	0.50 ¹	<0.32
Vinyl chloride	75-01-4	0.2	0.02	<0.27	<0.27	<0.27	<0.27	<0.20	<0.20	<0.20	<0.40	<0.40	<0.40	<0.40	<0.40	<0.15	<0.092	<0.092	<0.17

Notes:
¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers
² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers
 µg/L - Parts Per Billion (ppb)
 < = Concentration Below Laboratory Detection Limit
 - = Not Sampled
 -- = No Standard/Not Applicable
¹ = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Table 1a1
Groundwater Analytical Results
PZ8
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893

Reported/Collected By-->				MSA									REI
Date-->				15-May-08	27-Aug-08	24-Nov-08	14-Jul-09	2-Jun-11	31-Jul-13	27-May-14	16-Jul-15	4-Dec-19	2-Nov-23
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)										
Benzene	71-43-2	5	0.5	<0.29	<0.29	<0.29	<0.29	<0.20	<1.0	<1.0	<0.21	<0.10	-
Ethylbenzene	100-41-4	700	140	<0.22	<0.22	<0.22	<0.22	<0.50	<1.0	<1.0	<0.23	<0.14	-
Toluene	108-88-3	800	160	<0.27	<0.27	<0.27	<0.27	<0.50	<1.0	<1.0	<0.13	<0.083	-
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	<0.19	<0.19	<0.19	<0.19	<0.50	<1.0	<1.0	<0.20	<0.16	-
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	<0.62	<0.62	<0.62	<0.62	<0.02	<2.0	<2.0	<0.16	<0.32	-
Xylenes ²	1330-20-7	2,000	400	<0.86	<0.86	<0.86	<0.86	<0.50	<3.0	<3.0	<0.60	<0.31	-
n-Butylbenzene	104-51-8	--	--	<0.23	<0.23	<0.23	<0.23	<0.23	<1.0	<1.0	<0.083	<0.24	-
sec-Butylbenzene	135-98-8	--	--	<0.22	<0.22	<0.22	<0.22	<0.25	<1.0	<1.0	<0.16	<0.15	-
tert-Butylbenzene	98-06-6	--	--	-	-	<0.2	<0.20	<0.20	<1.0	<1.0	<0.16	<0.15	-
1,2-Dichloroethane	107-06-2	5	0.5	<0.27	<0.27	<0.27	<0.27	<0.50	<1.0	<1.0	<0.17	<0.22	-
1,1-Dichloroethene	75-35-4	7	0.7	<0.31	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<0.22	<0.16	-
cis-1,2-Dichloroethene	156-59-2	70	7	<0.38	<0.38	<0.38	<0.38	<0.50	<1.0	<1.0	<0.25	<0.15	<0.47
trans-1,2-Dichloroethene	156-60-5	100	20	<0.30	<0.30	<0.30	<0.30	<0.50	<1.0	<1.0	<0.21	<0.24	<0.53
Isopropylbenzene (cumene)	98-82-8	--	--	<0.19	<0.19	<0.19	<0.19	<0.20	<1.0	<1.0	<0.17	<0.18	-
p-Isopropyltoluene	99-87-6	--	--	<0.21	<0.21	<0.21	<0.21	<0.20	<1.0	<1.0	<0.16	<0.15	-
Methylene Chloride	75-09-2	5	0.5	2.3	<0.30	0.5	<0.30	<1.0	<4.0	<4.0	23.3	<1.5	-
Naphthalene	91-20-3	100	10	<0.17	<0.17	<0.17	<0.17	<0.25	<4.0	<4.0	<0.14	<1.6	-
n-Propylbenzene	103-65-1	--	--	<0.22	<0.22	<0.22	<0.22	<0.50	<1.0	<1.0	<0.21	<0.10	-
Styrene	100-42-5	100	10	<0.38	<0.38	<0.38	<0.38	<0.50	<1.0	<1.0	<0.11	<0.19	-
Tetrachloroethene (PCE)	127-18-4	5	0.5	<0.29	<0.29	<0.29	<0.29	<0.50	<1.0	<1.0	<0.19	<0.17	<0.41
Trichloroethene (TCE)	79-01-6	5	0.5	<0.37	<0.37	<0.37	<0.37	<0.20	<0.40	<0.40	<0.14	<0.15	<0.32
Vinyl chloride	75-01-4	0.2	0.02	<0.27	<0.27	<0.27	<0.27	<0.20	<0.40	<0.40	<0.15	<0.092	<0.17

Notes:
¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers
² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers
 µg/L - Parts Per Billion (ppb)
 < = Concentration Below Laboratory Detection Limit
 - = Not Sampled
 -- = No Standard/Not Applicable
 J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Table 1aj
Groundwater Analytical Results
PZ9
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893



<i>Reported/Collected By--></i>				MSA							REI
<i>Date--></i>				23-Apr-09	14-Jul-09	2-Jun-11	31-Jul-13	27-May-14	16-Jul-15	4-Dec-19	2-Nov-23
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)								
Benzene	71-43-2	5	0.5	<0.29	<0.29	<0.20	<1.0	<1.0	<0.21	<0.10	-
Ethylbenzene	100-41-4	700	140	<0.22	<0.22	<0.50	<1.0	<1.0	<0.23	<0.14	-
Toluene	108-88-3	800	160	<0.27	<0.27	<0.50	<1.0	<1.0	<0.13	<0.083	-
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	<0.19	<0.19	<0.50	<1.0	<1.0	<0.20	<0.16	-
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	<0.62	<0.62	<0.02	<2.0	<2.0	<0.16	<0.32	-
Xylenes ²	1330-20-7	2,000	400	<0.86	<0.86	<0.50	<3.0	<3.0	<0.60	<0.31	-
n-Butylbenzene	104-51-8	--	--	<0.23	<0.23	<0.20	<1.0	<1.0	<0.083	<0.24	-
sec-Butylbenzene	135-98-8	--	--	<0.22	<0.22	<0.25	<1.0	<1.0	<0.16	<0.15	-
tert-Butylbenzene	98-06-6	--	--	<0.20	<0.20	<0.20	<1.0	<1.0	<0.18	<0.15	-
1,2-Dichloroethane	107-06-2	5	0.5	<0.27	<0.27	<0.50	<1.0	<1.0	<0.17	<0.22	-
1,1-Dichloroethene	75-35-4	7	0.7	<0.50	<0.50	<0.50	<1.0	<1.0	<0.22	<0.16	-
cis-1,2-Dichloroethene	156-59-2	70	7	<0.38	<0.38	<0.50	<1.0	<1.0	<0.25	<0.15	<0.47
trans-1,2-Dichloroethene	156-60-5	100	20	<0.30	<0.30	<0.50	<1.0	<1.0	<0.21	<0.24	<0.53
Isopropylbenzene (cumene)	98-82-8	--	--	<0.19	<0.19	<0.20	<1.0	<1.0	<0.17	<0.18	-
p-Isopropyltoluene	99-87-6	--	--	<0.21	<0.21	<0.20	<1.0	<1.0	<0.16	<0.15	-
Methylene Chloride	75-09-2	5	0.5	<0.30	<0.30	<1.0	<4.0	<4.0	<0.56	<1.5	-
Naphthalene	91-20-3	100	10	0.28	<0.17	<0.25	<4.0	<4.0	<0.14	<1.6	-
n-Propylbenzene	103-65-1	--	--	<0.22	<0.22	<0.50	<1.0	<1.0	<0.21	<0.10	-
Styrene	100-42-5	100	10	<0.38	<0.38	<0.50	<1.0	<1.0	<0.11	<0.19	-
Tetrachloroethene (PCE)	127-18-4	5	0.5	<0.29	<0.29	<0.50	<1.0	<1.0	<0.19	<0.17	<0.41
Trichloroethene (TCE)	79-01-6	5	0.5	<0.37	<0.37	<0.20	<0.40	<0.40	<0.14	<0.15	<0.32
Vinyl chloride	75-01-4	0.2	0.02	<0.27	<0.27	<0.20	<0.40	<0.40	<0.15	<0.092	<0.17

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

-- = Not Sampled

-- = No Standard/Not Applicable

¹ = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Table 1ak
Groundwater Analytical Results
MW2A (Equity)
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893

Reported/Collected By-->				Cooper/Tetra Tech					MSA				
Date-->				May-05	Aug-05	Nov-05	Feb-06	May-06	13-Apr-06	17-Aug-06	13-Dec-06	2-May-07	
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)										
Benzene	71-43-2	5	0.5	-	<0.3	<0.3	<0.3	<0.3	-	-	<1.0	<0.31	Well Abandoned
Ethylbenzene	100-41-4	700	140	-	<0.5	<0.5	<0.5	<0.5	-	-	<1.0	<0.26	
Toluene	108-88-3	800	160	-	<0.3	<0.3	<0.3	<0.3	-	-	<5.0	<0.32	
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	-	<0.3	<0.3	<0.3	<0.3	-	-	<1.0	<0.32	
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	-	<0.3	<0.3	<0.3	<0.3	-	-	<2.0	<0.51	
Xylenes ²	1330-20-7	2,000	400	-	<0.3	<0.3	<0.3	<0.3	-	-	<3.0	<0.73	
n-Butylbenzene	104-51-8	--	--	-	-	-	-	-	-	-	<1.0	<0.24	
sec-Butylbenzene	135-98-8	--	--	-	-	-	-	-	-	-	<1.0	<0.28	
tert-Butylbenzene	98-06-6	--	--	-	-	-	-	-	-	-	-	-	
1,2-Dichloroethane	107-06-2	5	0.5	-	-	-	-	-	-	-	<1.0	<0.34	
1,1-Dichloroethene	75-35-4	7	0.7	<i>25</i>	-	-	-	-	-	-	<1.0	<0.44	
cis-1,2-Dichloroethene	156-59-2	70	7	<i>2.17</i>	-	<i>4.88</i>	<i>7.03</i>	<i>2.53</i>	-	-	<i>7.5</i>	<0.44	
trans-1,2-Dichloroethene	156-60-5	100	20	-	-	<0.4	<0.3	<0.3	-	-	<1.0	<0.33	
Isopropylbenzene (cumene)	98-82-8	--	--	-	-	-	-	-	-	-	<1.0	<0.31	
p-Isopropyltoluene	99-87-6	--	--	-	-	-	-	-	-	-	<1.0	<0.29	
Methylene Chloride	75-09-2	5	0.5	-	-	-	-	-	-	-	-	-	
Naphthalene	91-20-3	100	10	-	-	-	-	-	-	-	<5.0	<0.27	
n-Propylbenzene	103-65-1	--	--	-	-	-	-	-	-	-	<1.0	<0.31	
Styrene	100-42-5	100	10	-	-	-	-	-	-	-	<1.0	<0.27	
Tetrachloroethene (PCE)	127-18-4	5	0.5	156	-	107	76.7	38.4	-	-	63	20	
Trichloroethene (TCE)	79-01-6	5	0.5	12.2	-	<i>4.79</i>	5.86	<i>2.64</i>	-	-	7.7	<i>1.8</i>	
Vinyl chloride	75-01-4	0.2	0.02	-	-	-	-	-	-	-	<1.0	<0.31	

Notes:
¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers
² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers
µg/L - Parts Per Billion (ppb)
< = Concentration Below Laboratory Detection Limit
- = Not Sampled
-- = No Standard/Not Applicable
^J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Table 1a1
Groundwater Analytical Results
MW3A (Equity)
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893

Reported/Collected By-->				Cooper/Tetra Tech					MSA				
Date-->				May-05	Aug-05	Nov-05	Feb-06	May-06	13-Apr-06	17-Aug-06	13-Dec-06	2-May-07	
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)										
Benzene	71-43-2	5	0.5	12	<i>0.687</i>	<0.3	<i>3.1</i>	<i>1.47</i>	-	-	<1.0	<0.31	Well Abandoned
Ethylbenzene	100-41-4	700	140	31.6	7.04	5.59	6.61	4.06	-	-	4.4	2.3	
Toluene	108-88-3	800	160	-	<i>1.7</i>	<0.3	<0.3	<0.3	-	-	<5.0	<0.32	
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	-	<0.3	<0.3	<0.3	<0.3	-	-	<1.0	<0.32	
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	623	88.6	46.7	53.6	29.31	-	-	58	65	
Xylenes ²	1330-20-7	2,000	400	133.01	27.94	24.32	26.72	16.72	-	-	18.3	11	
n-Butylbenzene	104-51-8	--	--	-	NA	23.5	16.2	7.04	-	-	4.2	3.4	
sec-Butylbenzene	135-98-8	--	--	26	NA	3.65	7.04	3.56	-	-	2.1	<0.28	
tert-Butylbenzene	98-06-6	--	--	-	-	-	-	-	-	-	-	-	
1,2-Dichloroethane	107-06-2	5	0.5	-	-	-	-	-	-	-	<1.0	<0.34	
1,1-Dichloroethene	75-35-4	7	0.7	-	-	-	-	-	-	-	<1.0	<0.44	
cis-1,2-Dichloroethene	156-59-2	70	7	-	-	-	-	-	-	-	<1.0	<0.44	
trans-1,2-Dichloroethene	156-60-5	100	20	-	-	-	-	-	-	-	<1.0	<0.33	
Isopropylbenzene (cumene)	98-82-8	--	--	-	-	-	-	-	-	-	5.5	3.6	
p-Isopropyltoluene	99-87-6	--	--	-	-	-	-	-	-	-	1.2	<0.29	
Methylene Chloride	75-09-2	5	0.5	-	-	-	-	-	-	-	-	-	
Naphthalene	91-20-3	100	10	56.8	NA	6.57	6.99	5.92	-	-	8.4	5.6	
n-Propylbenzene	103-65-1	--	--	89.3	NA	17.5	19.66	12.2	-	-	17	14	
Styrene	100-42-5	100	10	-	-	-	-	-	-	-	<1.0	<0.27	
Tetrachloroethene (PCE)	127-18-4	5	0.5	-	-	-	-	-	-	-	<1.0	<0.43	
Trichloroethene (TCE)	79-01-6	5	0.5	-	-	-	-	-	-	-	<1.0	<0.26	
Vinyl chloride	75-01-4	0.2	0.02	-	-	-	-	-	-	-	<1.0	<0.31	

Notes:
¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers
² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers
 µg/L - Parts Per Billion (ppb)
 < = Concentration Below Laboratory Detection Limit
 - = Not Sampled
 -- = No Standard/Not Applicable
¹ = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
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Table 1am
Groundwater Analytical Results
MW4A (Equity)
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893

Reported/Collected By-->				Cooper/Tetra Tech					MSA				
Date-->				May-05	Aug-05	Nov-05	Feb-06	May-06	13-Apr-06	17-Aug-06	13-Dec-06	2-May-07	
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)										
Benzene	71-43-2	5	0.5	2.4	7.02	23	-	<0.3	-	-	24	3.6	Well Abandoned
Ethylbenzene	100-41-4	700	140	0.762	15.2	43.1	-	2.81	-	-	47	36	
Toluene	108-88-3	800	160	0.461	1.99	1.85	-	<0.3	-	-	<5.0	2.1	
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	-	<0.3	<0.3	-	<0.3	-	-	<1.0	<0.32	
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	5.59	17.84	24.74	-	<0.4	-	-	5.2	45.8	
Xylenes ²	1330-20-7	2,000	400	1.98	12.81	13.43	-	2.25	-	-	9.1	38	
n-Butylbenzene	104-51-8	--	--	4.9	-	19.3	-	-	-	-	7.7	6.8	
sec-Butylbenzene	135-98-8	--	--	3.4	-	3.45	-	<0.4	-	-	4.4	1.0	
tert-Butylbenzene	98-06-6	--	--	-	-	-	-	-	-	-	-	-	
1,2-Dichloroethane	107-06-2	5	0.5	-	-	-	-	-	-	-	<1.0	<0.34	
1,1-Dichloroethene	75-35-4	7	0.7	-	-	-	-	-	-	-	<1.0	<0.44	
cis-1,2-Dichloroethene	156-59-2	70	7	<i>9.14</i>	-	1.11	-	<0.4	-	-	<1.0	<0.44	
trans-1,2-Dichloroethene	156-60-5	100	20	-	-	-	-	-	-	-	<1.0	<0.33	
Isopropylbenzene (cumene)	98-82-8	--	--	-	-	-	-	-	-	-	22	5.6	
p-Isopropyltoluene	99-87-6	--	--	-	-	-	-	-	-	-	1.4	0.81	
Methylene Chloride	75-09-2	5	0.5	-	-	-	-	-	-	-	-	-	
Naphthalene	91-20-3	100	10	1.26	-	10.6	-	<0.8	-	-	12	8.3	
n-Propylbenzene	103-65-1	--	--	1.37	-	23.4	-	<0.3	-	-	39	18	
Styrene	100-42-5	100	10	-	-	-	-	-	-	-	<1.0	<0.27	
Tetrachloroethene (PCE)	127-18-4	5	0.5	90.9	-	35.4	-	<0.5	-	-	13	<0.43	
Trichloroethene (TCE)	79-01-6	5	0.5	6.98	-	5.18	-	1.61	-	-	6.9	<0.26	
Vinyl chloride	75-01-4	0.2	0.02	-	-	-	-	-	-	-	<1.0	<0.31	

- Notes:**
- ¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers
 - ² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers
 - µg/L - Parts Per Billion (ppb)
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 - ^J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

**Table 1a
Groundwater Analytical Results
MW5 (Equity)
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893**

Reported/Collected By-->				Cooper/Tetra Tech					MSA						
Date-->				May-05	Aug-05	Nov-05	Feb-06	May-06	13-Apr-06	17-Aug-06	13-Dec-06	2-May-07	23-Apr-09	14-Jul-09	31-Jul-13
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)												
Benzene	71-43-2	5	0.5	<i>0.862</i>	<i>1.63</i>	<i>3.45</i>	<0.3	<i>1.57</i>	-	-	-	-	<i>0.51</i>	<0.29	<i>2.1</i>
Ethylbenzene	100-41-4	700	140	-	<0.3	0.54	<0.5	<0.5	-	-	-	-	14	2.4	<1.0
Toluene	108-88-3	800	160	-	<0.3	<0.3	<0.3	<0.3	-	-	-	-	3.1	1.8	<1.0
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	-	<0.3	<0.3	<0.3	<0.3	-	-	-	-	<0.19	<0.19	<1.0
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	-	<0.3	<0.4	<0.4	<0.4	-	-	-	-	8	6.48	<2.0
Xylenes ²	1330-20-7	2,000	400	-	<0.3	0.48	<0.3	<0.3	-	-	-	-	6.5	7.6	<3.0
n-Butylbenzene	104-51-8	--	--	-	-	-	-	-	-	-	-	-	0.5	0.46	<1.0
sec-Butylbenzene	135-98-8	--	--	-	-	-	-	-	-	-	-	-	0.34	0.31	<1.0
tert-Butylbenzene	98-06-6	--	--	-	-	-	-	-	-	-	-	-	<0.20	<0.20	<1.0
1,2-Dichloroethane	107-06-2	5	0.5	-	-	-	-	-	-	-	-	-	<0.27	<0.27	<1.0
1,1-Dichloroethene	75-35-4	7	0.7	-	-	-	-	-	-	-	-	-	<0.50	<0.50	<1.0
cis-1,2-Dichloroethene	156-59-2	70	7	-	-	-	-	-	-	-	-	-	<0.38	<0.38	<1.0
trans-1,2-Dichloroethene	156-60-5	100	20	-	-	-	-	-	-	-	-	-	<0.30	<0.30	<1.0
Isopropylbenzene (cumene)	98-82-8	--	--	-	-	-	-	-	-	-	-	-	1.3	1.1	<1.0
p-Isopropyltoluene	99-87-6	--	--	-	-	-	-	-	-	-	-	-	<0.21	<0.21	<1.0
Methylene Chloride	75-09-2	5	0.5	-	-	-	-	-	-	-	-	-	<0.30	<0.30	<4.0
Naphthalene	91-20-3	100	10	-	-	-	-	-	-	-	-	-	4	2	<4.0
n-Propylbenzene	103-65-1	--	--	-	-	-	-	-	-	-	-	-	2.3	0.4	<1.0
Styrene	100-42-5	100	10	-	-	-	-	-	-	-	-	-	<0.38	<0.38	<1.0
Tetrachloroethene (PCE)	127-18-4	5	0.5	<i>0.679</i>	-	18.5	9.88	5.15	-	-	-	-	<i>4.5</i>	7.2	9.7
Trichloroethene (TCE)	79-01-6	5	0.5	-	-	<i>1.98</i>	<0.5	<i>0.7</i>	-	-	-	-	<0.37	<0.37	<0.40
Vinyl chloride	75-01-4	0.2	0.02	-	-	-	-	-	-	-	-	-	<0.27	<0.27	<0.40

Reported/Collected By-->				MSA											REI
Date-->				28-Oct-13	27-May-14	11-Aug-14	16-Jul-15	22-Oct-15	28-Jun-16	13-Sep-16	12-Dec-16	15-Mar-17	25-Jun-19	4-Dec-19	2-Nov-23
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)												
Benzene	71-43-2	5	0.5	10.9	<1.0	<1.0	<0.21	<0.50	<0.042	<0.16	<0.16	<0.16	10	35.1	-
Ethylbenzene	100-41-4	700	140	<1.0	<1.0	<1.0	<0.23	<0.50	<0.075	<0.15	<0.15	<0.15	0.52	17.4	-
Toluene	108-88-3	800	160	<1.0	<1.0	<1.0	<0.13	<0.50	<0.059	<0.14	<0.14	0.17	0.3	14.1	-
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	<1.0	<1.0	<1.0	<0.20	<0.17	<0.047	<0.15	<0.15	<0.15	<0.16	<0.16	-
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	<2.0	<2.0	<2.0	<0.16	<0.50	<0.11	<0.45	<0.45	<0.45	<0.32	18.48	-
Xylenes ²	1330-20-7	2,000	400	<3.0	<3.0	<3.0	<0.60	<0.50	<0.15	<0.32	<0.32	<0.32	<0.31	22.5	-
n-Butylbenzene	104-51-8	--	--	<1.0	<1.0	<1.0	<0.083	<0.50	<0.16	<0.16	<0.16	<0.16	1.4	2.6	-
sec-Butylbenzene	135-98-8	--	--	<1.0	<1.0	<1.0	<0.16	<2.2	<0.094	<0.19	<0.19	<0.19	0.83	1.6	-
tert-Butylbenzene	98-06-6	--	--	<1.0	<1.0	<1.0	<0.18	<0.18	<0.051	<0.22	<0.22	<0.22	<0.15	<0.15	-
1,2-Dichloroethane	107-06-2	5	0.5	<1.0	<1.0	<1.0	<0.17	<0.17	<0.072	<0.17	<0.17	<0.17	<0.22	<0.22	-
1,1-Dichloroethene	75-35-4	7	0.7	<1.0	<1.0	<1.0	<0.22	<0.41	<0.069	<0.28	<0.28	<0.28	<0.16	<0.16	-
cis-1,2-Dichloroethene	156-59-2	70	7	<1.0	<1.0	<1.0	<0.25	<0.26	<0.12	<0.12	0.18	<0.12	<0.15	<0.15	<0.47
trans-1,2-Dichloroethene	156-60-5	100	20	<1.0	<1.0	<1.0	<0.21	<0.26	<0.15	<0.16	<0.16	<0.16	<0.18	<0.24	<0.53
Isopropylbenzene (cumene)	98-82-8	--	--	<1.0	<1.0	<1.0	<0.17	<0.14	<0.064	<0.25	<0.25	<0.25	3.6	10.3	-
p-Isopropyltoluene	99-87-6	--	--	<1.0	<1.0	<1.0	<0.16	<0.50	<0.064	<0.19	<0.19	<0.19	<0.15	<0.15	-
Methylene Chloride	75-09-2	5	0.5	<4.0	<4.0	<4.0	<0.56	<0.23	<0.097	<0.29	<0.29	<0.29	<0.16	<1.5	-
Naphthalene	91-20-3	100	10	<4.0	<4.0	<4.0	<0.14	<2.5	<0.064	<0.20	<0.20	<0.20	<0.48	3.8 ¹	-
n-Propylbenzene	103-65-1	--	--	<1.0	<1.0	<1.0	<0.21	<0.50	<0.049	<0.23	<0.23	<0.23	0.72	5.2	-
Styrene	100-42-5	100	10	<1.0	<1.0	<1.0	<0.11	<0.50	<0.056	<0.29	<0.29	<0.29	<0.19	<0.19	-
Tetrachloroethene (PCE)	127-18-4	5	0.5	25.3	5.9	25.1	5.9	7.1	11.5	11.7	27.1	21.6	<i>0.51¹</i>	0.62	<0.41
Trichloroethene (TCE)	79-01-6	5	0.5	<0.40	<0.40	<0.40	<0.14	<0.33	<0.051	<0.20	0.5	0.9	<0.15	<0.15	<0.32
Vinyl chloride	75-01-4	0.2	0.02	<0.40	<0.40	<0.40	<0.15	<0.18	<0.084	<0.15	<0.069	<0.069	<0.092	<0.092	<0.17

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

-- = No Standard/Not Applicable

- = Not Sampled

¹ = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold = Exceeds NR140.10 Enforcement Standard

Italic = Exceeds NR140.10 Preventive Action Limit

Table 1am
Groundwater Analytical Results
MW6 (Equity)
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893

Reported/Collected By-->				Cooper/Tetra Tech					
Date-->				May-05	Aug-05	Nov-05	Feb-06	May-06	
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)						
Benzene	71-43-2	5	0.5	-	<0.3	<0.3	<1.5	<0.3	Well Abandoned
Ethylbenzene	100-41-4	700	140	-	<0.3	<0.5	<2.5	<0.5	
Toluene	108-88-3	800	160	-	<0.3	<0.3	<1.5	<0.3	
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	-	<0.3	<0.3	<1.5	<0.3	
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	-	<0.3	<0.4	<2.0	<0.4	
Xylenes ²	1330-20-7	2,000	400	-	<0.3	<0.6	<3.0	<0.3	
n-Butylbenzene	104-51-8	--	--	-	-	-	-	-	
sec-Butylbenzene	135-98-8	--	--	-	-	-	-	-	
tert-Butylbenzene	98-06-6	--	--	-	-	-	-	-	
1,2-Dichloroethane	107-06-2	5	0.5	-	-	-	-	-	
1,1-Dichloroethene	75-35-4	7	0.7	-	-	-	-	-	
cis-1,2-Dichloroethene	156-59-2	70	7	2.87	-	29.6	13.7	2.62	
trans-1,2-Dichloroethene	156-60-5	100	20	-	-	-	-	-	
Isopropylbenzene (cumene)	98-82-8	--	--	-	-	-	-	-	
p-Isopropyltoluene	99-87-6	--	--	-	-	-	-	-	
Methylene Chloride	75-09-2	5	0.5	-	-	-	-	-	
Naphthalene	91-20-3	100	10	-	-	-	-	-	
n-Propylbenzene	103-65-1	--	--	-	-	-	-	-	
Styrene	100-42-5	100	10	-	-	-	-	-	
Tetrachloroethene (PCE)	127-18-4	5	0.5	55.2	-	239	169	35.3	
Trichloroethene (TCE)	79-01-6	5	0.5	1.1	-	14.6	8.9	1.69	
Vinyl chloride	75-01-4	0.2	0.02	-	-	-	-	-	

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

- = Not Sampled

-- = No Standard/Not Applicable

^J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

**Table 1a
Groundwater Analytical Results
MW1 (Equity)
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893**

Reported/Collected By-->				Cooper/Tetra Tech					MSA											
Date-->				May-05	Aug-05	Nov-05	Feb-06	May-06	13-Apr-06	17-Aug-06	13-Dec-06	2-May-07	14-May-08	27-Aug-08	24-Nov-08	23-Apr-09	14-Jul-09	2-Jun-11	18-Nov-11	13-Feb-12
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)																	
Benzene	71-43-2	5	0.5	-	<0.3	<i>0.89</i>	<3.1	<15	-	-	<10	<0.31	<0.29	<0.29	<0.29	<2.9	<2.9	<0.20	<0.20	<1.6
Ethylbenzene	100-41-4	700	140	-	<0.3	<0.5	<5	<25	-	-	<10	<0.26	<0.22	<0.22	<1.1	<2.2	<2.2	<0.50	<0.50	<4.0
Toluene	108-88-3	800	160	-	<0.3	<0.3	<3	<15	-	-	<50	<0.32	<0.27	<0.27	<1.3	<2.7	<2.7	<0.50	<0.50	<4.0
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	-	<0.3	<0.3	<3	<15	-	-	<10	<0.32	<0.19	<0.19	<0.96	<1.9	<1.9	<0.50	<0.50	<4.0
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	-	<0.3	<0.4	<4	<20	-	-	<20	<0.51	<0.62	<0.62	1.0	<0.62	<6.2	<0.02	<0.02	<1.6
Xylenes ²	1330-20-7	2,000	400	-	<0.3	<0.6	<6	<31	-	-	<30	<0.73	<0.86	<0.86	<4.3	<8.6	<8.6	<0.50	<0.50	<4.0
n-Butylbenzene	104-51-8	--	--	-	-	-	-	-	-	-	<10	<0.24	<0.23	<0.23	<1.1	<2.3	<2.3	<0.20	<0.20	<1.6
sec-Butylbenzene	135-98-8	--	--	-	-	-	-	-	-	-	<10	<0.28	<0.23	<0.23	<1.1	<2.2	<2.2	<0.25	<0.25	<2.0
tert-Butylbenzene	98-06-6	--	--	-	-	-	-	-	-	-	-	-	-	-	<0.98	<2.0	<2.0	<0.20	<0.20	<1.6
1,2-Dichloroethane	107-06-2	5	0.5	-	-	-	-	-	-	-	<10	<0.34	<0.27	<0.27	<1.4	<2.7	<2.7	<0.50	<0.50	<4.0
1,1-Dichloroethene	75-35-4	7	0.7	-	-	-	-	-	-	-	<10	4.9	1.8	<0.50	2.5	9.0	<5.0	<0.50	6.1	<4.0
cis-1,2-Dichloroethene	156-59-2	70	7	35.2	-	358	558	1,160	-	-	750	810	500	110	500	1,400	780	<0.50	830	670
trans-1,2-Dichloroethene	156-60-5	100	20	0.661	-	2.13	4.83	<19	-	-	<10	2.2	1.3	<0.30	<1.5	<3.0	<3.0	<0.50	3.0	<4.0
Isopropylbenzene (cumene)	98-82-8	--	--	-	-	-	-	-	-	-	<10	<0.31	<0.19	<0.19	<0.94	<1.9	<1.9	<0.20	<0.20	<1.6
p-Isopropyltoluene	99-87-6	--	--	-	-	-	-	-	-	-	<10	<0.29	<0.21	<0.21	<1.1	<2.1	<2.1	<0.20	<0.20	<1.6
Methylene Chloride	75-09-2	5	0.5	-	-	-	-	-	-	-	-	2.2	0.39	3.2	<3.0	<3.0	<1.0	<1.0	<8.0	
Naphthalene	91-20-3	100	10	-	-	-	-	-	-	-	<50	<0.27	<0.17	<0.17	0.99	<1.7	<1.7	<0.25	<0.25	<2.0
n-Propylbenzene	103-65-1	--	--	-	-	-	-	-	-	-	<10	<0.31	<0.22	<0.22	<1.1	<2.2	<2.2	<0.50	<0.50	<4.0
Styrene	100-42-5	100	10	-	-	-	-	-	-	-	<10	<0.27	<0.38	<0.38	<1.9	<3.8	<3.8	<0.50	<0.50	<4.0
Tetrachloroethene (PCE)	127-18-4	5	0.5	127	-	282	416	1100	-	-	740	980	390	100	300	760	660	<0.50	160	480
Trichloroethene (TCE)	79-01-6	5	0.5	8	-	106	216	484	-	-	290	300	87	21	72	310	180	<0.20	92	290
Vinyl chloride	75-01-4	0.2	0.02	-	-	-	-	-	-	-	<10	1.0	<0.27	<0.27	<4.3	<2.7	<2.7	<0.20	2.0	<1.6

Reported/Collected By-->				MSA																REI
Date-->				15-May-12	29-Aug-12	7-Jan-13	31-Jul-13	27-Oct-13	26-Feb-14	27-May-14	11-Aug-14	16-Jul-15	22-Oct-15	28-Jun-16	13-Sep-16	12-Dec-16	15-Mar-17	25-Jun-19	4-Dec-19	2-Nov-23
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)																	
Benzene	71-43-2	5	0.5	<1.0	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<0.21	<0.50	<0.042	<0.16	<0.16	<0.16	<0.10	<0.10	-
Ethylbenzene	100-41-4	700	140	<1.0	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<0.23	<0.50	<0.075	<0.15	<0.15	<0.15	<0.14	<0.14	-
Toluene	108-88-3	800	160	<1.0	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<0.13	<0.50	<0.059	<0.14	<0.14	<0.14	<0.083	<0.083	-
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	<1.0	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<0.20	<0.17	<0.047	<0.15	<0.15	<0.15	<0.16	<0.16	-
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	<1.0	<2.0	<5.0	<2.0	<4.0	<2.0	<4.0	<4.0	<0.16	<0.50	<0.11	<0.45	<0.45	<0.45	<0.32	<0.32	-
Xylenes ²	1330-20-7	2,000	400	<1.0	<2.0	<5.0	<3.0	<6.0	<3.0	<6.0	<6.0	<0.60	<0.50	<0.15	<0.32	<0.32	<0.32	<0.31	<0.31	-
n-Butylbenzene	104-51-8	--	--	<1.0	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<0.083	<0.50	<0.16	<0.16	<0.16	<0.24	<0.24	-	-
sec-Butylbenzene	135-98-8	--	--	<1.0	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<0.16	<2.2 <0.18	<0.094	<0.19	<0.19	0.67	<0.15	<0.15	-
tert-Butylbenzene	98-06-6	--	--	<1.0	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<0.18	<0.18	<0.051	<0.22	<0.22	<0.22	<0.15	<0.15	-
1,2-Dichloroethane	107-06-2	5	0.5	<1.0	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<0.17	<0.17	<0.072	<0.17	<0.17	<0.17	<0.22	0.25 ³	-
1,1-Dichloroethene	75-35-4	7	0.7	2.3	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<0.22	<0.41	<0.069	<0.28	0.44	0.44	<0.16	<0.16	-
cis-1,2-Dichloroethene	156-59-2	70	7	353	220	250	182	298	42.9	113	254	45.9	137	2.8	2.0	94.5	8.0	0.81	0.20 ³	2.4
trans-1,2-Dichloroethene	156-60-5	100	20	2	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<0.21	0.38	<0.15	<0.16	0.64	<0.16	<0.24	<0.24	<0.53
Isopropylbenzene (cumene)	98-82-8	--	--	<1.0	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	0.24	<0.14	<0.064	<0.25	<0.25	<0.25	<0.18	<0.18	-
p-Isopropyltoluene	99-87-6	--	--	<1.0	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<0.16	<0.50	<0.064	<0.19	<0.19	<0.19	<0.15	<0.15	-
Methylene Chloride	75-09-2	5	0.5	<4.0	<8.0	<20.0	<4.0	<8.0	<4.0	<8.0	<8.0	<0.56	<0.23	<0.097	<0.29	<0.29	<0.29	<0.98	<1.5	-
Naphthalene	91-20-3	100	10	<1.0	<2.0	<5.0	<4.0	<8.0	<4.0	<8.0	<8.0	0.34	<2.5	<0.064	<0.20	<0.20	0.34	<0.48	<1.6	-
n-Propylbenzene	103-65-1	--	--	<1.0	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<0.21	<0.50	<0.049	<0.23	<0.23	<0.23	<0.10	<0.10	-
Styrene	100-42-5	100	10	<1.0	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<0.11	<0.50	<0.056	<0.29	<0.29	<0.29	<0.19	<0.19	-
Tetrachloroethene (PCE)	127-18-4	5	0.5	422	242	402	165	116	63.3	128	147	20.3	29	6.1	3.9	40.8	7.7	2.9	6.0	13.5
Trichloroethene (TCE)	79-01-6	5	0.5	212	73.6	232	62.3	61.2	22.6	37.1	49.6	10.6	21.9	2.2	0.91	28.4	4.6	0.57	0.72	4.6
Vinyl chloride	75-01-4	0.2	0.02	0.45	<0.80	<2.0	<0.40	<0.80	<0.40	<0.80	<0.80	<0.15	0.2	<0.084	<0.15	0.13	<0.069	<0.092	<0.31	<0.17

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

-- = No Standard/Not Applicable

- = Not Sampled

³ = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold = Exceeds NR140.10 Enforcement Standard

Italic = Exceeds NR140.10 Preventive Action Limit

Table 1a0
Groundwater Analytical Results
MW8 (Equity)
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893

<i>Reported/Collected By--></i>				MSA			
<i>Date--></i>				23-Apr-09	14-Jul-09	31-Jul-13	
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)				
Benzene	71-43-2	5	0.5	<0.29	<0.29	<1.0	Well Could Not Be Located
Ethylbenzene	100-41-4	700	140	<0.22	<0.22	<1.0	
Toluene	108-88-3	800	160	<0.27	<0.27	8.3	
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	<0.19	<0.19	<1.0	
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	<0.62	<0.62	<2.0	
Xylenes ²	1330-20-7	2,000	400	<0.86	<0.86	<3.0	
n-Butylbenzene	104-51-8	--	--	<0.23	<0.23	<1.0	
sec-Butylbenzene	135-98-8	--	--	<0.22	<0.22	<1.0	
tert-Butylbenzene	98-06-6	--	--	<0.20	<0.20	<1.0	
1,2-Dichloroethane	107-06-2	5	0.5	<0.27	<0.27	<1.0	
1,1-Dichloroethene	75-35-4	7	0.7	<0.50	<0.50	<1.0	
cis-1,2-Dichloroethene	156-59-2	70	7	<0.38	<0.38	<1.0	
trans-1,2-Dichloroethene	156-60-5	100	20	<0.30	<0.30	<1.0	
Isopropylbenzene (cumene)	98-82-8	--	--	<0.19	<0.19	<1.0	
p-Isopropyltoluene	99-87-6	--	--	<0.21	<0.21	<1.0	
Methylene Chloride	75-09-2	5	0.5	<0.30	<0.30	<4.0	
Naphthalene	91-20-3	100	10	<0.17	1.0	<4.0	
n-Propylbenzene	103-65-1	--	--	<0.22	<0.22	<1.0	
Styrene	100-42-5	100	10	<0.38	<0.38	<1.0	
Tetrachloroethene (PCE)	127-18-4	5	0.5	0.42	<i>0.87</i>	<1.0	
Trichloroethene (TCE)	79-01-6	5	0.5	<0.37	<0.37	<0.40	
Vinyl chloride	75-01-4	0.2	0.02	<2.7	<0.27	<0.40	

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

- = Not Sampled

-- = No Standard/Not Applicable

¹ = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Table 1ap
Groundwater Analytical Results
PZ1 (Equity)
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893

Reported/Collected By-->				Cooper/Tetra Tech					
Date-->				May-05	Aug-05	Nov-05	Feb-06	May-06	
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)						
Benzene	71-43-2	5	0.5	-	<0.3	<0.3	<0.3	<0.3	Well Abandoned
Ethylbenzene	100-41-4	700	140	-	<0.3	<0.5	<0.5	<0.5	
Toluene	108-88-3	800	160	-	<0.3	<0.3	<0.3	<0.3	
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	-	<0.3	<0.3	<0.3	<0.3	
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	-	<0.3	<0.4	<0.4	<0.4	
Xylenes ²	1330-20-7	2,000	400	-	<0.3	<0.6	<0.6	<0.3	
n-Butylbenzene	104-51-8	--	--	-	-	-	-	-	
sec-Butylbenzene	135-98-8	--	--	-	-	-	-	-	
tert-Butylbenzene	98-06-6	--	--	-	-	-	-	-	
1,2-Dichloroethane	107-06-2	5	0.5	-	-	-	-	-	
1,1-Dichloroethene	75-35-4	7	0.7	-	-	-	-	-	
cis-1,2-Dichloroethene	156-59-2	70	7	<i>8.15</i>	-	<0.4	<0.4	<0.4	
trans-1,2-Dichloroethene	156-60-5	100	20	-	-	-	-	-	
Isopropylbenzene (cumene)	98-82-8	--	--	-	-	-	-	-	
p-Isopropyltoluene	99-87-6	--	--	-	-	-	-	-	
Methylene Chloride	75-09-2	5	0.5	-	-	-	-	-	
Naphthalene	91-20-3	100	10	-	-	-	-	-	
n-Propylbenzene	103-65-1	--	--	-	-	-	-	-	
Styrene	100-42-5	100	10	-	-	-	-	-	
Tetrachloroethene (PCE)	127-18-4	5	0.5	129	-	18.5	10	7.35	
Trichloroethene (TCE)	79-01-6	5	0.5	<i>3.59</i>	-	<0.5	<0.5	<0.5	
Vinyl chloride	75-01-4	0.2	0.02	-	-	-	-	-	

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

- = Not Sampled

-- = No Standard/Not Applicable

^J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

**Table 1a
Groundwater Analytical Results
Seaton Pump
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893**

Reported/Collected By-->				MSA	
Date-->				23-Apr-09	5-Oct-17
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)		
Benzene	71-43-2	5	0.5	<0.29	<0.34
Ethylbenzene	100-41-4	700	140	<0.22	<0.14
Toluene	108-88-3	800	160	<0.27	<0.17
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	<0.19	<0.40
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	<0.62	<0.32
Xylenes ²	1330-20-7	2,000	400	<0.86	<0.24
n-Butylbenzene	104-51-8	--	--	<0.23	<0.13
sec-Butylbenzene	135-98-8	--	--	<0.22	<0.12
tert-Butylbenzene	98-06-6	--	--	<0.20	<0.15
1,2-Dichloroethane	107-06-2	5	0.5	<0.27	<0.32
1,1-Dichloroethene	75-35-4	7	0.7	<0.50	<0.18
cis-1,2-Dichloroethene	156-59-2	70	7	<0.38	<0.20
trans-1,2-Dichloroethene	156-60-5	100	20	<0.30	<0.21
Isopropylbenzene (cumene)	98-82-8	--	--	<0.19	<0.17
p-Isopropyltoluene	99-87-6	--	--	<0.21	<0.14
Methylene Chloride	75-09-2	5	0.5	<0.30	<1.2
Naphthalene	91-20-3	100	10	<0.17	<0.42
n-Propylbenzene	103-65-1	--	--	<0.22	<0.15
Styrene	100-42-5	100	10	<0.38	<0.14
Tetrachloroethene (PCE)	127-18-4	5	0.5	<0.29	<0.16
Trichloroethene (TCE)	79-01-6	5	0.5	<0.37	<0.18
Vinyl chloride	75-01-4	0.2	0.02	<0.27	<0.096

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

-- = Not Sampled

-- = No Standard/Not Applicable

^J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Table 1ar
Groundwater Analytical Results
Municipal Well #2
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893

Reported/Collected By-->				Village of Luck										
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)	Date-->										
				25-Aug-93	28-Jan-97	15-Mar-99	25-Mar-02	13-Feb-06	12-Mar-07	30-Apr-08	25-Sep-09	7-Sep-10	20-Jun-11	19-Mar-12
Benzene	71-43-2	5	0.5	<0.5	<0.5	<0.5	<0.5	<0.18	<0.19	<0.19	<0.24	<0.12	<0.12	<0.12
Ethylbenzene	100-41-4	700	140	<0.1	<0.1	<0.1	<0.1	<0.18	<0.15	<0.15	<0.24	<0.11	<0.11	<0.11
Toluene	108-88-3	800	160	<0.5	<0.5	<0.5	<0.5	<0.21	<0.16	<0.16	<0.12	<0.11	<0.11	<0.11
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	-	-	-	-	-	2.9	2.1	1.5	1.6	0.88	1.2
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	-	-	-	-	-	-	-	-	-	-	-
Xylenes ²	1330-20-7	2,000	400	<0.2	<0.2	<0.2	<0.2	<0.48	<0.5	<0.5	<0.63	<0.33	<0.33	<0.33
n-Butylbenzene	104-51-8	--	--	-	-	-	-	-	-	-	-	-	-	-
sec-Butylbenzene	135-98-8	--	--	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	98-06-6	--	--	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	107-06-2	5	0.5	0.9	0.3	0.3	0.39	0.31	0.3	0.28	0.2	0.21	0.18	0.22
1,1-Dichloroethene	75-35-4	7	0.7	<0.2	<0.2	<0.2	<0.2	<0.18	<0.18	<0.18	<0.18	<0.11	<0.11	<0.11
cis-1,2-Dichloroethene	156-59-2	70	7	<0.1	<0.1	<0.1	<0.1	<0.15	<0.16	<0.16	<0.1	<0.13	<0.13	<0.13
trans-1,2-Dichloroethene	156-60-5	100	20	<0.1	<0.1	<0.1	<0.1	<0.147	<0.15	<0.15	<0.28	<0.11	<0.11	<0.11
Isopropylbenzene (cumene)	98-82-8	--	--	-	-	-	-	-	-	-	-	-	-	-
p-Isopropyltoluene	99-87-6	--	--	-	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	75-09-2	5	0.5	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	91-20-3	100	10	-	-	-	-	-	-	-	-	-	-	-
n-Propylbenzene	103-65-1	--	--	-	-	-	-	-	-	-	-	-	-	-
Styrene	100-42-5	100	10	<0.2	<0.2	<0.2	<0.2	<0.18	<0.2	<0.2	<0.11	<0.14	<0.14	<0.14
Tetrachloroethene (PCE)	127-18-4	5	0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1
Trichloroethene (TCE)	79-01-6	5	0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.14	<0.14	<0.25	<0.12	<0.12	<0.12
Vinyl chloride	75-01-4	0.2	0.02	<0.2	<0.2	<0.2	<0.2	<0.15	<0.2	<0.2	<0.19	<0.13	<0.13	<0.13

Reported/Collected By-->				Village of Luck						MSA				REI
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)	Date-->										
				12-Nov-13	3-Sep-14	4-Aug-15	14-Sep-16	9-Aug-17	7-Aug-18	1-Dec-20	3-Mar-21	1-Jul-21	24-Sep-21	2-Nov-23
Benzene	71-43-2	5	0.5	<0.17	<0.22	<0.14	<0.19	<0.23	<0.23	<0.12	<0.25	<0.12	<0.314	-
Ethylbenzene	100-41-4	700	140	<0.15	<0.19	<0.12	<0.18	<0.22	<0.22	<0.075	<0.32	<0.069	<0.457	-
Toluene	108-88-3	800	160	<0.14	<0.18	<0.11	<0.21	<0.22	<0.22	<0.12	<0.27	<0.11	<0.927	-
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	0.77	0.69	0.51	0.87	0.75	0.61	0.4	<1.2	0.34	0.372	-
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	-	-	-	-	-	-	<0.29	<1.71	<0.216	<1.417	-
Xylenes ²	1330-20-7	2,000	400	<0.53	<0.53	<0.35	<0.48	<0.68	<0.68	<0.29	<0.73	<0.18	<0.580	-
n-Butylbenzene	104-51-8	--	--	-	-	-	-	-	-	<0.16	<0.71	<0.052	<0.523	-
sec-Butylbenzene	135-98-8	--	--	-	-	-	-	-	-	<0.15	<0.85	<0.14	<0.417	-
tert-Butylbenzene	98-06-6	--	--	-	-	-	-	-	-	<0.13	<0.30	<0.11	<0.423	-
1,2-Dichloroethane	107-06-2	5	0.5	<0.23	<0.16	<0.16	<0.17	<0.25	<0.25	<0.25	<0.28	<0.14	<0.273	-
1,1-Dichloroethene	75-35-4	7	0.7	<0.21	<0.21	<0.17	<0.21	<0.25	<0.25	<0.17	<0.24	<0.14	<0.627	-
cis-1,2-Dichloroethene	156-59-2	70	7	<0.13	<0.19	<0.16	<0.2	<0.3	<0.3	<0.20	<0.27	<0.17	<0.420	<0.47
trans-1,2-Dichloroethene	156-60-5	100	20	<0.16	<0.14	<0.18	<0.16	<0.47	<0.47	<0.19	<0.46	<0.15	<0.497	<0.53
Isopropylbenzene (cumene)	98-82-8	--	--	-	-	-	-	-	-	<0.13	<1.7	<0.11	<0.350	-
p-Isopropyltoluene	99-87-6	--	--	-	-	-	-	-	-	<0.18	<0.80	<0.12	<0.400	-
Methylene Chloride	75-09-2	5	0.5	<0.14	<0.16	<0.2	<0.15	<0.23	<0.23	<1.1	<0.58	<0.83	<1.43	-
Naphthalene	91-20-3	100	10	-	-	-	-	-	-	<0.68	<1.2	<0.20	<3.33	-
n-Propylbenzene	103-65-1	--	--	-	-	-	-	-	-	<0.18	<0.81	<0.090	<0.331	-
Styrene	100-42-5	100	10	<0.2	<0.17	<0.11	<0.17	<0.21	<0.21	<0.11	<3.0	<0.13	<0.393	-
Tetrachloroethene (PCE)	127-18-4	5	0.5	<0.18	<0.18	<0.13	<0.19	<0.28	<0.28	<0.17	<0.33	<0.10	<1.00	<0.41
Trichloroethene (TCE)	79-01-6	5	0.5	<0.19	<0.11	<0.19	<0.18	<0.3	<0.3	<0.15	<0.26	<0.13	<0.633	<0.32
Vinyl chloride	75-01-4	0.2	0.02	<0.19	<0.18	<0.1	<0.17	<0.2	<0.2	<0.099	<0.17	<0.063	<0.780	<0.17

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

-- = Not Sampled

- - = No Standard/Not Applicable

¹ = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Table 1as
Groundwater Analytical Results
Municipal Well #3
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893

Reported/Collected By-->				Village of Luck													
Date-->				1-Mar-93	28-Jan-97	15-Mar-99	25-Mar-02	13-Feb-06	12-Mar-07	30-Apr-08	25-Sep-09	7-Sep-10	20-Jun-11	19-Mar-12	12-Nov-13	3-Sep-14	9-Aug-17
VOC's (µg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)														
Benzene	71-43-2	5	0.5	<0.1	<0.5	<0.5	<0.5	<0.18	<0.15	<0.19	<0.24	<0.12	<0.12	<0.12	<0.17	<0.22	<0.19
Ethylbenzene	100-41-4	700	140	<0.1	<0.1	<0.1	<0.1	<0.18	<0.15	<0.15	<0.24	<0.11	<0.11	<0.11	<0.15	<0.19	<0.18
Toluene	108-88-3	800	160	<0.2	<0.5	<0.5	<0.5	<0.21	<0.18	<0.16	<0.12	<0.11	<0.11	<0.11	<0.14	<0.18	<0.21
Methyl-tert-butyl ether (MTBE)	1634-04-4	60	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzenes (TMB) ¹	25551-13-7	480	96	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes ²	1330-20-7	2,000	400	<0.3	<0.2	<0.2	<0.2	<0.48	<0.55	<0.5	<0.63	<0.33	<0.33	<0.33	<0.53	<0.53	<0.48
n-Butylbenzene	104-51-8	--	--	-	-	-	-	-	-	-	-	-	-	-	-	-	-
sec-Butylbenzene	135-98-8	--	--	-	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	98-06-6	--	--	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	107-06-2	5	0.5	<0.1	<0.1	<0.1	<0.1	<0.22	<0.23	<0.19	<0.15	<0.16	<0.16	<0.16	<0.23	<0.16	<0.17
1,1-Dichloroethene	75-35-4	7	0.7	<0.2	<0.2	<0.2	<0.2	<0.18	<0.13	<0.18	<0.18	<0.11	<0.11	<0.11	<0.21	<0.21	<0.21
cis-1,2-Dichloroethene	156-59-2	70	7	<0.1	<0.1	<0.1	<0.1	<0.15	<0.20	<0.16	<0.1	<0.13	<0.13	<0.13	<0.13	<0.19	<0.2
trans-1,2-Dichloroethene	156-60-5	100	20	<0.1	<0.1	<0.1	<0.1	<0.17	<0.19	<0.15	<0.28	<0.11	<0.11	<0.11	<0.16	<0.14	<0.16
Isopropylbenzene (cumene)	98-82-8	--	--	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Isopropyltoluene	99-87-6	--	--	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	75-09-2	5	0.5	<0.50	<0.50	<0.50	-	-	-	-	0.19	-	-	-	<0.14	<0.16	<0.15
Naphthalene	91-20-3	100	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Propylbenzene	103-65-1	--	--	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	100-42-5	100	10	<0.2	<0.2	<0.2	<0.2	<0.18	<0.15	<0.2	<0.11	<0.14	<0.14	<0.14	<0.2	<0.17	<0.17
Tetrachloroethene (PCE)	127-18-4	5	0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.15	<0.1	<0.2	<0.1	<0.1	<0.1	<0.18	<0.18	<0.19
Trichloroethene (TCE)	79-01-6	5	0.5	<0.1	<0.1	<0.1	<0.1	<0.2	<0.18	<0.14	<0.25	<0.12	<0.12	<0.12	<0.19	<0.11	<0.18
Vinyl chloride	75-01-4	0.2	0.02	<0.2	<0.2	<0.2	<0.2	<0.15	<0.11	<0.2	<0.19	<0.13	<0.13	<0.13	<0.19	<0.18	<0.17

Notes:
¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers
² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers
µg/L - Parts Per Billion (ppb)
< = Concentration Below Laboratory Detection Limit
- = Not Sampled
-- = No Standard/Not Applicable
¹ = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Table 2
Groundwater Analytical Results - MEE, N+N, Sulfate, Iron, TOC, Field Parameters
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893



Collected By-->			REI																					
Date-->			11/1/2023	11/1/2023	11/1/2023	11/1/2023	11/1/2023	11/1/2023	11/1/2023	11/2/2023	11/2/2023	11/2/2023	11/2/2023	11/2/2023	11/2/2023	11/2/2023	11/2/2023	11/2/2023	11/2/2023	11/2/2023	11/2/2023	11/2/2023	11/2/2023	
Sample-->			MW-1	MW-1 DUP	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-7 DUP	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13	MW-13D	MW-14	MW-15S	MW-15D	MW-16S	MW-16D	
Parameter (µg/L)	ES	PAL																						
Ethane (µg/L)	--	--	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	
Ethene (µg/L)	--	--	0.71 ¹	0.84 ¹	<0.25	<0.25	<0.25	2.7	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	1.9 ¹	<0.25	<0.25
Methane (µg/L)	--	--	1290	1130	<0.58	<0.58	<0.58	4100	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	749	<0.58	7.8
Iron ² (mg/L)	0.3	0.15	2.5	1.1	0.022 ¹	0.043 ¹	<i>0.21</i>	0.52	0.082	0.095	0.097	0.03 ¹	<0.013	0.027 ¹	0.061	0.089	0.14	0.32	0.03 ¹	0.097	0.32	<i>0.17</i>	0.63	
Sulfate ² (mg/L)	250	125	2.2	2.4	9.1	14.8	5.0	0.94 ¹	16.2	30.7	31.6	17.5	26.9	15.2	3.0	12.5	21.8	19.6	11.7	9.6	0.76 ¹	23.3	20.2	
Nitrate + Nitrite (as N) ¹ (mg/L)	10	2	<0.059	<0.059	<i>2.1</i>	<i>3.6</i>	0.73	<0.059	0.089 ¹	<i>3.1</i>	<i>3.1</i>	<i>3.2</i>	<i>3.2</i>	1.3	0.82	1.2	1.6	1.6	1.4	1.3	<0.059	1.9	<0.059	
TOC (mg/L)	--	--	7.2	7.0	0.97	2.6	5.7	8.9	1.5	4.6	4.5	1.2	1.6	3.0	2.1	1.5	3.7	1.4	1.2	1.2	15.3	2.0	1.9	
Field Measurements																								
Temperature (°F)			53.4		47.4	53.9	49.1	52.9	54.2		55.2		54.9	56.9	56.1	50.9	50.2	50.0	47.4	53.3	57.1	54.0	54.4	57.0
Conductivity (ms/cm)			700		286.4	531.4	121.2	1051	715		652		901	827	225.6	174.1	411	240.2	753	317.9	826	105.9	476.4	714
Dissolved Oxygen (mg/L)			0.39		2.21	2.95	10.91	0.68	0.37		5.16		3.91	5.22	5.08	11.82	4.3	10.5	0.49	10.43	3.19	0.34	3.77	0.51
pH			6.30		6.27	6.57	6.69	6.38	6.82		6.02		6.57	5.94	5.84	6.02	6.66	6.63	6.28	6.53	6.56	6.33	6.28	7.03
Redox Potential (mV)			-35.5		226.8	0.3	87.7	-89.7	94.9		182.7		154.7	181.8	193.2	156.7	130.0	144.3	134.4	150.0	115.9	6.2	73.9	-15.2
Salinity			0.15		0.14	0.26	0.06	0.51	0.36		0.32		0.40	0.41	0.11	0.08	0.20	0.12	0.37	0.15	0.41	0.05	0.23	0.22

Collected By-->			REI																				
Date-->			11/1/2023	11/1/2023	11/1/2023	11/2/2023	11/2/2023	11/2/2023	11/2/2023	11/2/2023	11/2/2023	11/2/2023	11/1/2023	11/1/2023	11/1/2023	11/2/2023	11/2/2023	11/2/2023	11/2/2023	11/2/2023	11/2/2023	11/1/2023	11/1/2023
Sample-->			MW-17	MW-17-40	MW-17-70	MW-6 (LT)	MW-6-30 (LT)	MW-6-50 (LT)	MW-7 (LT)	MW-7 (LT) DUP	MW-7-30 (LT)	MW-7-50 (LT)	MW-10 (LT)	MW-10-30 (LT)	MW-10-50 (LT)	PZ-6	PZ-7	PZ-8	PZ-9	MW-5 (EQ)	MW-7 (EQ)	MUNI #2	
Parameter (µg/L)	ES	PAL																					
Ethane (µg/L)	--	--	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Ethene (µg/L)	--	--	<0.25	0.80 ¹	<0.25	<0.25	<0.25	0.26 ¹	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Methane (µg/L)	--	--	4.3	1.6 ¹	<0.58	<0.58	21.1	24	<0.58	<0.58	24.3	<0.58	<0.58	<0.58	<0.58	18.7	<0.58	<0.58	<0.58	34.9	<0.58	1.5 ¹	
Iron ² (mg/L)	0.3	0.15	0.051	0.053	<0.013	<i>0.18</i>	<i>0.18</i>	0.14	0.32	0.49	0.048 ¹	0.033 ¹	0.39	0.14	0.11	0.053	0.089	<i>0.17</i>	<i>0.23</i>	2.6	0.03 ¹	0.069	
Sulfate ² (mg/L)	250	125	12.3	31.4	20.6	6.5	9.6	6.0	12.3	12.1	13.0	13.2	7.6	18.5	3.6	24.0	17.5	20.8	1.9 ¹	18.6	15.1	16.8	
Nitrate + Nitrite (as N) ¹ (mg/L)	10	2	2.0	<0.059	1.1	1.1	0.26	<0.059	1.5	1.6	<0.059	1.0	2.0	1.1	1.1	1.4	<0.059	1.7	0.57	<0.059	<i>2.3</i>	0.72	
TOC (mg/L)	--	--	1.7	1.4	1.5	3.5	3.6	3.3	7.4	6.6	6.8	1.7	7.8	2.1	1.4	0.92	1.2	0.99	2.2	20.2	2.4	1.6	
Field Measurements																							
Temperature (°F)			51.2	50.0	52.3	54.8	50.2	47.0		52.8		47.9	50.6	50.5	49.7	46.1	55.9	53.9	52.6	56.4	49.2	57.2	48.7
Conductivity (ms/cm)			608.8	667.4	656.9	421.1	738	431.3		436.9		173.5	842	473.3	764	249.3	830	524.9	976	190.6	609.9	847	771
Dissolved Oxygen (mg/L)			0.95	0.4	7.15	4.05	1.01	0.69		5.28		0.58	5.64	3.84	2.45	1.74	6.72	0.98	8.22	1.40	0.56	0.36	8.08
pH			6.91	7.34	7.28	6.21	6.82	7.00		6.29		6.28	6.86	6.28	6.4	8.46	7.18	6.33	6.64	6.83	6.08	6.13	6.36
Redox Potential (mV)			122.4	-45.5	49.7	163.3	64.1	-10.6		188.1		173.4	165.2	153.2	124.1	74.3	139.3	159.9	121.7	137.9	147.7	132.9	135.6
Salinity			0.30	0.33	0.32	0.20	0.40	0.21		0.21		0.33	0.41	0.23	0.37	0.12	0.41	0.26	0.41	0.09	0.30	0.42	0.38

Notes:
mg/L - Parts Per Million (ppm)
< = Concentration Below Laboratory Detection Limit
- = Not Sampled
- - = No Standard/Not Applicable
¹ = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)
Bold = Exceeds Enforcement Standard
Italic = Exceeds Preventive Action Limit
¹ = NR140 Table 1 Public Health Groundwater Quality Standard
² = NR140 Table 2 Public Welfare Groundwater Quality Standard

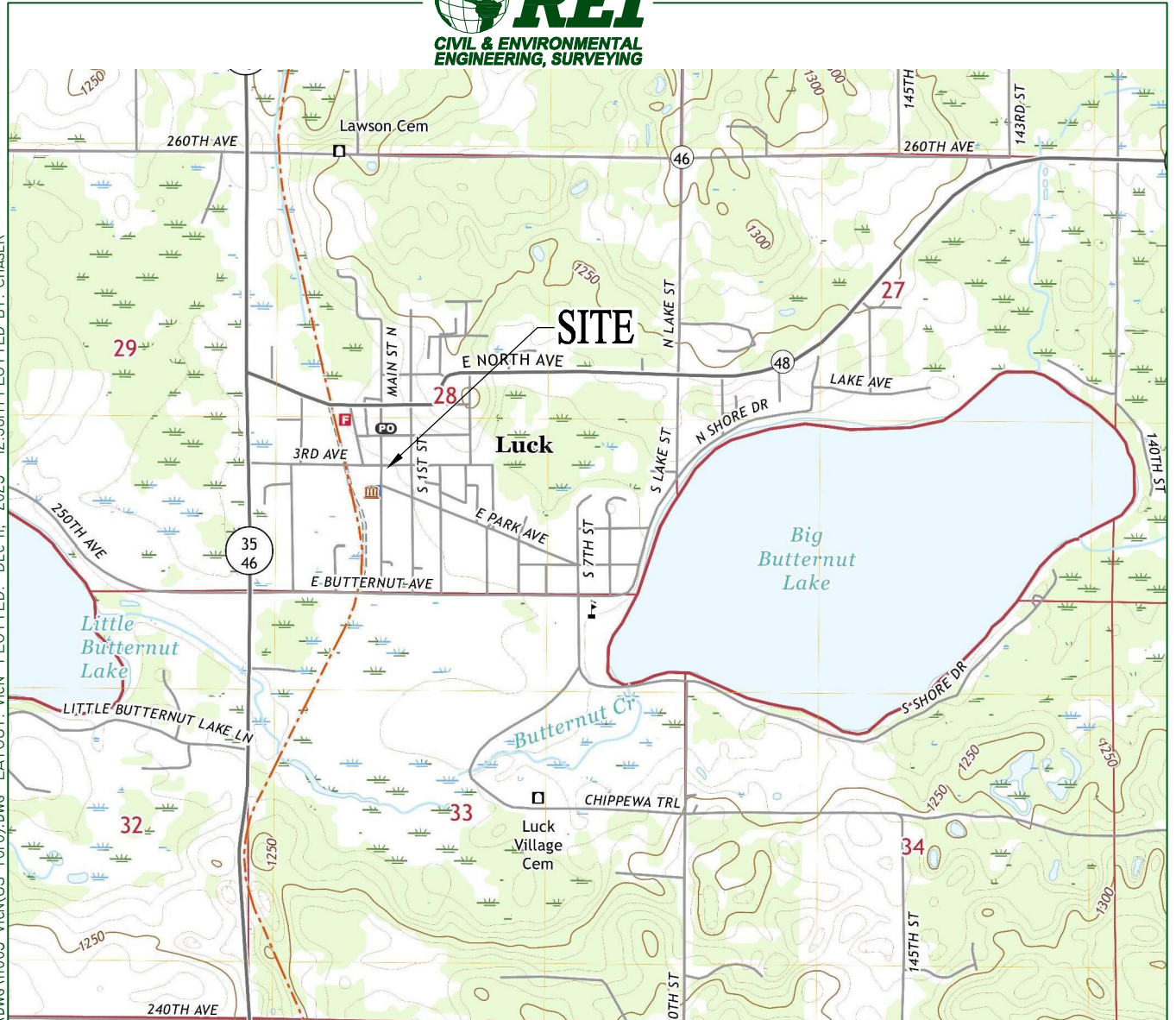
Table 3
Groundwater Elevation Data
Laundry Basket
300 S Main Street
Luck, WI
BRRTS#: 02-49-544893



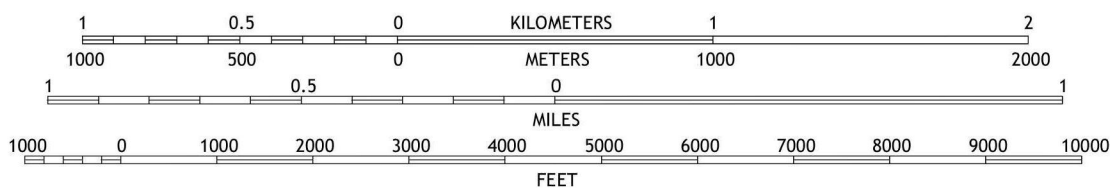
Monitoring Well	Top of Casing (feet amsl)	Depth to Water (feet)	Groundwater Elevation (Feet amsl)
MW-1	1219.56	6.42	1213.14
MW-2	1219.57	6.42	1213.15
MW-3	1219.61	6.23	1213.38
MW-4	1223.17	9.94	1213.23
MW-5	1219.98	6.50	1213.48
MW-6	1219.54	6.46	1213.08
MW-7	1221.39	8.56	1212.83
MW-8	1219.56	6.35	1213.21
MW-9	1218.76	5.51	1213.25
MW-10	1218.58	5.54	1213.04
MW-11	1219.86	6.50	1213.36
MW-12	1216.61	3.81	1212.80
MW-13	1217.12	4.76	1212.36
MW-13D	1217.12	4.36	1212.76
MW-14	1217.29	4.65	1212.64
MW-15S	1216.67	6.56	1210.11
MW-15D	1216.84	4.25	1212.59
MW-16S	1216.12	4.05	1212.07
MW-16D	1215.94	5.92	1210.02
MW-17	1213.01	1.45	1211.56
MW-17-40	1213.16	1.09	1212.07
MW-17-70	1213.1	1.10	1212.00
MW-6 (LT)	1216.43	3.89	1212.54
MW-6-30 (LT)	1216.54	3.98	1212.56
MW-6-50 (LT)	1216.5	3.97	1212.53
MW-7 (LT)	1217.7	5.32	1212.38
MW-7-30 (LT)	1217.63	5.02	1212.61
MW-7-50 (LT)	1217.14	4.85	1212.29
MW-10 (LT)	1215.28	2.85	1212.43
MW-10-30 (LT)	1214.85	2.35	1212.50
MW-10-50 (LT)	1214.64	2.09	1212.55
PZ-6	1219.32	6.01	1213.31
PZ-7	1221.62	8.55	1213.07
PZ-8	1219.7	6.10	1213.60
PZ-9	1218.58	5.44	1213.14
MW-5 (EQ)	1221.75	8.67	1213.08
MW-7 (EQ)	1219.47	6.17	1213.30
MUNI #2	--	--	--

AMSL = Above Mean Sea Level

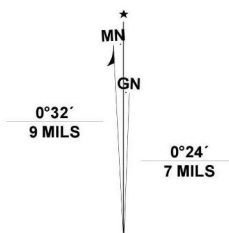
DRAWING FILE: Q:\11000-11099\11003 - WDNR - LAUNDRY BASKET - GW MONITORING\DWG\11003-VICIN\US TOPO.DWG LAYOUT: VICIN PLOTTED: DEC 11, 2023 - 12:58PM PLOTTED BY: CHASEK



SCALE 1:24 000



CONTOUR INTERVAL 10 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988



UTM GRID AND 2019 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

LUCK QUADRANGLE
WISCONSIN - POLK COUNTY
7.5-MINUTE SERIES

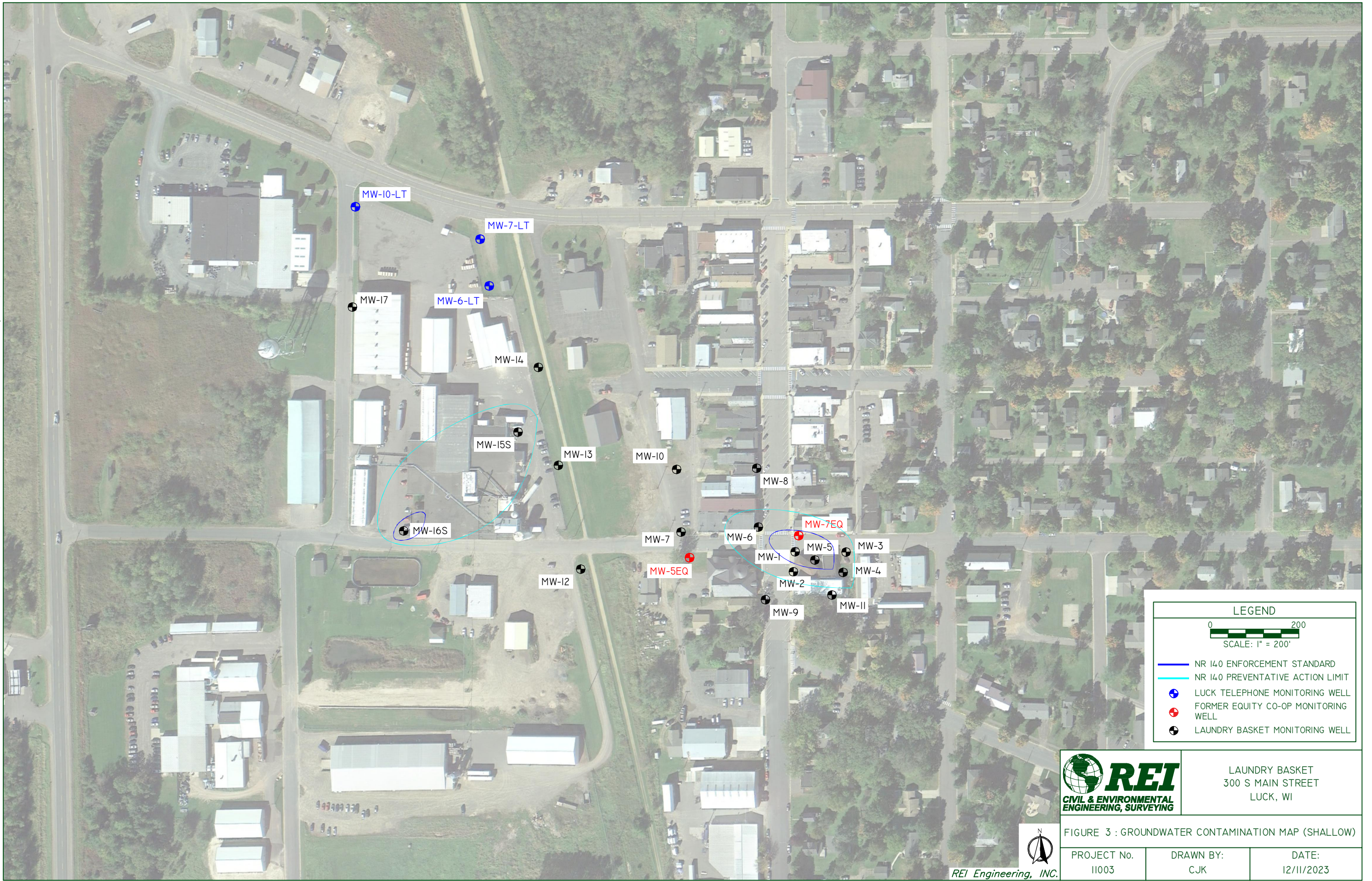


QUADRANGLE LOCATION

LUCK, WI
2022
REI ENGINEERING, INC.

<p>LAUNDRY BASKET 300 S MAIN STREET LUCK, WI</p>		<p>FIGURE 1 : SITE VICINITY MAP</p>	
		<p>PROJECT NO. 11003</p>	<p>DRAWN BY: CJK</p>
			<p>DATE: 12/11/2023</p>

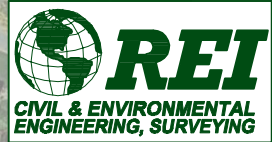
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LEGEND

0 200
SCALE: 1" = 200'

- NR 140 ENFORCEMENT STANDARD
- NR 140 PREVENTATIVE ACTION LIMIT
- ⊕ LUCK TELEPHONE MONITORING WELL
- ⊕ FORMER EQUITY CO-OP MONITORING WELL
- ⊕ LAUNDRY BASKET MONITORING WELL



LAUNDRY BASKET
300 S MAIN STREET
LUCK, WI

FIGURE 3 : GROUNDWATER CONTAMINATION MAP (SHALLOW)

PROJECT No. 11003	DRAWN BY: CJK	DATE: 12/11/2023
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REI Engineering, INC.

DRAWING FILE: Q:\11000-11099\11003 - WDNR - LAUNDRY BASKET - GW MONITORING\DWG\11003-SITE.DWG LAYOUT: FIG4 PLOTTED: DEC 11, 2023 - 3:59PM PLOTTED BY: CHASEK



LEGEND

0 200
SCALE: 1" = 200'

- NR 140 ENFORCEMENT STANDARD
- NR 140 PREVENTATIVE ACTION LIMIT
- LUCK TELEPHONE MONITORING WELL
- FORMER EQUITY CO-OP MONITORING WELL
- LAUNDRY BASKET MONITORING WELL



LAUNDRY BASKET
300 S MAIN STREET
LUCK, WI

FIGURE 4 : GROUNDWATER CONTAMINATION MAP (MID)

PROJECT No. 11003	DRAWN BY: CJK	DATE: 12/11/2023
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REI Engineering, INC.

DRAWING FILE: Q:\11000-11099\11003 - WDNR - LAUNDRY BASKET - GW MONITORING\DWG\11003-SITE.DWG LAYOUT: FIG5 PLOTTED: DEC 11, 2023 - 4:06PM PLOTTED BY: CHASEK



NOTE: NO EXCEEDANCES OF STATE STANDARDS IN DEEP WELLS

LEGEND

0 200
SCALE: 1" = 200'

- NR 140 ENFORCEMENT STANDARD
- NR 140 PREVENTATIVE ACTION LIMIT
- LUCK TELEPHONE MONITORING WELL
- FORMER EQUITY CO-OP MONITORING WELL
- LAUNDRY BASKET MONITORING WELL



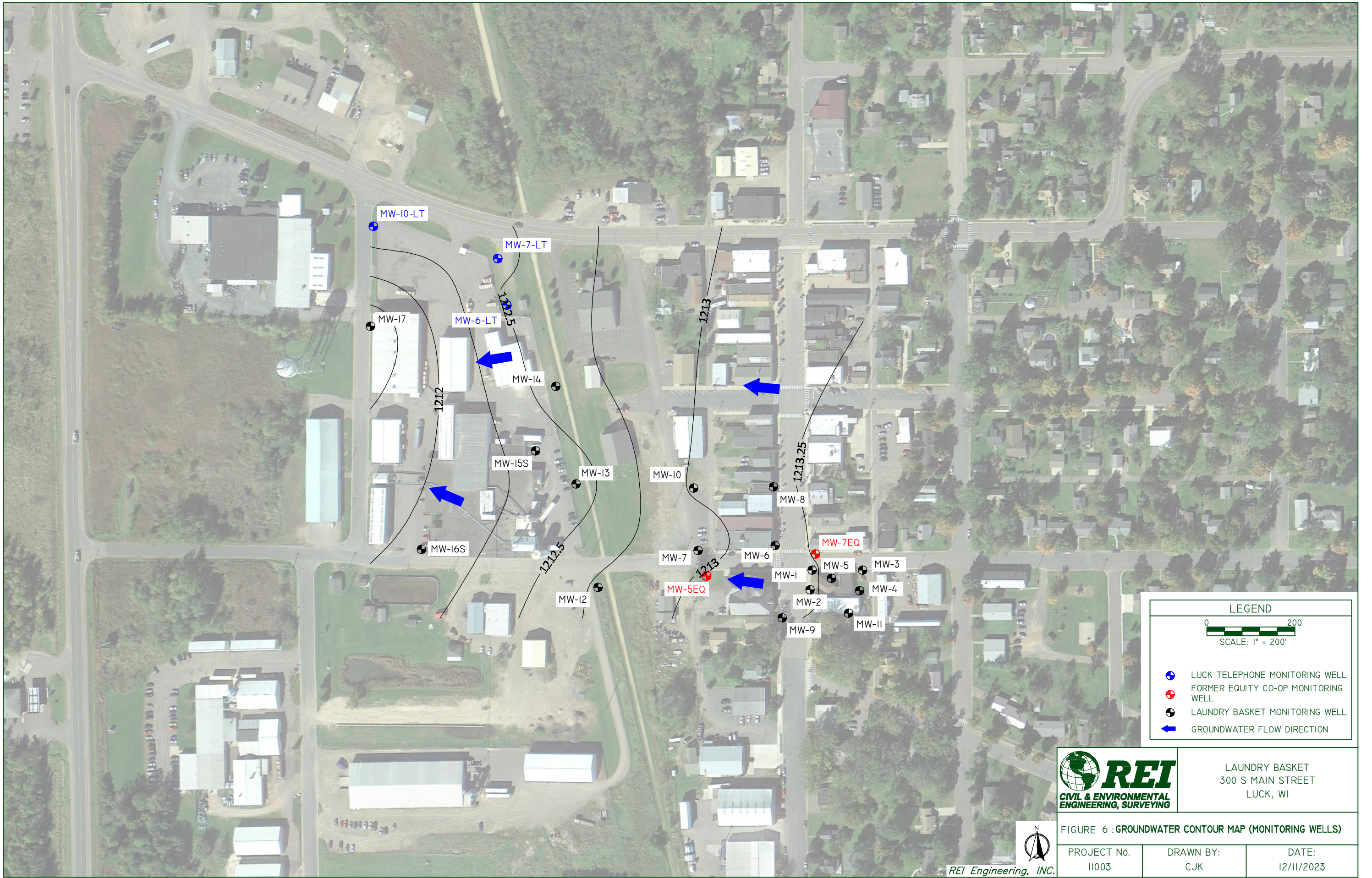
LAUNDRY BASKET
300 S MAIN STREET
LUCK, WI

FIGURE 5 : GROUNDWATER CONTAMINATION MAP (DEEP)

PROJECT No. 11003	DRAWN BY: CJK	DATE: 12/11/2023
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REI Engineering, INC.

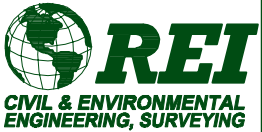
DRAWING FILE: Q:\11000-11099\11003 - WDNR - LAUNDRY BASKET - GW MONITORING\DWG\11003-SITE.DWG LAYOUT: MW CONTOURS PLOTTED: DEC 11, 2023 - 3:16PM PLOTTED BY: CHASEK



LEGEND

0 200
SCALE: 1" = 200'

- LUCK TELEPHONE MONITORING WELL
- FORMER EQUITY CO-OP MONITORING WELL
- LAUNDRY BASKET MONITORING WELL
- GROUNDWATER FLOW DIRECTION



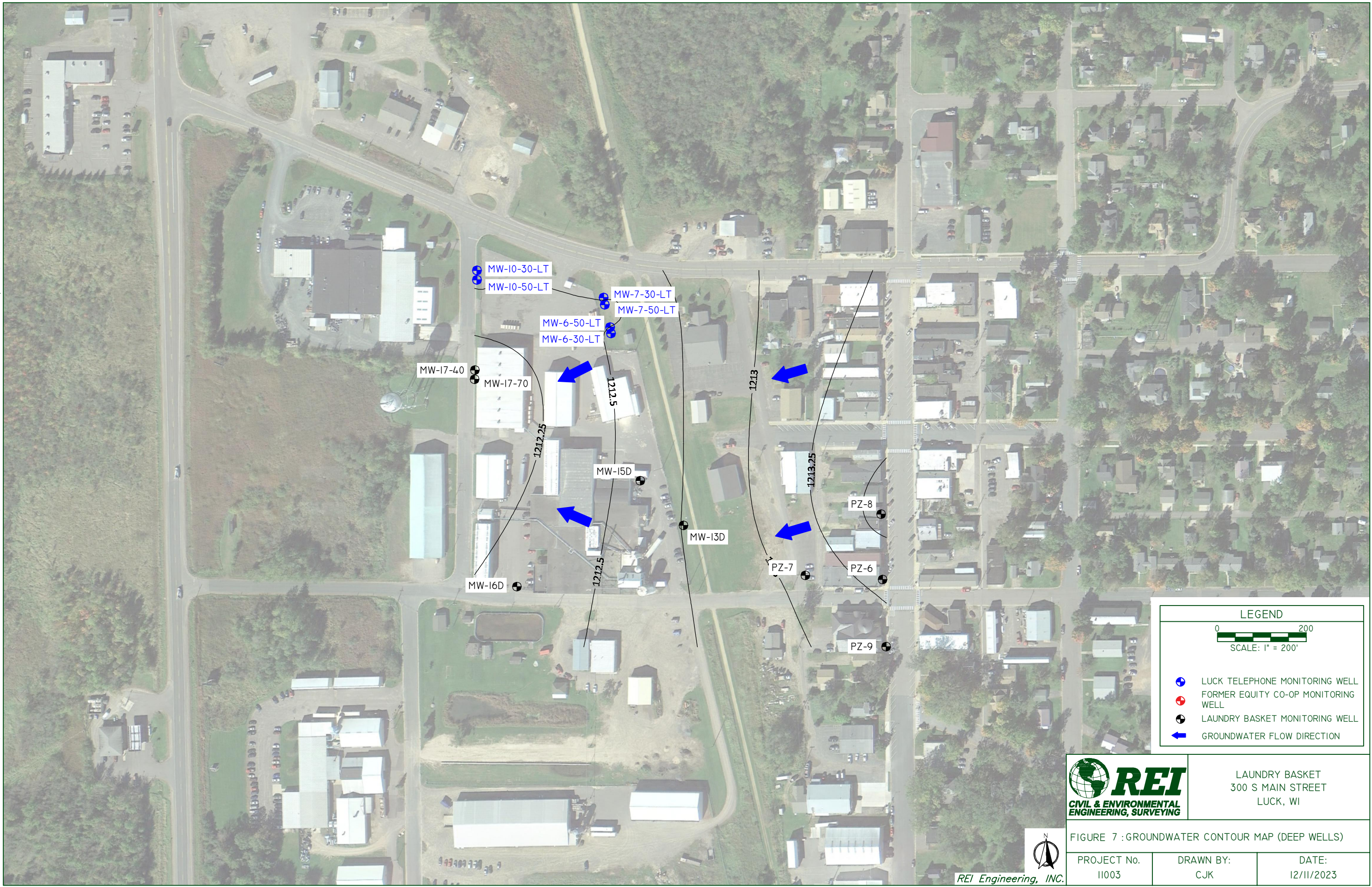
LAUNDRY BASKET
300 S MAIN STREET
LUCK, WI

FIGURE 6 : GROUNDWATER CONTOUR MAP (MONITORING WELLS)

PROJECT No. 11003	DRAWN BY: CJK	DATE: 12/11/2023
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REI Engineering, INC.

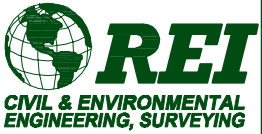
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LEGEND

0 200
SCALE: 1" = 200'

- LUCK TELEPHONE MONITORING WELL
- FORMER EQUITY CO-OP MONITORING WELL
- LAUNDRY BASKET MONITORING WELL
- GROUNDWATER FLOW DIRECTION

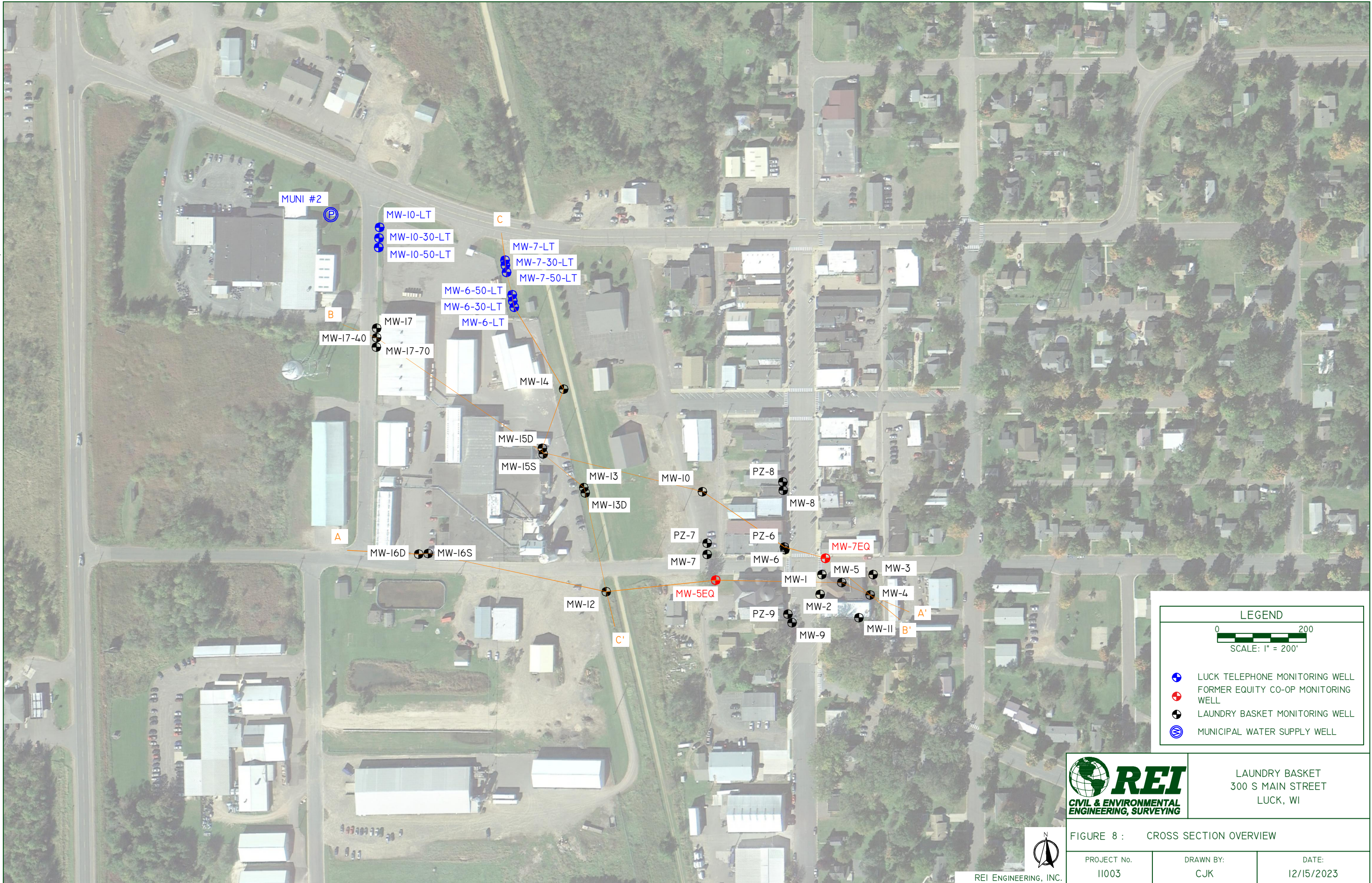


LAUNDRY BASKET
300 S MAIN STREET
LUCK, WI

FIGURE 7 : GROUNDWATER CONTOUR MAP (DEEP WELLS)

PROJECT No. 11003	DRAWN BY: CJK	DATE: 12/11/2023
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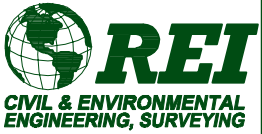
REI Engineering, INC.



LEGEND

0 200
SCALE: 1" = 200'

- LUCK TELEPHONE MONITORING WELL
- FORMER EQUITY CO-OP MONITORING WELL
- LAUNDRY BASKET MONITORING WELL
- MUNICIPAL WATER SUPPLY WELL

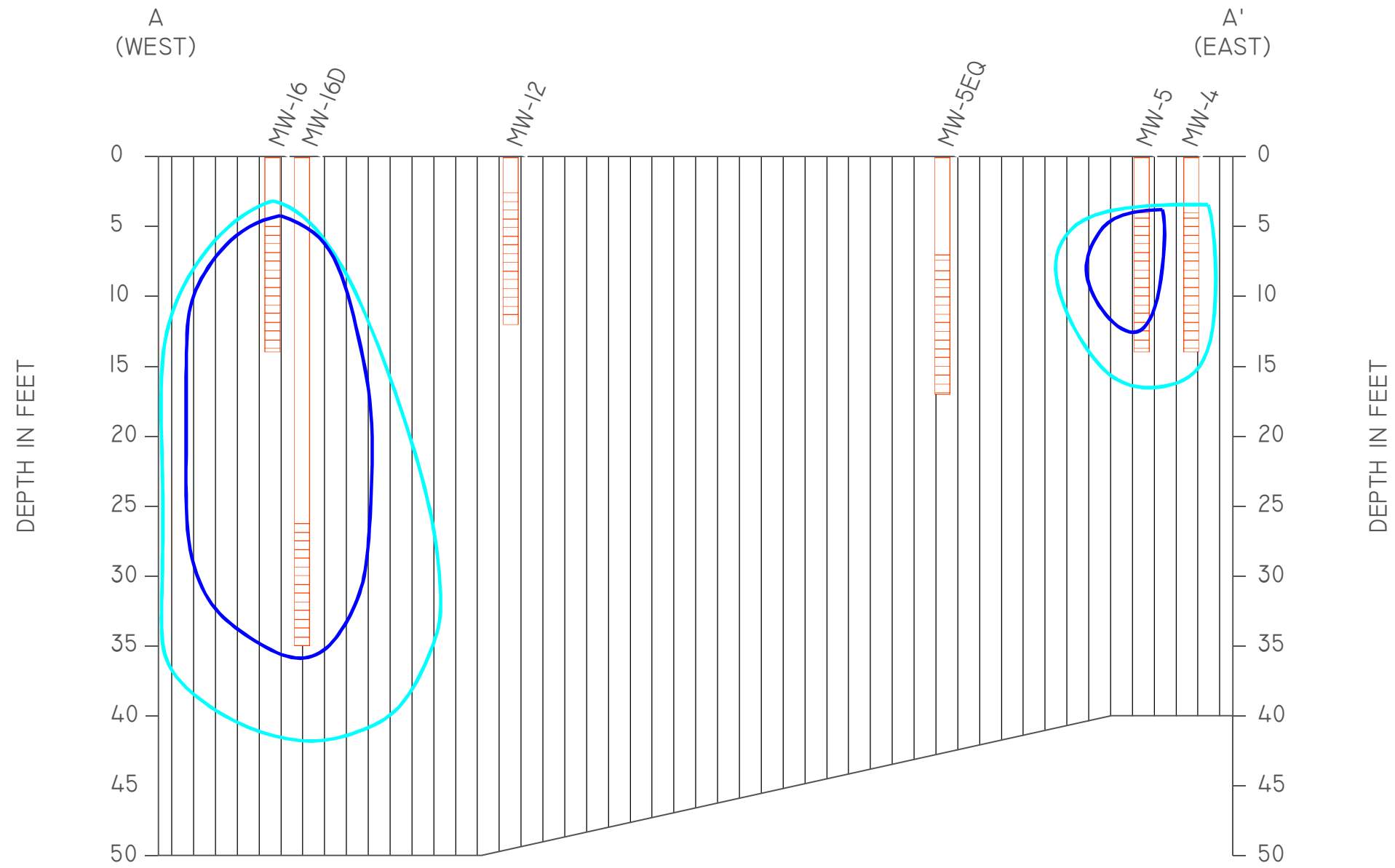


LAUNDRY BASKET
300 S MAIN STREET
LUCK, WI

FIGURE 8 : CROSS SECTION OVERVIEW

PROJECT No. 11003	DRAWN BY: CJK	DATE: 12/15/2023
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DRAWING FILE: Q:\11000-11099\11003 - WDNR - LAUNDRY BASKET - GW MONITORING\DWG\11003-X SECTION.DWG LAYOUT: ENV_H0RZ-1X17 (2) PLOTTED: Dec 15, 2023 - 11:35AM PLOTTED BY: CHASEK



LEGEND

0 200
SCALE: 1" = 200'

USCS - SM
 NR 140 ENFORCEMENT STANDARD
 NR 140 PREVENTATIVE ACTION LIMIT

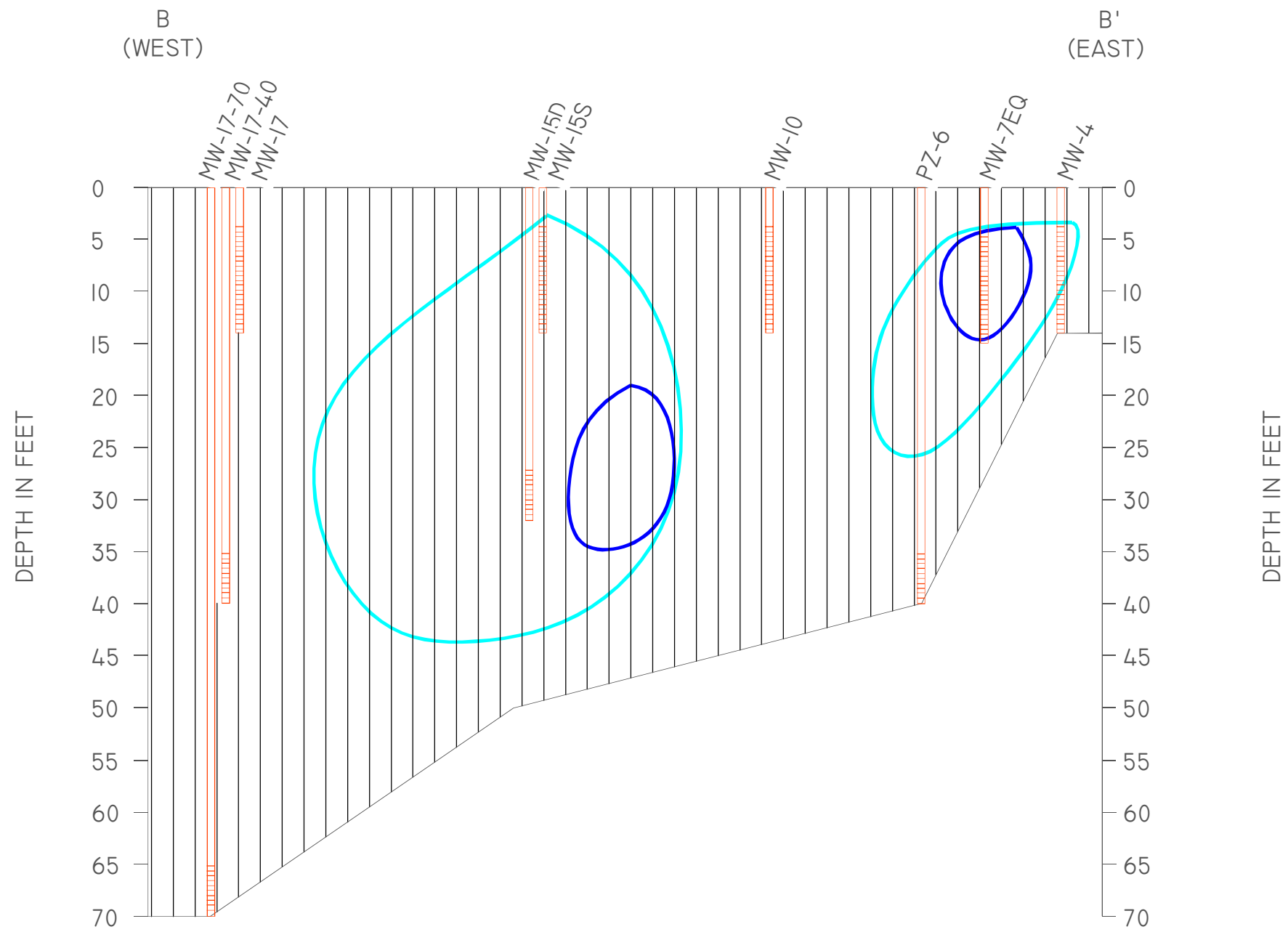


LAUNDRY BASKET
300 S MAIN STREET
LUCK, WI

FIGURE 9 : CROSS SECTION A-A'

PROJECT No. 11003	DRAWN BY: CJK	DATE: 12/15/2023
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DRAWING FILE: Q:\11000-11099\11003 - WDNR - LAUNDRY BASKET - GW MONITORING\DWG\11003-X SECTION.DWG LAYOUT: FIG10 PLOTTED: Dec 21, 2023 - 11:55AM PLOTTED BY: KAYLNF



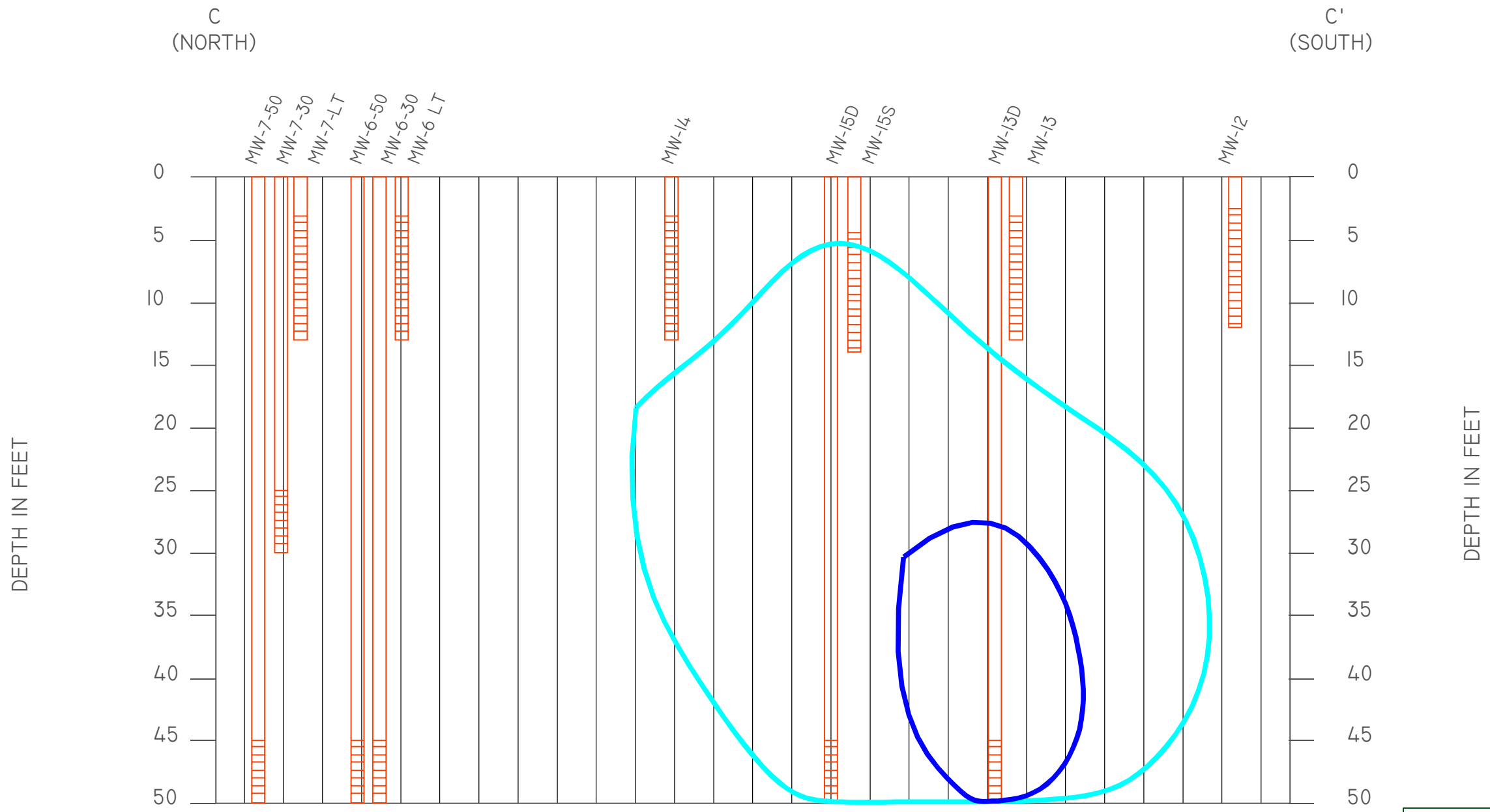
LEGEND

0 200
SCALE: 1" = 200'

USCS - SM
 NR 140 ENFORCEMENT STANDARD (ESTIMATED)
 NR 140 PREVENTATIVE ACTION LIMIT (ESTIMATED)

	LAUNDRY BASKET 300 S MAIN STREET LUCK, WI	
	FIGURE 10: CROSS SECTION B-B''	
PROJECT No. 11003	DRAWN BY: CJK	DATE: 12/15/2023

DRAWING FILE: Q:\11000-11099\11003 - WDNR - LAUNDRY BASKET - GW MONITORING\DWG\11003-X SECTION.DWG LAYOUT: FIG11 PLOTTED: DEC 21, 2023 - 11:56AM PLOTTED BY: KAYLINF



LEGEND

0 100
SCALE: 1" = 100'

USCS - SM
 NR 140 ENFORCEMENT STANDARD (ESTIMATED)
 NR 140 PREVENTATIVE ACTION LIMIT (ESTIMATED)

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ENGINEERING, SURVEYING

LAUNDRY BASKET
300 S MAIN STREET
LUCK, WI

FIGURE II : CROSS SECTION C-C'

PROJECT No. 11003	DRAWN BY: CJK	DATE: 12/15/2023
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APPENDIX A

METHODS AND PROCEDURES



METHODS AND PROCEDURES
FOR
LOW-FLOW GROUNDWATER SAMPLING

WATER LEVEL

Groundwater level measurements were obtained by using an electronic measuring device which indicated when a probe is in contact by lowering the probe into the well until the instrument indicated that the water surface has been encountered, and the distance from the top of the well to the probe was measured. All measurements were reported to the nearest 0.01 foot.

PURGING, SAMPLING AND CHAIN OF CUSTODY

Disposable ¼” polyethylene tubing is inserted to the screen and connected to a peristaltic pump. The tubing is connected to a flow cell where a YSI Multi-meter is inserted. The YSI measures temperature, conductivity, dissolved oxygen, pH and redox potential. Water is pumped slowly and samples are collected after field measurements stabilize.

Water samples are collected directly from the tubing. If the well is purged dry, it is allowed to recharge and then sampled. Samples are labeled and placed in a cooler to be preserved at approximately 4 degrees C. Samples are accompanied by Chain of Custody records.

Upon completion of a sample, a chain of custody log is initiated. The chain of custody record includes the following information: project name, work order number, shipped by, shipped to, sampling point, location, field ID number, date and time taken, sample type, number of containers, analysis required, sampler (s) signature (s), etc. As few people as possible handle the samples.

The sample tubing is discarded after each sample and new tubing is used on each well.

METHODS AND PROCEDURES
FOR
POTABLE WELL WATER SAMPLING

PURGING, SAMPLING A POTABLE WELL FROM A TAP

A sampling tap is located as close as possible to the pressure tank and before any filtration/treatment system. Water is run for at least thirty (30) minutes from the tap to become cold before collecting any samples. This allows for the stagnant water to be flushed out of the pressure tank and be replaced by freshly pumped water. No filters, aerators, or other devices were present on the tap. Samples are labeled and placed in a cooler to be preserved at approximately 4 degrees C. Latex gloves are worn during all sample collection procedures. Samples are accompanied by Chain of Custody records.

CHAIN OF CUSTODY

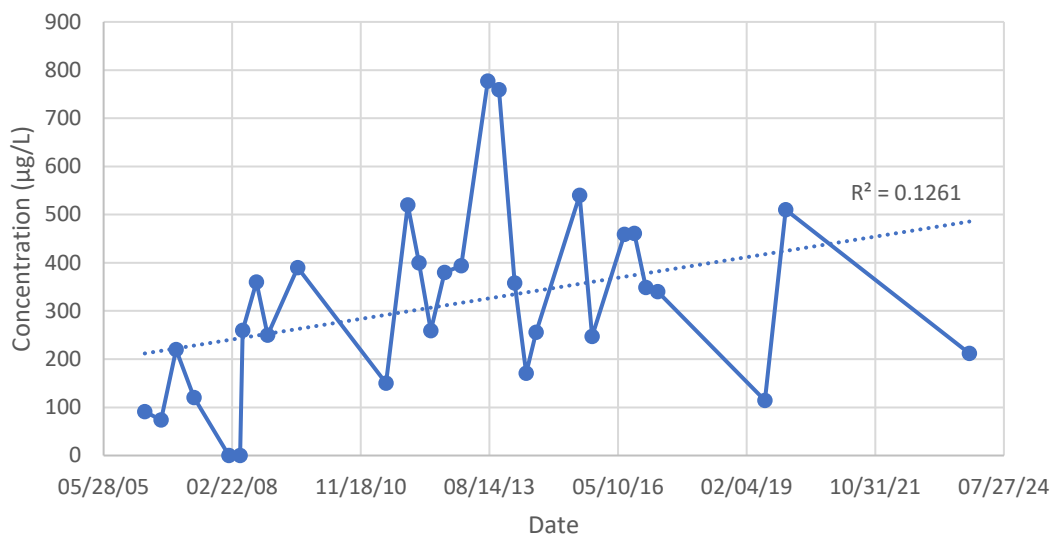
Upon completion of a sample, a chain of custody log is initiated. The chain of custody record includes the following information: project name, work order number, shipped by, shipped to, sampling point, location, field ID number, date and time taken, sample type, number of containers, analysis required, sampler (s) signature (s), etc. As few people as possible handle the samples.

APPENDIX B

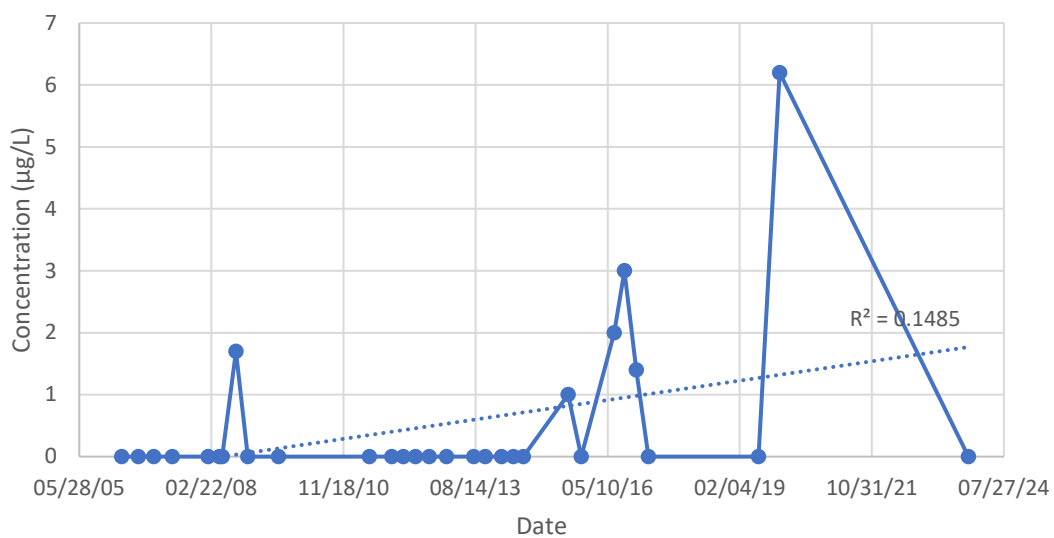
GRAPHS DEPICTING CVOC CONCENTRATIONS OVER TIME



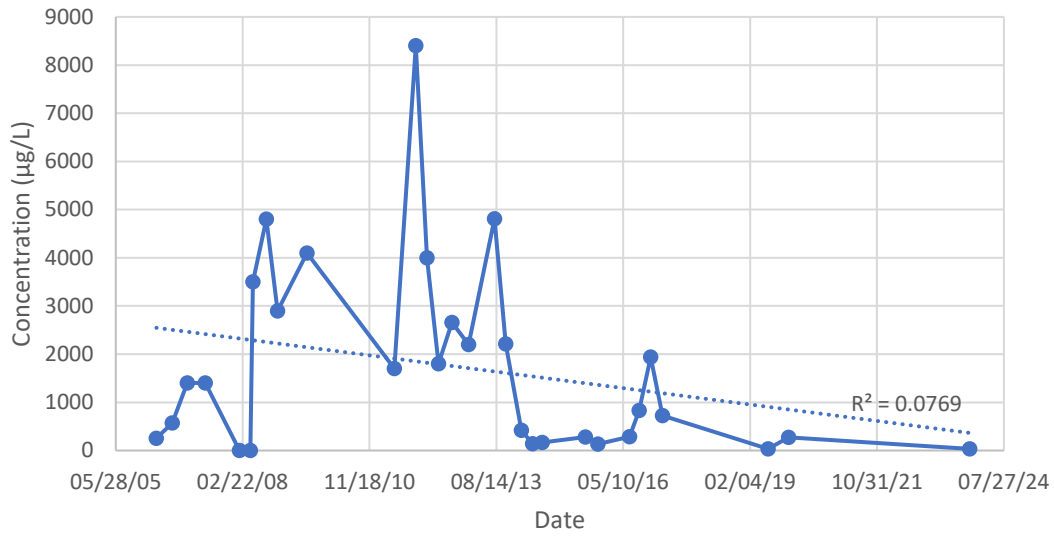
MW-1 (cis-1,2-Dichloroethene)



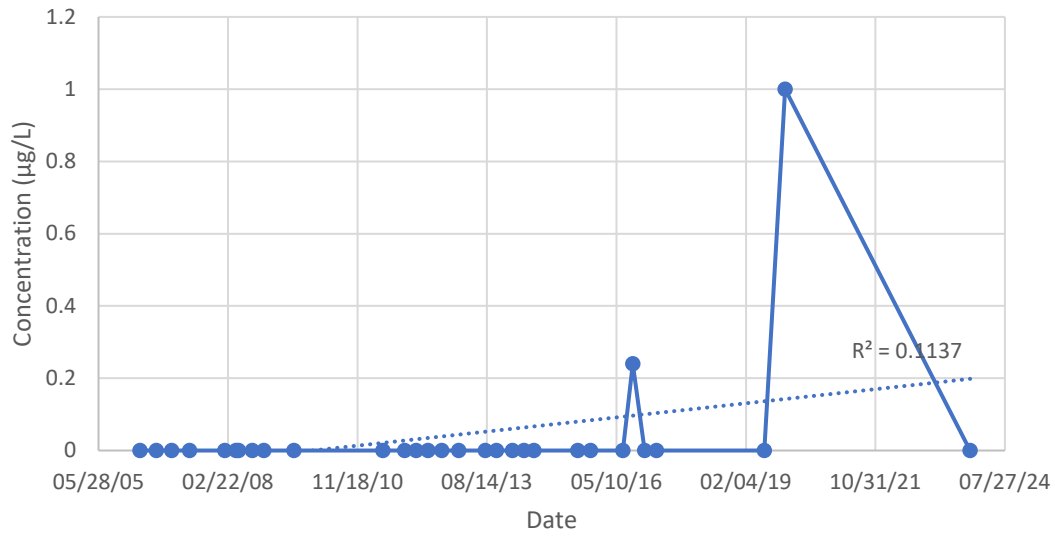
MW-1 (trans-1,2-Dichloroethene)



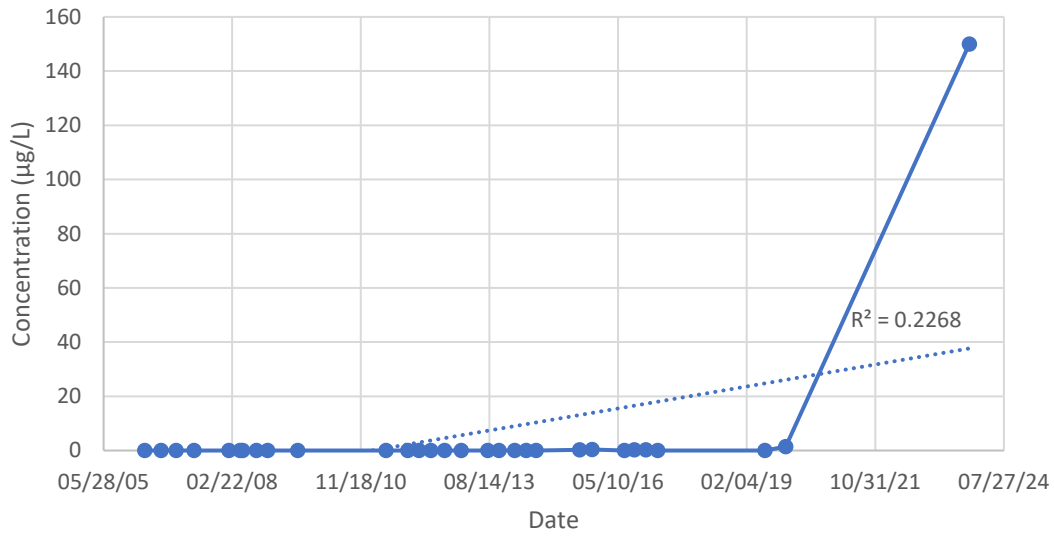
MW-1 (Tetrachloroethene [PCE])



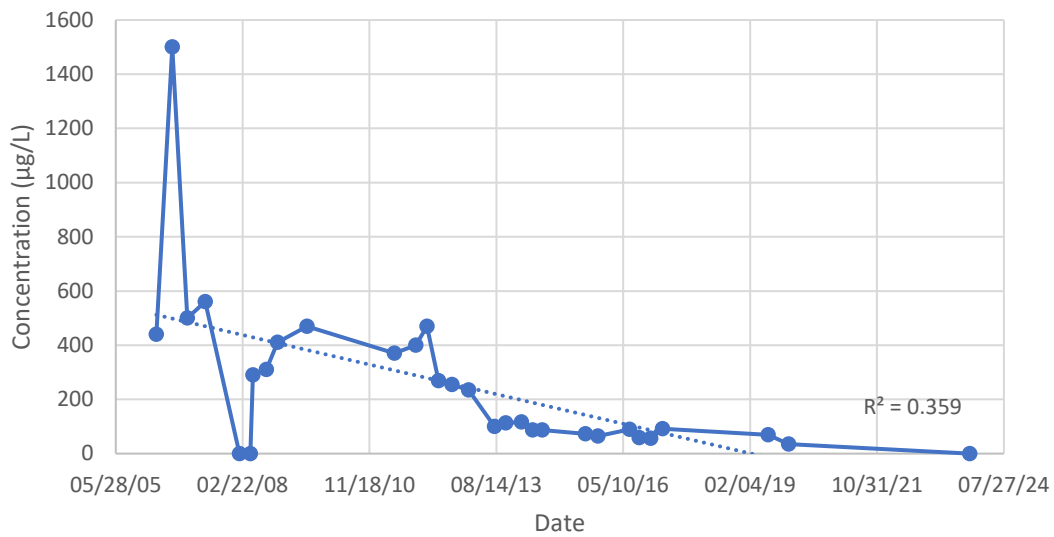
MW-1 (Vinyl Chloride)



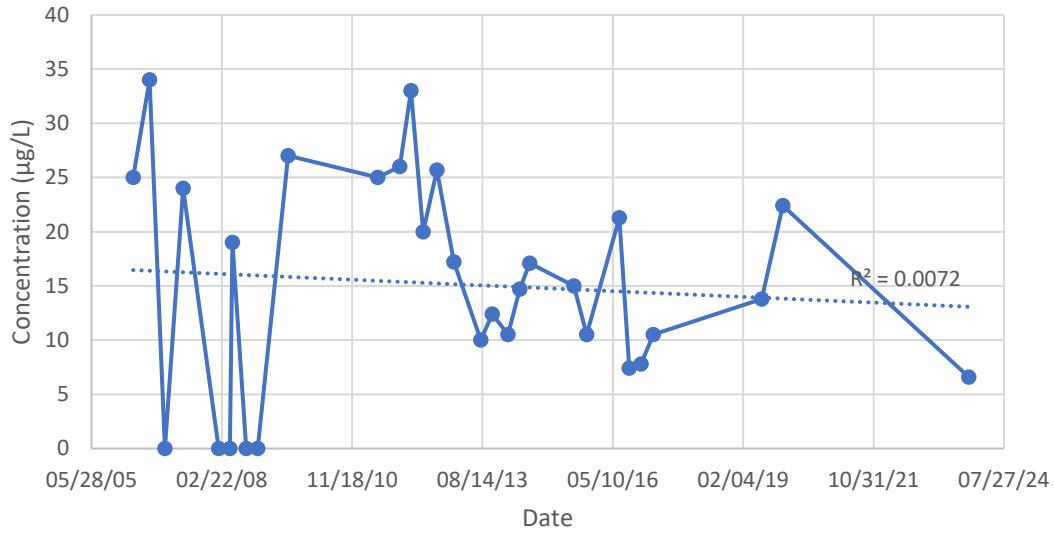
MW-5 (trans-1,2-Dichloroethene)

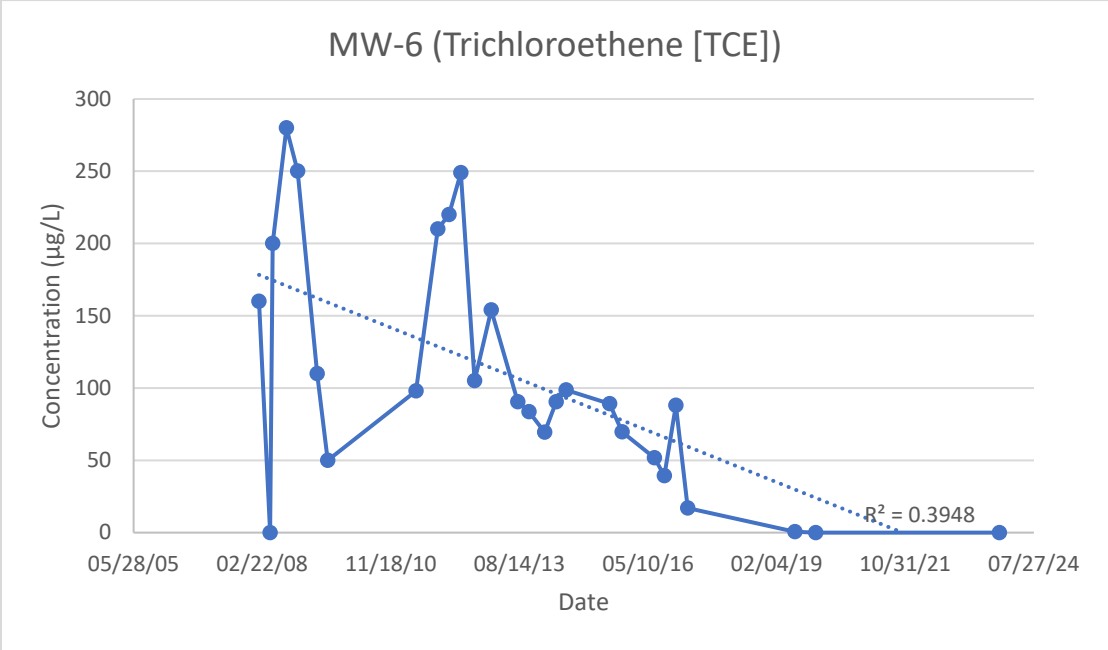
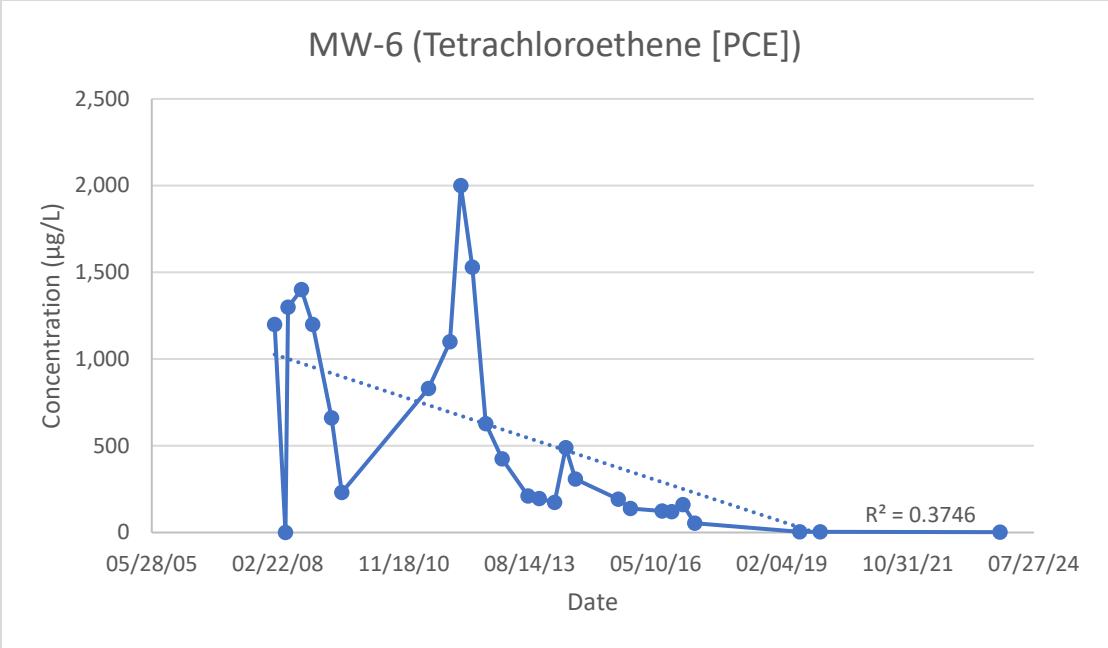


MW-5 (Tetrachloroethene [PCE])

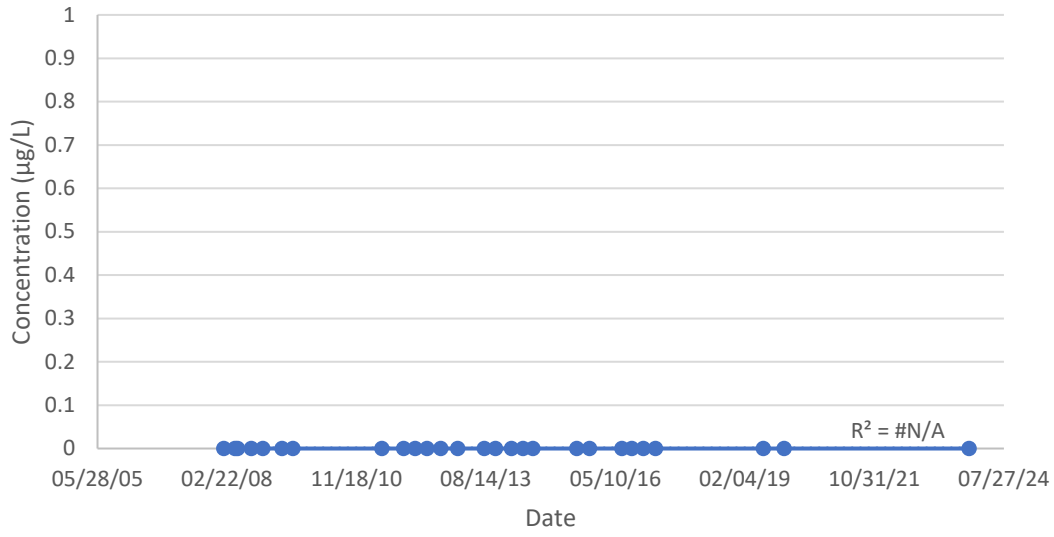


MW-5 (Trichloroethene [TCE])

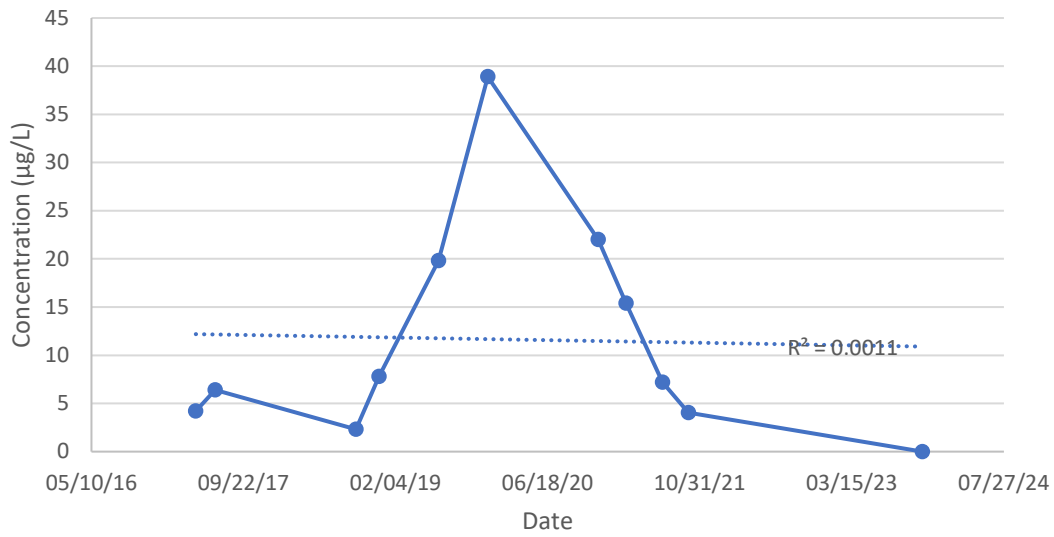




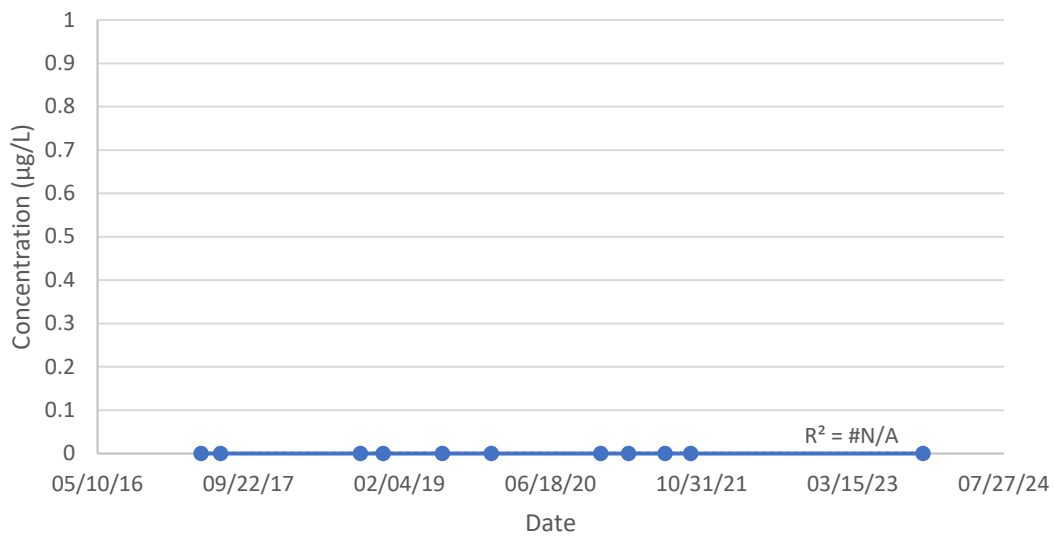
MW-6 (Vinyl Chloride)



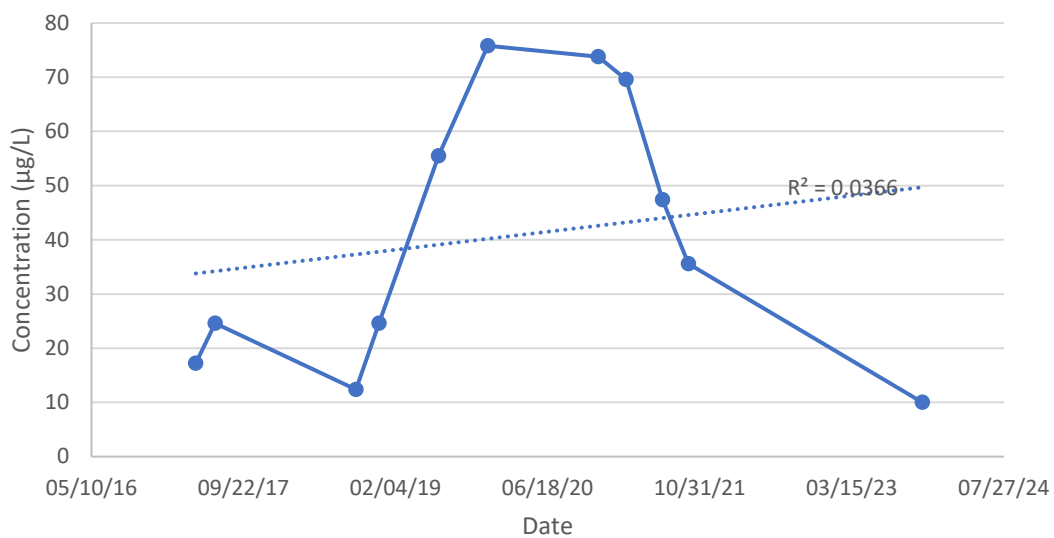
MW-13D (cis-1,2-Dichloroethene)



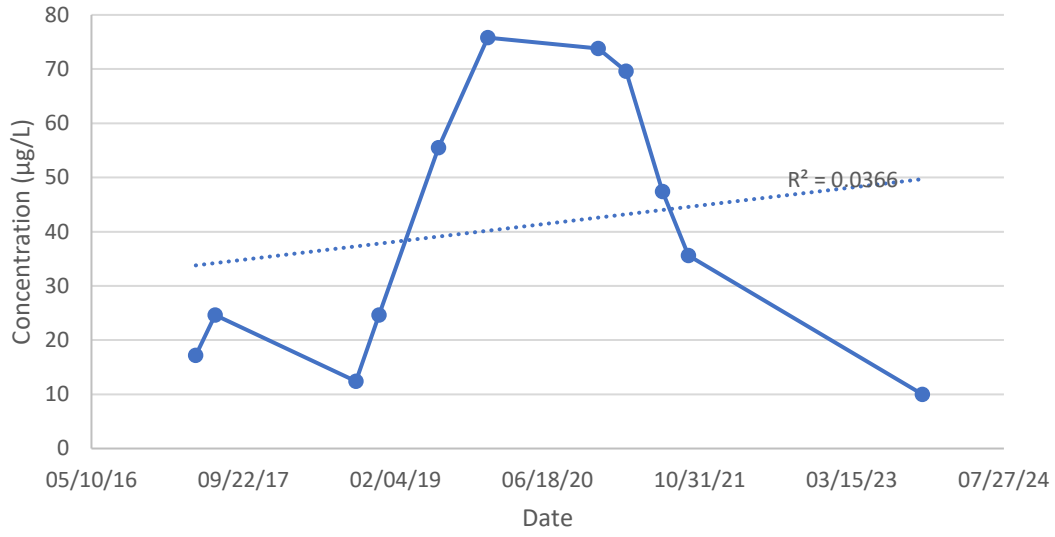
MW-13D (trans-1,2-Dichloroethene)



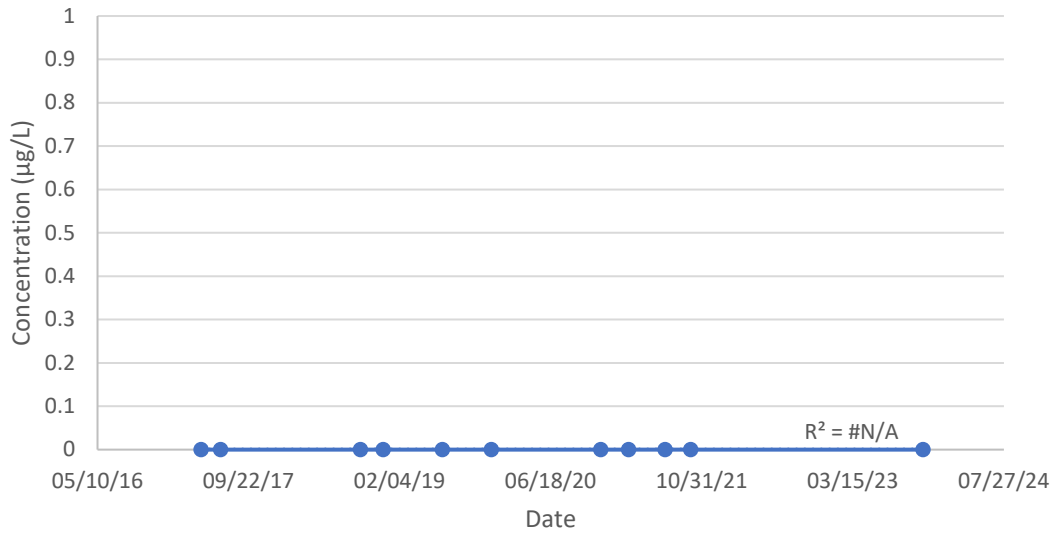
MW-13D (Tetrachloroethene [PCE])



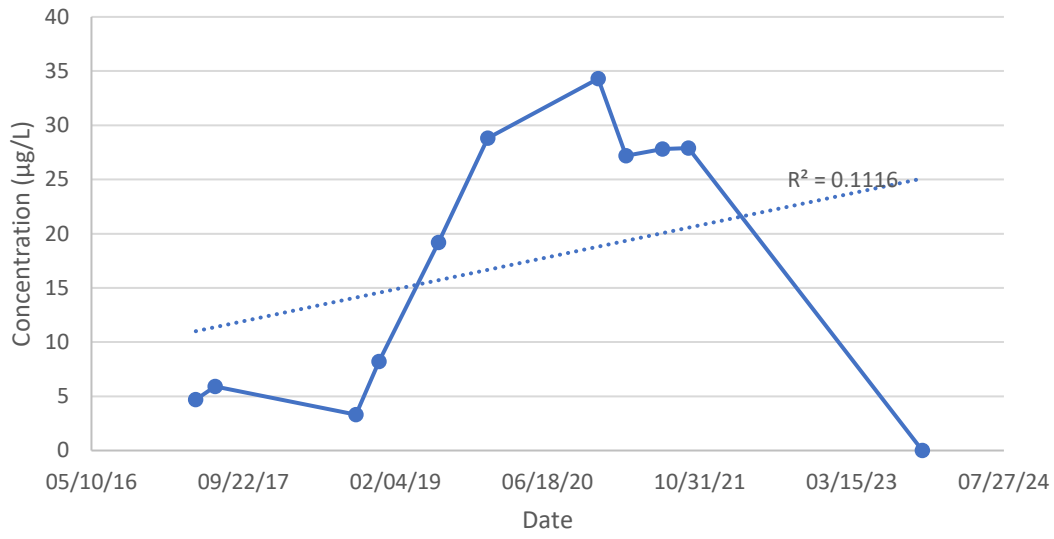
MW-13D (Trichloroethene [TCE])



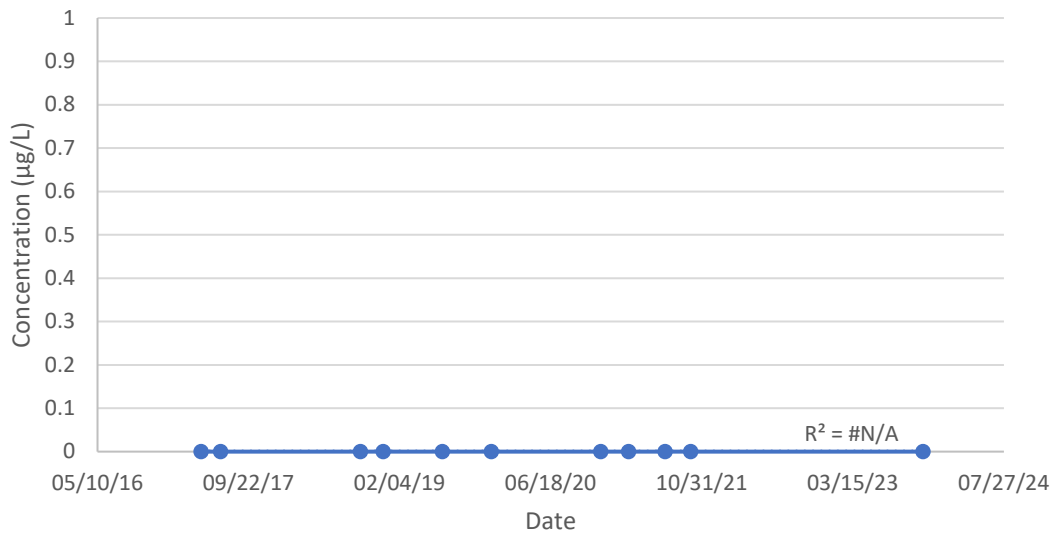
MW-13D (Vinyl Chloride)



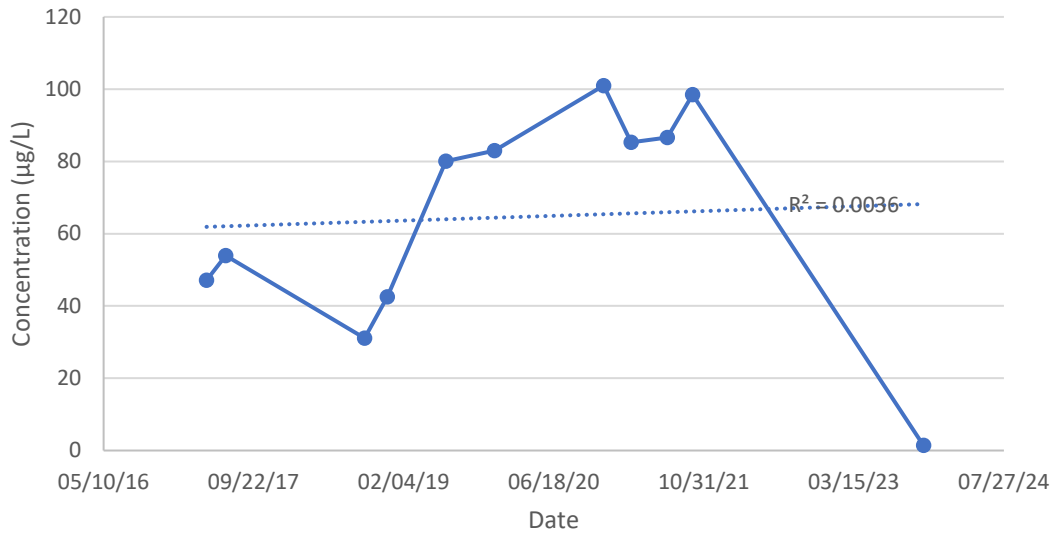
MW-15D (cis-1,2-Dichloroethene)



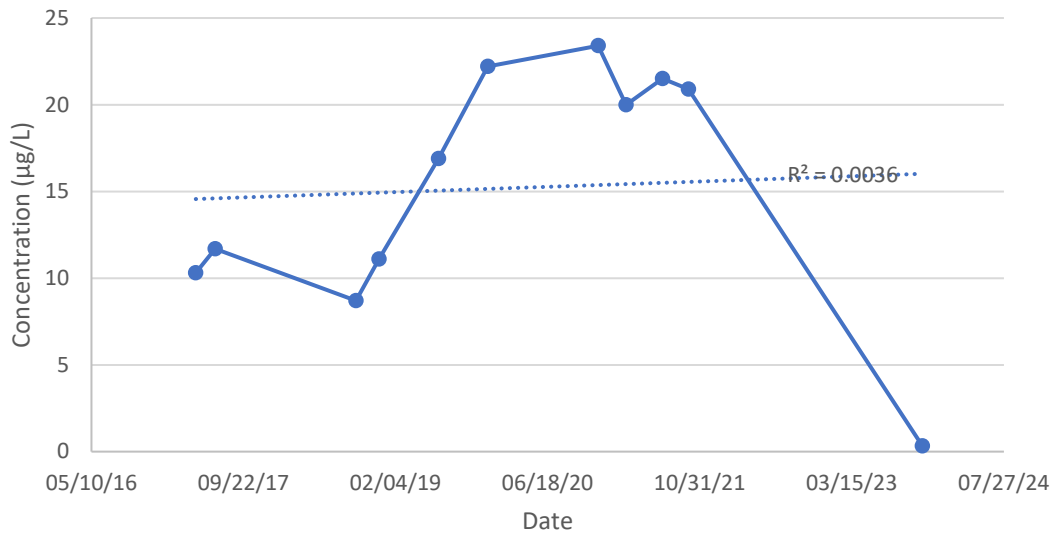
MW-15D (trans-1,2-Dichloroethene)



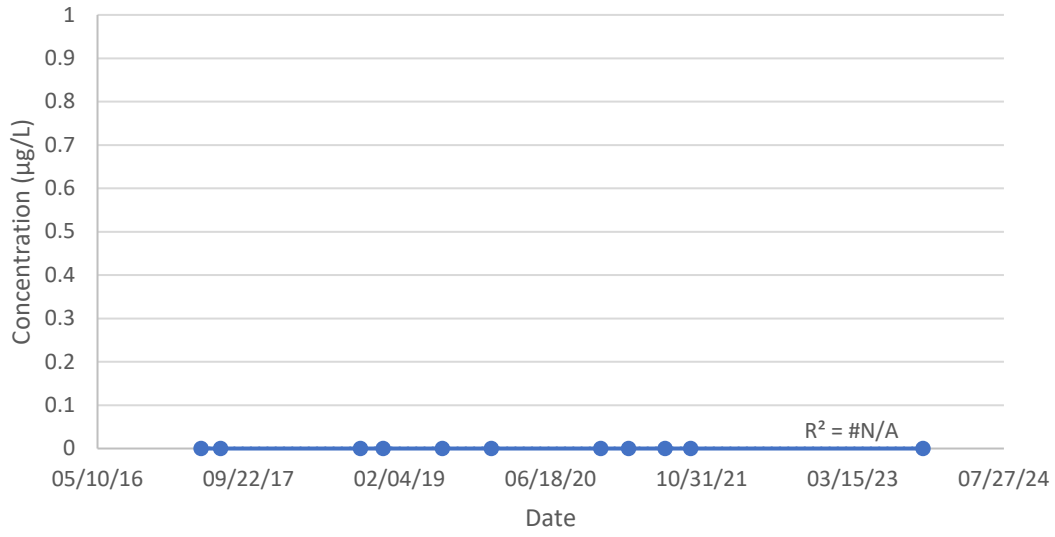
MW-15D (Tetrachloroethene [PCE])



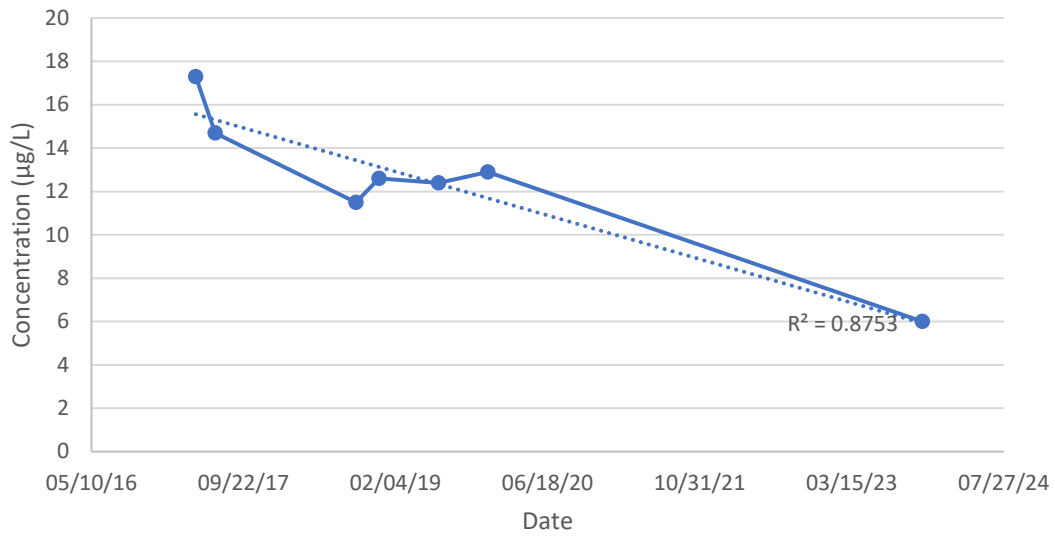
MW-15D (Trichloroethene [TCE])



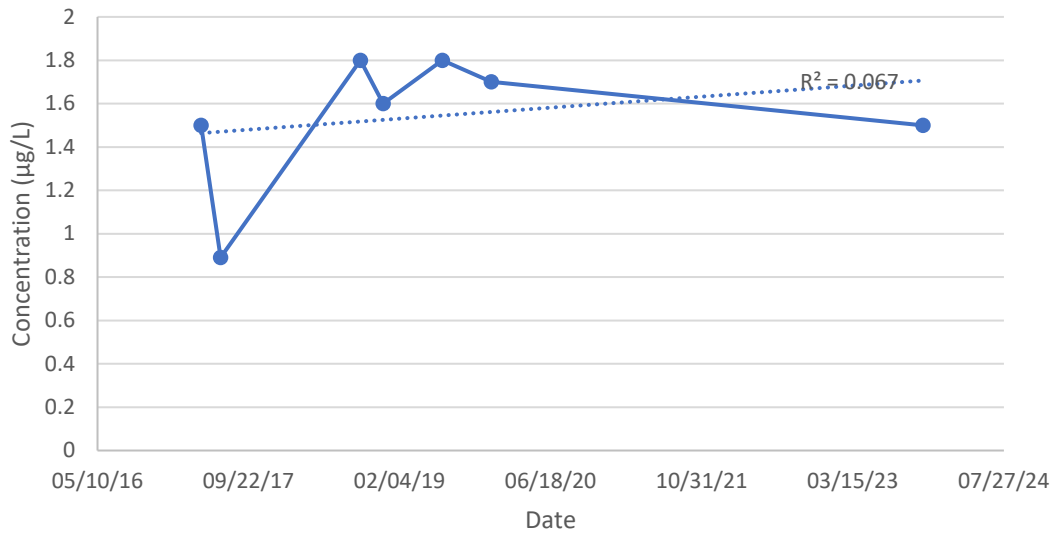
MW-15D (Vinyl Chloride)



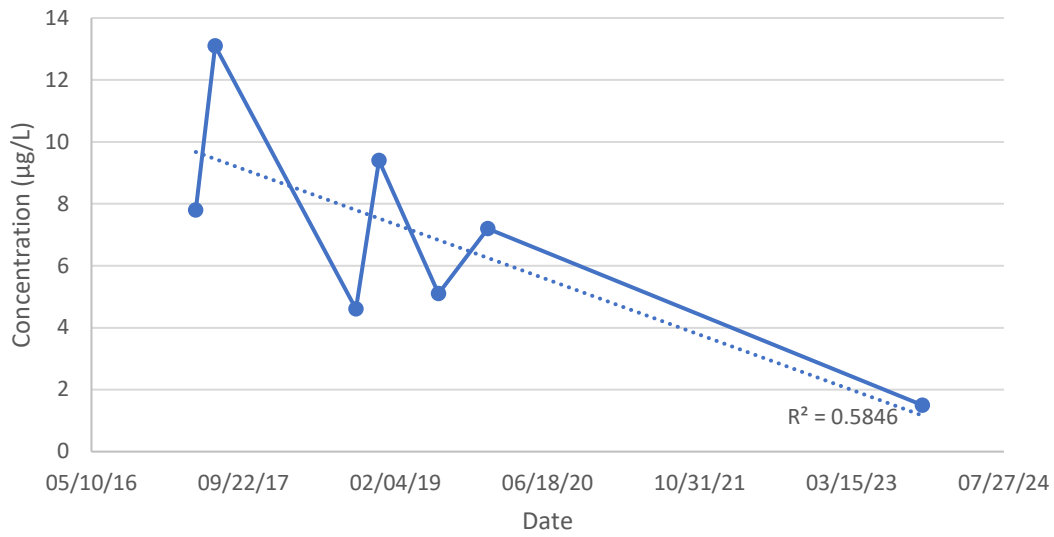
MW-16D (cis-1,2-Dichloroethene)



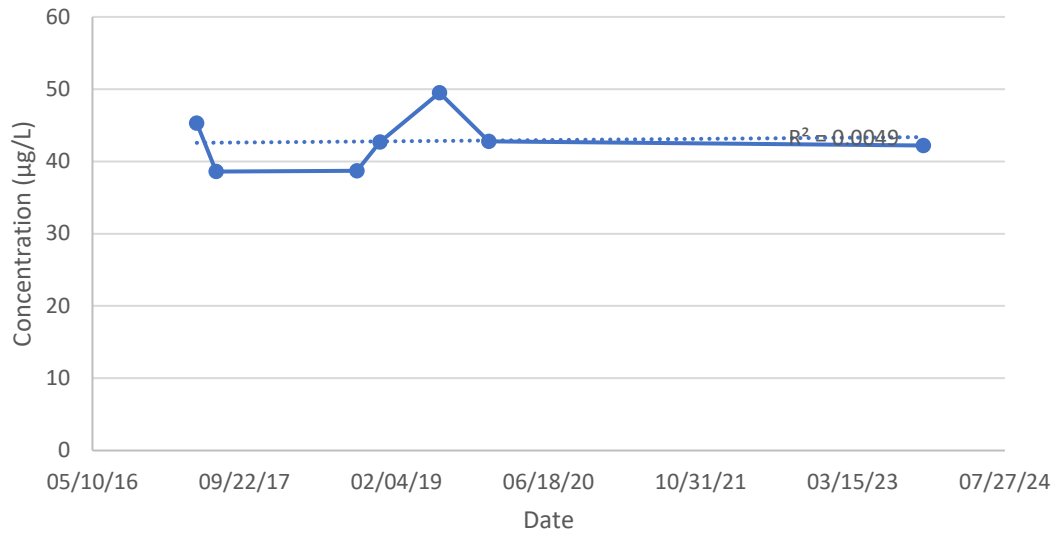
MW-16D (Trans-1,2-Dichloroethene)



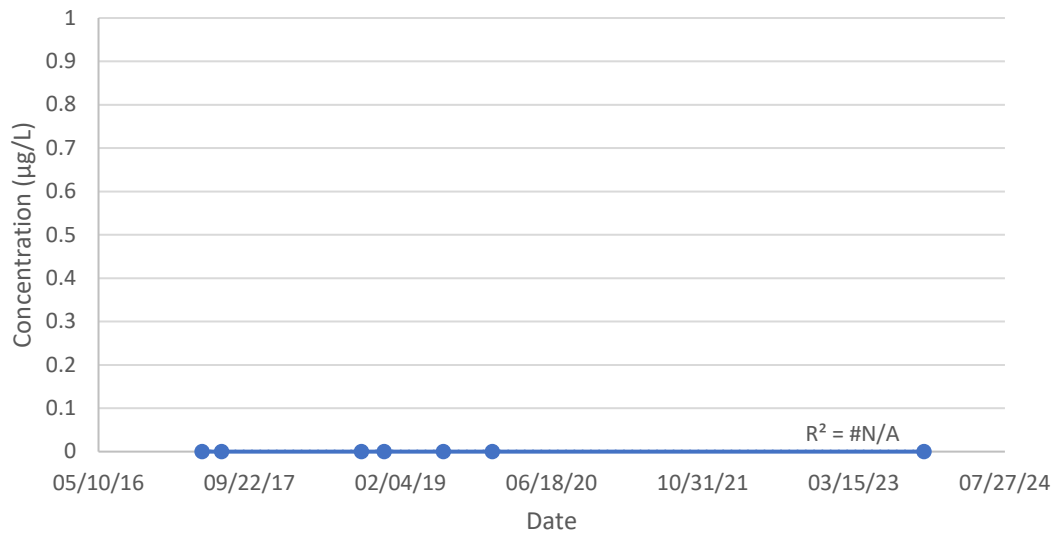
MW-16D (Tetrachloroethene [PCE])



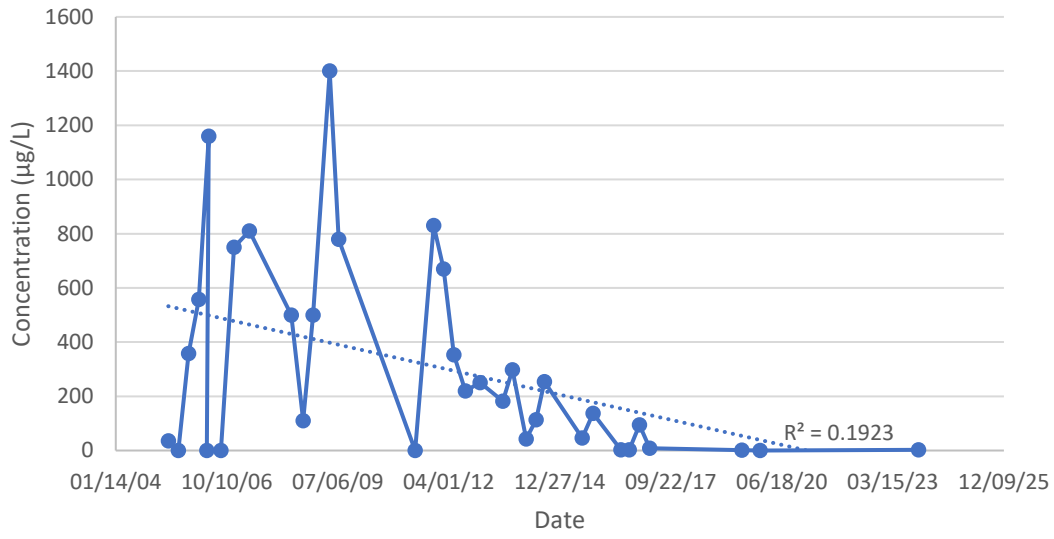
MW-16D (Trichloroethene [TCE])



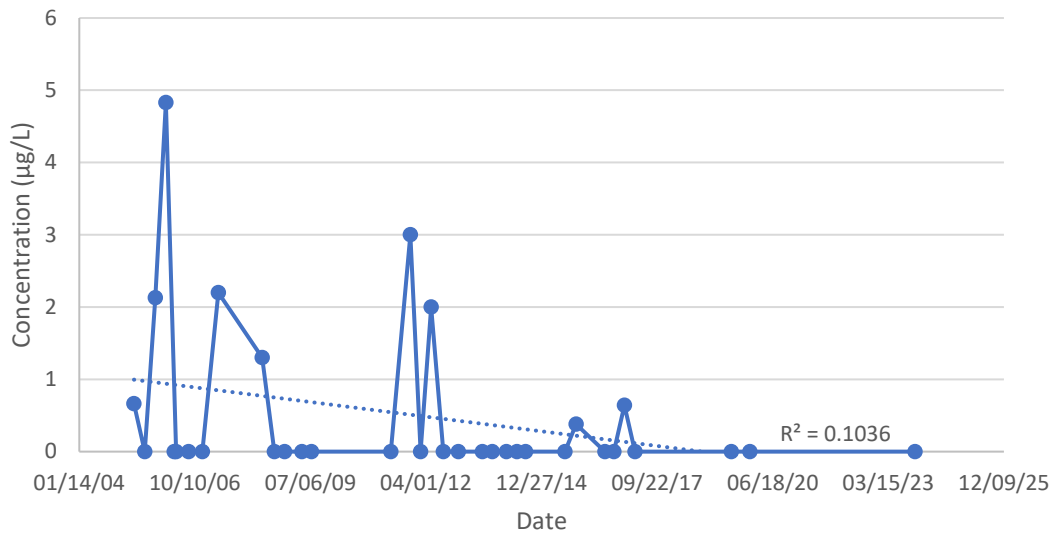
MW-16D (Vinyl Chloride)



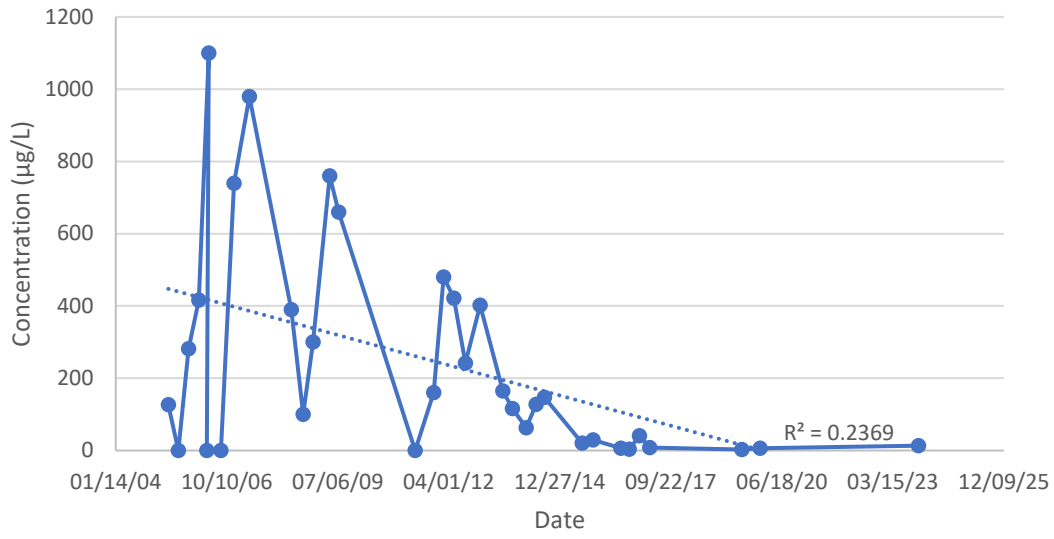
MW-7EQ (cis-1,2-Dichloroethene)



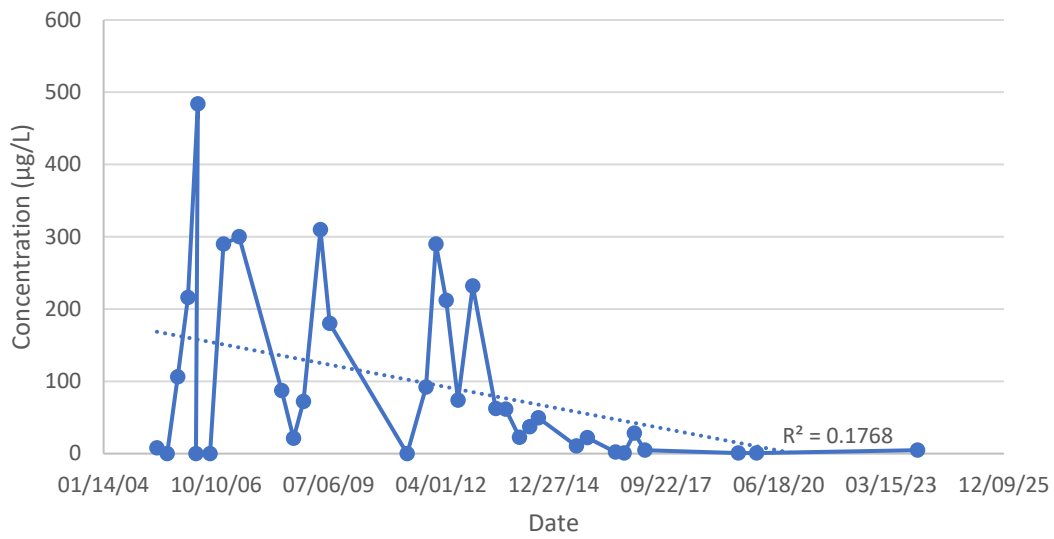
MW-7EQ (trans-1,2-Dichloroethene)



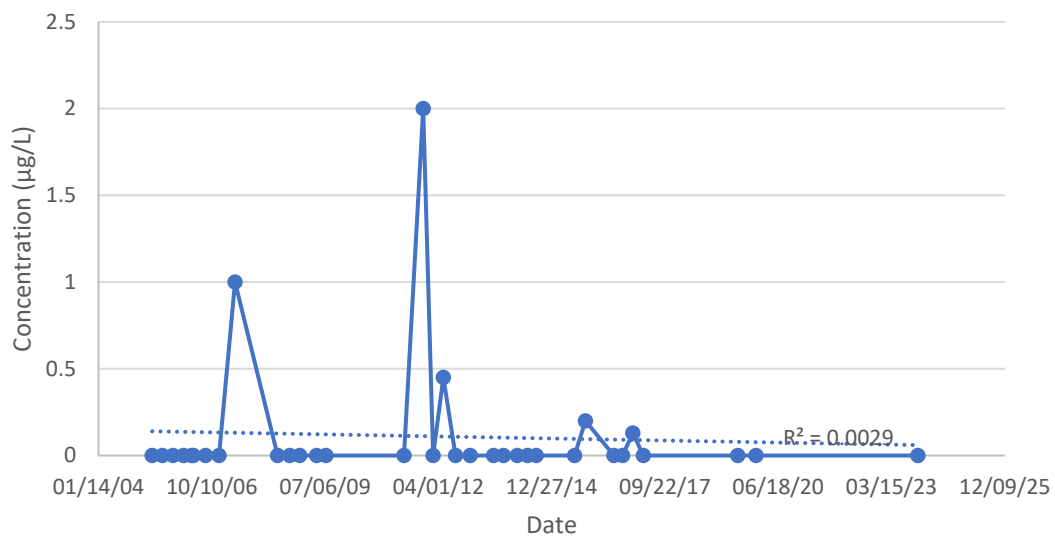
MW-7EQ (Tetrachloroethene [PCE])



MW-7EQ (Trichloroethene [TCE])



MW-7EQ (Vinyl Chloride)



APPENDIX C

LABORATORY ANALYTICAL REPORT





November 20, 2023

DAVID LARSEN
REI
4080 NORTH 20TH AVENUE
Wausau, WI 54401

RE: Project: 11003 WDNR LAUNDRY BASKET
Pace Project No.: 40270618

Dear DAVID LARSEN:

Enclosed are the analytical results for sample(s) received by the laboratory on November 04, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,

Brian Basten
brian.basten@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Brian Bailey, REI Engineering



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

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

South Carolina Certification #: 83006001

Texas Certification #: T104704529-21-8

Virginia VELAP Certification ID: 11873

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-21-00008

Federal Fish & Wildlife Permit #: 51774A

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SAMPLE SUMMARY

Project: 11003 WDNR LAUNDRY BASKET
Pace Project No.: 40270618

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40270618001	MW-1	Water	11/01/23 09:20	11/04/23 08:45
40270618002	MW-2	Water	11/01/23 08:30	11/04/23 08:45
40270618003	MW-3	Water	11/01/23 10:45	11/04/23 08:45
40270618004	MW-4	Water	11/01/23 11:20	11/04/23 08:45
40270618005	MW-5	Water	11/01/23 10:50	11/04/23 08:45
40270618006	MW-6	Water	11/02/23 17:00	11/04/23 08:45
40270618007	MW-7	Water	11/02/23 14:40	11/04/23 08:45
40270618008	MW-8	Water	11/02/23 16:20	11/04/23 08:45
40270618009	MW-9	Water	11/02/23 18:00	11/04/23 08:45
40270618010	MW-10	Water	11/02/23 14:00	11/04/23 08:45
40270618011	MW-11	Water	11/01/23 12:10	11/04/23 08:45
40270618012	MW-12	Water	11/01/23 17:30	11/04/23 08:45
40270618013	MW-13	Water	11/02/23 13:00	11/04/23 08:45
40270618014	MW-13D	Water	11/02/23 12:40	11/04/23 08:45
40270618015	MW-14	Water	11/02/23 13:30	11/04/23 08:45
40270618016	MW-15S	Water	11/02/23 11:10	11/04/23 08:45
40270618017	MW-15D	Water	11/02/23 10:50	11/04/23 08:45
40270618018	MW-16S	Water	11/02/23 12:10	11/04/23 08:45
40270618019	MW-16D	Water	11/02/23 11:50	11/04/23 08:45
40270618020	MW-17	Water	11/01/23 15:30	11/04/23 08:45
40270618021	MW-17-40	Water	11/01/23 16:00	11/04/23 08:45
40270618022	MW-17-70	Water	11/01/23 16:30	11/04/23 08:45
40270618023	MW-6 (LT)	Water	11/02/23 10:10	11/04/23 08:45
40270618024	MW-6-30 (LT)	Water	11/02/23 09:40	11/04/23 08:45
40270618025	MW-6-50 (LT)	Water	11/02/23 09:10	11/04/23 08:45
40270618026	MW-7 (LT)	Water	11/02/23 07:30	11/04/23 08:45
40270618027	MW-7-30 (LT)	Water	11/02/23 08:10	11/04/23 08:45
40270618028	MW-7-50 (LT)	Water	11/02/23 08:40	11/04/23 08:45
40270618029	MW-10 (LT)	Water	11/01/23 13:50	11/04/23 08:45
40270618030	MW-10-30 (LT)	Water	11/01/23 14:20	11/04/23 08:45
40270618031	MW-10-50 (LT)	Water	11/01/23 14:50	11/04/23 08:45
40270618032	PZ-6	Water	11/02/23 16:40	11/04/23 08:45
40270618033	PZ-7	Water	11/02/23 14:20	11/04/23 08:45
40270618034	PZ-8	Water	11/02/23 15:50	11/04/23 08:45
40270618035	PZ-9	Water	11/02/23 17:30	11/04/23 08:45
40270618036	MW-5 (EQ)	Water	11/02/23 15:20	11/04/23 08:45
40270618037	MW-7 (EQ)	Water	11/01/23 12:40	11/04/23 08:45

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SAMPLE SUMMARY

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40270618038	MUNI #2	Water	11/01/23 13:15	11/04/23 08:45
40270618039	MW-1 DUP	Water	11/01/23 09:25	11/04/23 08:45
40270618040	MW-7 (LT) DUP	Water	11/02/23 07:35	11/04/23 08:45
40270618041	MW-7 DUP	Water	11/02/23 14:45	11/04/23 08:45
40270618042	TRIP BLANK	Water	11/02/23 00:00	11/04/23 08:45

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SAMPLE ANALYTE COUNT

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40270618001	MW-1	EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8
		HACH 8146	HNT	1
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
		SM 5310C	TJJ	1
40270618002	MW-2	EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8
		HACH 8146	HNT	1
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
		SM 5310C	TJJ	1
40270618003	MW-3	EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8
		HACH 8146	HNT	1
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
		SM 5310C	TJJ	1
40270618004	MW-4	EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8
		HACH 8146	HNT	1
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
		SM 5310C	TJJ	1
40270618005	MW-5	EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8
		HACH 8146	HNT	1
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
		SM 5310C	TJJ	1
40270618006	MW-6	EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8
		HACH 8146	HNT	1
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
		SM 5310C	TJJ	1
40270618007	MW-7	EPA 8015B Modified	KHB	3

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SAMPLE ANALYTE COUNT

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 8260	SMT	8
		HACH 8146	HNT	1
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
		SM 5310C	TJJ	1
40270618008	MW-8	EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8
		HACH 8146	HNT	1
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
		SM 5310C	TJJ	1
40270618009	MW-9	EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8
		HACH 8146	HNT	1
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
		SM 5310C	TJJ	1
40270618010	MW-10	EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8
		HACH 8146	HNT	1
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
		SM 5310C	TJJ	1
40270618011	MW-11	EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8
		HACH 8146	HNT	1
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
		SM 5310C	TJJ	1
40270618012	MW-12	EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8
		HACH 8146	HNT	1
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
		SM 5310C	TJJ	1
40270618013	MW-13	EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8

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SAMPLE ANALYTE COUNT

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40270618014	MW-13D	HACH 8146	HNT	1
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
		SM 5310C	TJJ	1
		EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8
		HACH 8146	HNT	1
		EPA 300.0	HMB	1
40270618015	MW-14	EPA 353.2	MT	1
		SM 5310C	TJJ	1
		EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8
		HACH 8146	HNT	1
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
		SM 5310C	TJJ	1
40270618016	MW-15S	EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8
		HACH 8146	HNT	1
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
		SM 5310C	TJJ	1
		EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8
40270618017	MW-15D	HACH 8146	HNT	1
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
		SM 5310C	TJJ	1
		EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8
		HACH 8146	HNT	1
		EPA 300.0	HMB	1
40270618018	MW-16S	EPA 353.2	MT	1
		SM 5310C	TJJ	1
		EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8
		HACH 8146	HNT	1
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
		SM 5310C	TJJ	1
40270618019	MW-16D	EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8
		HACH 8146	HNT	1

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SAMPLE ANALYTE COUNT

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40270618020	MW-17	EPA 300.0	HMB	1
		EPA 353.2	MT	1
		SM 5310C	TJJ	1
		EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8
		HACH 8146	HNT	1
		EPA 300.0	HMB	1
40270618021	MW-17-40	EPA 353.2	MT	1
		SM 5310C	TJJ	1
		EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8
		HACH 8146	HNT	1
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40270618022	MW-17-70	SM 5310C	TJJ	1
		EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8
		HACH 8146	HNT	1
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
		SM 5310C	TJJ	1
40270618023	MW-6 (LT)	EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8
		HACH 8146	HNT	1
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
		SM 5310C	TJJ	1
		40270618024	MW-6-30 (LT)	EPA 8015B Modified
EPA 8260	SMT			8
HACH 8146	HNT			1
EPA 300.0	HMB			1
EPA 353.2	MT			1
SM 5310C	TJJ			1
40270618025	MW-6-50 (LT)			EPA 8015B Modified
		EPA 8260	SMT	8
		HACH 8146	HNT	1
		EPA 300.0	HMB	1

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SAMPLE ANALYTE COUNT

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40270618026	MW-7 (LT)	EPA 353.2	MT	1
		SM 5310C	TJJ	1
		EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8
		HACH 8146	HNT	1
		EPA 300.0	HMB	1
40270618027	MW-7-30 (LT)	EPA 353.2	MT	1
		SM 5310C	TJJ	1
		EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8
		HACH 8146	HNT	1
		EPA 300.0	HMB	1
40270618028	MW-7-50 (LT)	EPA 353.2	MT	1
		SM 5310C	TJJ	1
		EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8
		HACH 8146	HNT	1
		EPA 300.0	HMB	1
40270618029	MW-10 (LT)	EPA 353.2	MT	1
		SM 5310C	TJJ	1
		EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8
		HACH 8146	HNT	1
		EPA 300.0	HMB	1
40270618030	MW-10-30 (LT)	EPA 353.2	MT	1
		SM 5310C	TJJ	1
		EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8
		HACH 8146	HNT	1
		EPA 300.0	HMB	1
40270618031	MW-10-50 (LT)	EPA 353.2	MT	1
		SM 5310C	TJJ	1
		EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8
		HACH 8146	HNT	1
		EPA 300.0	HMB	1
		EPA 353.2	MT	1

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SAMPLE ANALYTE COUNT

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40270618032	PZ-6	SM 5310C	TJJ	1
		EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8
		HACH 8146	HNT	1
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40270618033	PZ-7	SM 5310C	TJJ	1
		EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8
		HACH 8146	HNT	1
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40270618034	PZ-8	SM 5310C	TJJ	1
		EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8
		HACH 8146	HNT	1
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40270618035	PZ-9	SM 5310C	TJJ	1
		EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8
		HACH 8146	HNT	1
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40270618036	MW-5 (EQ)	SM 5310C	TJJ	1
		EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8
		HACH 8146	HNT	1
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40270618037	MW-7 (EQ)	SM 5310C	TJJ	1
		EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8
		HACH 8146	HNT	1
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
		SM 5310C	TJJ	1

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SAMPLE ANALYTE COUNT

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40270618038	MUNI #2	EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8
		HACH 8146	HNT	1
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
		SM 5310C	TJJ	1
40270618039	MW-1 DUP	EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8
		HACH 8146	HNT	1
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
		SM 5310C	TJJ	1
40270618040	MW-7 (LT) DUP	EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8
		HACH 8146	HNT	1
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
		SM 5310C	TJJ	1
40270618041	MW-7 DUP	EPA 8015B Modified	KHB	3
		EPA 8260	SMT	8
		HACH 8146	HNT	1
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
		SM 5310C	TJJ	1
40270618042	TRIP BLANK	EPA 8260	SMT	8

PASI-G = Pace Analytical Services - Green Bay

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ANALYTICAL RESULTS

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Sample: MW-1 **Lab ID: 40270618001** Collected: 11/01/23 09:20 Received: 11/04/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/09/23 09:49	74-84-0	
Ethene	0.71J	ug/L	5.0	0.25	1		11/09/23 09:49	74-85-1	
Methane	1290	ug/L	28.0	5.8	10		11/09/23 12:33	74-82-8	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	212	ug/L	5.0	2.4	5		11/09/23 18:14	156-59-2	
trans-1,2-Dichloroethene	<2.6	ug/L	5.0	2.6	5		11/09/23 18:14	156-60-5	
Tetrachloroethene	36.2	ug/L	5.0	2.0	5		11/09/23 18:14	127-18-4	
Trichloroethene	20.9	ug/L	5.0	1.6	5		11/09/23 18:14	79-01-6	
Vinyl chloride	<0.87	ug/L	5.0	0.87	5		11/09/23 18:14	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		5		11/09/23 18:14	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		5		11/09/23 18:14	2199-69-1	
Toluene-d8 (S)	103	%	70-130		5		11/09/23 18:14	2037-26-5	
Iron, Ferrous									
Analytical Method: HACH 8146 Pace Analytical Services - Green Bay									
Iron, Ferrous	2.5	mg/L	0.50	0.13	10		11/08/23 10:53	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	2.2	mg/L	2.0	0.44	1		11/17/23 08:14	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	<0.059	mg/L	0.25	0.059	1		11/16/23 13:59		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	7.2	mg/L	1.5	0.57	3		11/09/23 09:53	7440-44-0	

Sample: MW-2 **Lab ID: 40270618002** Collected: 11/01/23 08:30 Received: 11/04/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/09/23 09:56	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/09/23 09:56	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		11/09/23 09:56	74-82-8	

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ANALYTICAL RESULTS

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Sample: MW-2 **Lab ID: 40270618002** Collected: 11/01/23 08:30 Received: 11/04/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/09/23 14:38	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/09/23 14:38	156-60-5	
Tetrachloroethene	0.74J	ug/L	1.0	0.41	1		11/09/23 14:38	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/09/23 14:38	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/09/23 14:38	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	111	%	70-130		1		11/09/23 14:38	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		11/09/23 14:38	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		11/09/23 14:38	2037-26-5	
Iron, Ferrous									
Analytical Method: HACH 8146									
Pace Analytical Services - Green Bay									
Iron, Ferrous	0.022J	mg/L	0.050	0.013	1		11/08/23 10:58	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	9.1	mg/L	2.0	0.44	1		11/17/23 08:29	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	2.1	mg/L	0.25	0.059	1		11/16/23 14:00		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	0.97	mg/L	0.50	0.19	1		11/09/23 10:38	7440-44-0	

Sample: MW-3 **Lab ID: 40270618003** Collected: 11/01/23 10:45 Received: 11/04/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/09/23 10:03	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/09/23 10:03	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		11/09/23 10:03	74-82-8	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/09/23 12:22	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/09/23 12:22	156-60-5	
Tetrachloroethene	1.2	ug/L	1.0	0.41	1		11/09/23 12:22	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/09/23 12:22	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/09/23 12:22	75-01-4	

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ANALYTICAL RESULTS

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Sample: MW-3 Lab ID: 40270618003 Collected: 11/01/23 10:45 Received: 11/04/23 08:45 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		11/09/23 12:22	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		11/09/23 12:22	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		11/09/23 12:22	2037-26-5	
Iron, Ferrous									
Analytical Method: HACH 8146									
Pace Analytical Services - Green Bay									
Iron, Ferrous	0.043J	mg/L	0.050	0.013	1		11/08/23 10:59	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	14.8	mg/L	2.0	0.44	1		11/17/23 08:44	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	3.6	mg/L	0.25	0.059	1		11/16/23 14:01		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	2.6	mg/L	0.50	0.19	1		11/09/23 11:25	7440-44-0	

Sample: MW-4 Lab ID: 40270618004 Collected: 11/01/23 11:20 Received: 11/04/23 08:45 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/09/23 10:10	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/09/23 10:10	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		11/09/23 10:10	74-82-8	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/09/23 12:39	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/09/23 12:39	156-60-5	
Tetrachloroethene	1.2	ug/L	1.0	0.41	1		11/09/23 12:39	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/09/23 12:39	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/09/23 12:39	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		11/09/23 12:39	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		11/09/23 12:39	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		11/09/23 12:39	2037-26-5	

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ANALYTICAL RESULTS

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Sample: MW-4 Lab ID: 40270618004 Collected: 11/01/23 11:20 Received: 11/04/23 08:45 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Iron, Ferrous									
Analytical Method: HACH 8146 Pace Analytical Services - Green Bay									
Iron, Ferrous	0.21	mg/L	0.050	0.013	1		11/08/23 11:01	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	5.0	mg/L	2.0	0.44	1		11/17/23 08:59	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	0.73	mg/L	0.25	0.059	1		11/16/23 14:02		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	5.7	mg/L	1.5	0.57	3		11/09/23 11:40	7440-44-0	

Sample: MW-5 Lab ID: 40270618005 Collected: 11/01/23 10:50 Received: 11/04/23 08:45 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/09/23 10:17	74-84-0	
Ethene	2.7J	ug/L	5.0	0.25	1		11/09/23 10:17	74-85-1	
Methane	4100	ug/L	140	28.8	50		11/09/23 12:40	74-82-8	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	2060	ug/L	20.0	9.4	20		11/09/23 18:54	156-59-2	
trans-1,2-Dichloroethene	150	ug/L	20.0	10.6	20		11/09/23 18:54	156-60-5	
Tetrachloroethene	<8.2	ug/L	20.0	8.2	20		11/09/23 18:54	127-18-4	
Trichloroethene	6.6J	ug/L	20.0	6.4	20		11/09/23 18:54	79-01-6	
Vinyl chloride	7.5J	ug/L	20.0	3.5	20		11/09/23 18:54	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		20		11/09/23 18:54	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		20		11/09/23 18:54	2199-69-1	
Toluene-d8 (S)	98	%	70-130		20		11/09/23 18:54	2037-26-5	
Iron, Ferrous									
Analytical Method: HACH 8146 Pace Analytical Services - Green Bay									
Iron, Ferrous	0.52	mg/L	0.050	0.013	1		11/08/23 11:02	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	0.94J	mg/L	2.0	0.44	1		11/17/23 09:14	14808-79-8	

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ANALYTICAL RESULTS

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Sample: MW-5 Lab ID: 40270618005 Collected: 11/01/23 10:50 Received: 11/04/23 08:45 Matrix: Water									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	<0.059	mg/L	0.25	0.059	1		11/16/23 14:02		
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	8.9	mg/L	3.0	1.1	6		11/09/23 11:53	7440-44-0	

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Sample: MW-6 Lab ID: 40270618006 Collected: 11/02/23 17:00 Received: 11/04/23 08:45 Matrix: Water									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/09/23 12:19	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/09/23 12:19	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		11/09/23 12:19	74-82-8	
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/09/23 12:56	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/09/23 12:56	156-60-5	
Tetrachloroethene	2.7	ug/L	1.0	0.41	1		11/09/23 12:56	127-18-4	
Trichloroethene	0.48J	ug/L	1.0	0.32	1		11/09/23 12:56	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/09/23 12:56	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		11/09/23 12:56	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		11/09/23 12:56	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		11/09/23 12:56	2037-26-5	

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Iron, Ferrous Analytical Method: HACH 8146 Pace Analytical Services - Green Bay									
Iron, Ferrous	0.082	mg/L	0.050	0.013	1		11/08/23 11:05	15438-31-0	H6
300.0 IC Anions Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	16.2	mg/L	2.0	0.44	1		11/17/23 09:29	14808-79-8	
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	0.089J	mg/L	0.25	0.059	1		11/16/23 14:05		
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	1.5	mg/L	0.50	0.19	1		11/09/23 12:28	7440-44-0	

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ANALYTICAL RESULTS

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Sample: MW-7 **Lab ID: 40270618007** Collected: 11/02/23 14:40 Received: 11/04/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/09/23 10:31	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/09/23 10:31	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		11/09/23 10:31	74-82-8	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/09/23 13:13	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/09/23 13:13	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/09/23 13:13	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/09/23 13:13	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/09/23 13:13	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		11/09/23 13:13	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		11/09/23 13:13	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		11/09/23 13:13	2037-26-5	
Iron, Ferrous									
Analytical Method: HACH 8146 Pace Analytical Services - Green Bay									
Iron, Ferrous	0.095	mg/L	0.050	0.013	1		11/08/23 11:06	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	30.7	mg/L	10.0	2.2	5		11/18/23 23:12	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	3.1	mg/L	0.25	0.059	1		11/16/23 14:06		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	4.6	mg/L	0.50	0.19	1		11/09/23 12:45	7440-44-0	

Sample: MW-8 **Lab ID: 40270618008** Collected: 11/02/23 16:20 Received: 11/04/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/09/23 10:52	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/09/23 10:52	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		11/09/23 10:52	74-82-8	

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ANALYTICAL RESULTS

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Sample: MW-8 **Lab ID: 40270618008** Collected: 11/02/23 16:20 Received: 11/04/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/09/23 13:30	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/09/23 13:30	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/09/23 13:30	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/09/23 13:30	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/09/23 13:30	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		11/09/23 13:30	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		11/09/23 13:30	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		11/09/23 13:30	2037-26-5	
Iron, Ferrous									
Analytical Method: HACH 8146									
Pace Analytical Services - Green Bay									
Iron, Ferrous	0.030J	mg/L	0.050	0.013	1		11/08/23 11:08	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	17.5	mg/L	2.0	0.44	1		11/18/23 23:26	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	3.2	mg/L	0.25	0.059	1		11/16/23 14:07		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	1.2	mg/L	0.50	0.19	1		11/09/23 13:01	7440-44-0	

Sample: MW-9 **Lab ID: 40270618009** Collected: 11/02/23 18:00 Received: 11/04/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/09/23 10:59	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/09/23 10:59	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		11/09/23 10:59	74-82-8	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/09/23 13:48	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/09/23 13:48	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/09/23 13:48	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/09/23 13:48	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/09/23 13:48	75-01-4	

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ANALYTICAL RESULTS

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Sample: MW-9 Lab ID: 40270618009 Collected: 11/02/23 18:00 Received: 11/04/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		11/09/23 13:48	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		11/09/23 13:48	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		11/09/23 13:48	2037-26-5	
Iron, Ferrous									
Analytical Method: HACH 8146									
Pace Analytical Services - Green Bay									
Iron, Ferrous	<0.013	mg/L	0.050	0.013	1		11/08/23 11:09	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	26.9	mg/L	2.0	0.44	1		11/18/23 23:40	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	3.2	mg/L	0.25	0.059	1		11/16/23 14:08		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	1.6	mg/L	0.50	0.19	1		11/09/23 13:17	7440-44-0	

Sample: MW-10 Lab ID: 40270618010 Collected: 11/02/23 14:00 Received: 11/04/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/09/23 11:06	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/09/23 11:06	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		11/09/23 11:06	74-82-8	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/09/23 14:05	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/09/23 14:05	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/09/23 14:05	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/09/23 14:05	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/09/23 14:05	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		11/09/23 14:05	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		11/09/23 14:05	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		11/09/23 14:05	2037-26-5	

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ANALYTICAL RESULTS

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Sample: MW-10 Lab ID: 40270618010 Collected: 11/02/23 14:00 Received: 11/04/23 08:45 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Iron, Ferrous									
Analytical Method: HACH 8146 Pace Analytical Services - Green Bay									
Iron, Ferrous	0.027J	mg/L	0.050	0.013	1		11/08/23 11:10	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	15.2	mg/L	2.0	0.44	1		11/18/23 23:55	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	1.3	mg/L	0.25	0.059	1		11/16/23 14:09		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	3.0	mg/L	0.50	0.19	1		11/09/23 13:33	7440-44-0	

Sample: MW-11 Lab ID: 40270618011 Collected: 11/01/23 12:10 Received: 11/04/23 08:45 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/09/23 11:13	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/09/23 11:13	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		11/09/23 11:13	74-82-8	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/09/23 14:22	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/09/23 14:22	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/09/23 14:22	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/09/23 14:22	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/09/23 14:22	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		11/09/23 14:22	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		11/09/23 14:22	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		11/09/23 14:22	2037-26-5	
Iron, Ferrous									
Analytical Method: HACH 8146 Pace Analytical Services - Green Bay									
Iron, Ferrous	0.061	mg/L	0.050	0.013	1		11/08/23 11:13	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	3.0	mg/L	2.0	0.44	1		11/18/23 22:08	14808-79-8	

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ANALYTICAL RESULTS

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Sample: MW-11 Lab ID: 40270618011 Collected: 11/01/23 12:10 Received: 11/04/23 08:45 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	0.82	mg/L	0.25	0.059	1		11/16/23 14:09		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	2.1	mg/L	0.50	0.19	1		11/09/23 13:49	7440-44-0	

Sample: MW-12 Lab ID: 40270618012 Collected: 11/01/23 17:30 Received: 11/04/23 08:45 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/09/23 11:20	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/09/23 11:20	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		11/09/23 11:20	74-82-8	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/09/23 14:39	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/09/23 14:39	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/09/23 14:39	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/09/23 14:39	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/09/23 14:39	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-130		1		11/09/23 14:39	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		11/09/23 14:39	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		11/09/23 14:39	2037-26-5	

Iron, Ferrous									
Analytical Method: HACH 8146 Pace Analytical Services - Green Bay									
Iron, Ferrous	0.089	mg/L	0.050	0.013	1		11/08/23 11:15	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	12.5	mg/L	2.0	0.44	1		11/18/23 22:23	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	1.2	mg/L	0.25	0.059	1		11/16/23 14:10		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	1.5	mg/L	0.50	0.19	1		11/09/23 14:03	7440-44-0	

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ANALYTICAL RESULTS

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Sample: MW-13 **Lab ID: 40270618013** Collected: 11/02/23 13:00 Received: 11/04/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/09/23 11:27	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/09/23 11:27	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		11/09/23 11:27	74-82-8	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/09/23 16:02	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/09/23 16:02	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/09/23 16:02	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/09/23 16:02	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/09/23 16:02	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		11/09/23 16:02	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		11/09/23 16:02	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		11/09/23 16:02	2037-26-5	
Iron, Ferrous									
Analytical Method: HACH 8146 Pace Analytical Services - Green Bay									
Iron, Ferrous	0.14	mg/L	0.050	0.013	1		11/08/23 11:17	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	21.8	mg/L	2.0	0.44	1		11/18/23 22:38	14808-79-8	M0
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	1.6	mg/L	0.25	0.059	1		11/16/23 14:11		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	3.7	mg/L	0.50	0.19	1		11/09/23 14:18	7440-44-0	

Sample: MW-13D **Lab ID: 40270618014** Collected: 11/02/23 12:40 Received: 11/04/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/09/23 11:34	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/09/23 11:34	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		11/09/23 11:34	74-82-8	

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ANALYTICAL RESULTS

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Sample: MW-13D **Lab ID: 40270618014** Collected: 11/02/23 12:40 Received: 11/04/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/09/23 16:19	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/09/23 16:19	156-60-5	
Tetrachloroethene	10	ug/L	1.0	0.41	1		11/09/23 16:19	127-18-4	
Trichloroethene	1.3	ug/L	1.0	0.32	1		11/09/23 16:19	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/09/23 16:19	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		11/09/23 16:19	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		11/09/23 16:19	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		11/09/23 16:19	2037-26-5	
Iron, Ferrous									
Analytical Method: HACH 8146									
Pace Analytical Services - Green Bay									
Iron, Ferrous	0.32	mg/L	0.050	0.013	1		11/08/23 11:18	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	19.6	mg/L	2.0	0.44	1		11/17/23 12:45	14808-79-8	M0
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	1.6	mg/L	0.25	0.059	1		11/16/23 14:12		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	1.4	mg/L	0.50	0.19	1		11/09/23 14:34	7440-44-0	

Sample: MW-14 **Lab ID: 40270618015** Collected: 11/02/23 13:30 Received: 11/04/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/09/23 11:41	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/09/23 11:41	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		11/09/23 11:41	74-82-8	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/09/23 16:36	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/09/23 16:36	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/09/23 16:36	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/09/23 16:36	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/09/23 16:36	75-01-4	

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ANALYTICAL RESULTS

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Sample: MW-14 Lab ID: 40270618015 Collected: 11/02/23 13:30 Received: 11/04/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		11/09/23 16:36	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		11/09/23 16:36	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		11/09/23 16:36	2037-26-5	
Iron, Ferrous									
Analytical Method: HACH 8146									
Pace Analytical Services - Green Bay									
Iron, Ferrous	0.030J	mg/L	0.050	0.013	1		11/08/23 11:20	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	11.7	mg/L	2.0	0.44	1		11/17/23 13:30	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	1.4	mg/L	0.25	0.059	1		11/16/23 14:12		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	1.2	mg/L	0.50	0.19	1		11/10/23 18:20	7440-44-0	

Sample: MW-15S Lab ID: 40270618016 Collected: 11/02/23 11:10 Received: 11/04/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/09/23 11:48	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/09/23 11:48	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		11/09/23 11:48	74-82-8	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/09/23 16:53	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/09/23 16:53	156-60-5	
Tetrachloroethene	0.99J	ug/L	1.0	0.41	1		11/09/23 16:53	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/09/23 16:53	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/09/23 16:53	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		11/09/23 16:53	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		11/09/23 16:53	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		11/09/23 16:53	2037-26-5	

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ANALYTICAL RESULTS

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Sample: MW-15S Lab ID: 40270618016 Collected: 11/02/23 11:10 Received: 11/04/23 08:45 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Iron, Ferrous									
Analytical Method: HACH 8146 Pace Analytical Services - Green Bay									
Iron, Ferrous	0.097	mg/L	0.050	0.013	1		11/08/23 11:22	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	9.6	mg/L	2.0	0.44	1		11/17/23 13:44	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	1.3	mg/L	0.25	0.059	1		11/16/23 14:15		M0
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	1.2	mg/L	0.50	0.19	1		11/10/23 19:27	7440-44-0	

Sample: MW-15D Lab ID: 40270618017 Collected: 11/02/23 10:50 Received: 11/04/23 08:45 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/09/23 11:55	74-84-0	
Ethene	1.9J	ug/L	5.0	0.25	1		11/09/23 11:55	74-85-1	
Methane	749	ug/L	28.0	5.8	10		11/09/23 12:47	74-82-8	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/09/23 17:10	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/09/23 17:10	156-60-5	
Tetrachloroethene	1.4	ug/L	1.0	0.41	1		11/09/23 17:10	127-18-4	
Trichloroethene	0.33J	ug/L	1.0	0.32	1		11/09/23 17:10	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/09/23 17:10	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		11/09/23 17:10	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		11/09/23 17:10	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		11/09/23 17:10	2037-26-5	

Iron, Ferrous									
Analytical Method: HACH 8146 Pace Analytical Services - Green Bay									
Iron, Ferrous	0.32	mg/L	0.050	0.013	1		11/08/23 11:23	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	0.76J	mg/L	2.0	0.44	1		11/17/23 13:59	14808-79-8	

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ANALYTICAL RESULTS

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Sample: MW-15D Lab ID: 40270618017 Collected: 11/02/23 10:50 Received: 11/04/23 08:45 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	<0.059	mg/L	0.25	0.059	1		11/16/23 14:19		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	15.3	mg/L	3.0	1.1	6		11/10/23 20:13	7440-44-0	

Sample: MW-16S Lab ID: 40270618018 Collected: 11/02/23 12:10 Received: 11/04/23 08:45 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/10/23 09:41	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/10/23 09:41	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		11/10/23 09:41	74-82-8	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	3.7	ug/L	1.0	0.47	1		11/09/23 17:28	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/09/23 17:28	156-60-5	
Tetrachloroethene	9.6	ug/L	1.0	0.41	1		11/09/23 17:28	127-18-4	
Trichloroethene	4.4	ug/L	1.0	0.32	1		11/09/23 17:28	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/09/23 17:28	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		11/09/23 17:28	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		11/09/23 17:28	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		11/09/23 17:28	2037-26-5	

Iron, Ferrous									
Analytical Method: HACH 8146 Pace Analytical Services - Green Bay									
Iron, Ferrous	0.17	mg/L	0.050	0.013	1		11/08/23 11:24	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	23.3	mg/L	2.0	0.44	1		11/17/23 14:14	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	1.9	mg/L	0.25	0.059	1		11/16/23 14:22		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	2.0	mg/L	0.50	0.19	1		11/10/23 20:29	7440-44-0	

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ANALYTICAL RESULTS

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Sample: MW-16D **Lab ID: 40270618019** Collected: 11/02/23 11:50 Received: 11/04/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/10/23 09:48	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/10/23 09:48	74-85-1	
Methane	7.8	ug/L	2.8	0.58	1		11/10/23 09:48	74-82-8	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	6.0	ug/L	1.0	0.47	1		11/09/23 17:45	156-59-2	
trans-1,2-Dichloroethene	1.5	ug/L	1.0	0.53	1		11/09/23 17:45	156-60-5	
Tetrachloroethene	1.5	ug/L	1.0	0.41	1		11/09/23 17:45	127-18-4	
Trichloroethene	42.2	ug/L	1.0	0.32	1		11/09/23 17:45	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/09/23 17:45	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		11/09/23 17:45	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		11/09/23 17:45	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		11/09/23 17:45	2037-26-5	
Iron, Ferrous									
Analytical Method: HACH 8146 Pace Analytical Services - Green Bay									
Iron, Ferrous	0.63	mg/L	0.050	0.013	1		11/08/23 11:26	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	20.2	mg/L	2.0	0.44	1		11/17/23 14:29	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	<0.059	mg/L	0.25	0.059	1		11/16/23 14:22		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	1.9	mg/L	0.50	0.19	1		11/10/23 20:44	7440-44-0	

Sample: MW-17 **Lab ID: 40270618020** Collected: 11/01/23 15:30 Received: 11/04/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/10/23 09:55	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/10/23 09:55	74-85-1	
Methane	4.3	ug/L	2.8	0.58	1		11/10/23 09:55	74-82-8	

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ANALYTICAL RESULTS

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Sample: MW-17 Lab ID: 40270618020 Collected: 11/01/23 15:30 Received: 11/04/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/09/23 18:02	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/09/23 18:02	156-60-5	
Tetrachloroethene	0.45J	ug/L	1.0	0.41	1		11/09/23 18:02	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/09/23 18:02	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/09/23 18:02	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		11/09/23 18:02	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		11/09/23 18:02	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		11/09/23 18:02	2037-26-5	
Iron, Ferrous									
Analytical Method: HACH 8146									
Pace Analytical Services - Green Bay									
Iron, Ferrous	0.051	mg/L	0.050	0.013	1		11/08/23 11:27	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	12.3	mg/L	2.0	0.44	1		11/17/23 15:28	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	2.0	mg/L	0.25	0.059	1		11/16/23 14:25		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	1.7	mg/L	0.50	0.19	1		11/10/23 20:59	7440-44-0	

Sample: MW-17-40 Lab ID: 40270618021 Collected: 11/01/23 16:00 Received: 11/04/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/10/23 10:02	74-84-0	
Ethene	0.80J	ug/L	5.0	0.25	1		11/10/23 10:02	74-85-1	
Methane	1.6J	ug/L	2.8	0.58	1		11/10/23 10:02	74-82-8	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/09/23 18:19	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/09/23 18:19	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/09/23 18:19	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/09/23 18:19	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/09/23 18:19	75-01-4	

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ANALYTICAL RESULTS

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Sample: MW-17-40 Lab ID: 40270618021 Collected: 11/01/23 16:00 Received: 11/04/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		11/09/23 18:19	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		11/09/23 18:19	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		11/09/23 18:19	2037-26-5	
Iron, Ferrous									
Analytical Method: HACH 8146									
Pace Analytical Services - Green Bay									
Iron, Ferrous	0.053	mg/L	0.050	0.013	1		11/15/23 15:08	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	31.4	mg/L	2.0	0.44	1		11/17/23 15:43	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	<0.059	mg/L	0.25	0.059	1		11/16/23 14:26		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	1.4	mg/L	0.50	0.19	1		11/10/23 21:14	7440-44-0	

Sample: MW-17-70 Lab ID: 40270618022 Collected: 11/01/23 16:30 Received: 11/04/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/10/23 10:09	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/10/23 10:09	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		11/10/23 10:09	74-82-8	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/09/23 18:37	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/09/23 18:37	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/09/23 18:37	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/09/23 18:37	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/09/23 18:37	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		11/09/23 18:37	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		11/09/23 18:37	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		11/09/23 18:37	2037-26-5	

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ANALYTICAL RESULTS

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Sample: MW-17-70 Lab ID: 40270618022 Collected: 11/01/23 16:30 Received: 11/04/23 08:45 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Iron, Ferrous									
Analytical Method: HACH 8146 Pace Analytical Services - Green Bay									
Iron, Ferrous	<0.013	mg/L	0.050	0.013	1		11/15/23 15:17	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	20.6	mg/L	2.0	0.44	1		11/17/23 15:58	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	1.1	mg/L	0.25	0.059	1		11/16/23 14:27		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	1.5	mg/L	0.50	0.19	1		11/10/23 21:49	7440-44-0	

Sample: MW-6 (LT) Lab ID: 40270618023 Collected: 11/02/23 10:10 Received: 11/04/23 08:45 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/10/23 10:16	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/10/23 10:16	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		11/10/23 10:16	74-82-8	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/10/23 10:41	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/10/23 10:41	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/10/23 10:41	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/10/23 10:41	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/10/23 10:41	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		11/10/23 10:41	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		11/10/23 10:41	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		11/10/23 10:41	2037-26-5	
Iron, Ferrous									
Analytical Method: HACH 8146 Pace Analytical Services - Green Bay									
Iron, Ferrous	0.18	mg/L	0.050	0.013	1		11/15/23 15:21	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	6.5	mg/L	2.0	0.44	1		11/17/23 16:15	14808-79-8	

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ANALYTICAL RESULTS

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Sample: MW-6 (LT) Lab ID: 40270618023 Collected: 11/02/23 10:10 Received: 11/04/23 08:45 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	1.1	mg/L	0.25	0.059	1		11/16/23 14:28		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	3.5	mg/L	0.50	0.19	1		11/10/23 22:04	7440-44-0	

Sample: MW-6-30 (LT) Lab ID: 40270618024 Collected: 11/02/23 09:40 Received: 11/04/23 08:45 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/10/23 10:23	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/10/23 10:23	74-85-1	
Methane	21.1	ug/L	2.8	0.58	1		11/10/23 10:23	74-82-8	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/10/23 10:58	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/10/23 10:58	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/10/23 10:58	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/10/23 10:58	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/10/23 10:58	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		11/10/23 10:58	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		11/10/23 10:58	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		11/10/23 10:58	2037-26-5	
Iron, Ferrous									
Analytical Method: HACH 8146 Pace Analytical Services - Green Bay									
Iron, Ferrous	0.18	mg/L	0.050	0.013	1		11/15/23 15:23	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	9.6	mg/L	2.0	0.44	1		11/17/23 16:30	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	0.26	mg/L	0.25	0.059	1		11/16/23 14:28		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	3.6	mg/L	0.50	0.19	1		11/10/23 22:20	7440-44-0	

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ANALYTICAL RESULTS

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Sample: MW-6-50 (LT) **Lab ID: 40270618025** Collected: 11/02/23 09:10 Received: 11/04/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/10/23 10:30	74-84-0	
Ethene	0.26J	ug/L	5.0	0.25	1		11/10/23 10:30	74-85-1	
Methane	24.0	ug/L	2.8	0.58	1		11/10/23 10:30	74-82-8	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/10/23 11:15	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/10/23 11:15	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/10/23 11:15	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/10/23 11:15	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/10/23 11:15	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		11/10/23 11:15	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		11/10/23 11:15	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		11/10/23 11:15	2037-26-5	
Iron, Ferrous									
Analytical Method: HACH 8146 Pace Analytical Services - Green Bay									
Iron, Ferrous	0.14	mg/L	0.050	0.013	1		11/15/23 15:24	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	6.0	mg/L	2.0	0.44	1		11/17/23 16:44	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	<0.059	mg/L	0.25	0.059	1		11/16/23 14:29		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	3.3	mg/L	0.50	0.19	1		11/10/23 22:36	7440-44-0	

Sample: MW-7 (LT) **Lab ID: 40270618026** Collected: 11/02/23 07:30 Received: 11/04/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/10/23 10:37	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/10/23 10:37	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		11/10/23 10:37	74-82-8	

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ANALYTICAL RESULTS

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Sample: MW-7 (LT) Lab ID: 40270618026 Collected: 11/02/23 07:30 Received: 11/04/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/10/23 11:32	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/10/23 11:32	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/10/23 11:32	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/10/23 11:32	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/10/23 11:32	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		11/10/23 11:32	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		11/10/23 11:32	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		11/10/23 11:32	2037-26-5	
Iron, Ferrous									
Analytical Method: HACH 8146									
Pace Analytical Services - Green Bay									
Iron, Ferrous	0.32	mg/L	0.050	0.013	1		11/15/23 15:25	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	12.3	mg/L	2.0	0.44	1		11/17/23 16:59	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	1.5	mg/L	0.25	0.059	1		11/16/23 14:30		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	7.4	mg/L	1.5	0.57	3		11/13/23 05:05	7440-44-0	

Sample: MW-7-30 (LT) Lab ID: 40270618027 Collected: 11/02/23 08:10 Received: 11/04/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/10/23 10:44	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/10/23 10:44	74-85-1	
Methane	24.3	ug/L	2.8	0.58	1		11/10/23 10:44	74-82-8	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/10/23 11:50	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/10/23 11:50	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/10/23 11:50	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/10/23 11:50	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/10/23 11:50	75-01-4	

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ANALYTICAL RESULTS

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Sample: MW-7-30 (LT) Lab ID: 40270618027 Collected: 11/02/23 08:10 Received: 11/04/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		11/10/23 11:50	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		11/10/23 11:50	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		11/10/23 11:50	2037-26-5	
Iron, Ferrous									
Analytical Method: HACH 8146									
Pace Analytical Services - Green Bay									
Iron, Ferrous	0.048J	mg/L	0.050	0.013	1		11/15/23 15:29	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	13.0	mg/L	2.0	0.44	1		11/17/23 17:14	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	<0.059	mg/L	0.25	0.059	1		11/16/23 14:31		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	6.8	mg/L	0.50	0.19	1		11/10/23 23:08	7440-44-0	

Sample: MW-7-50 (LT) Lab ID: 40270618028 Collected: 11/02/23 08:40 Received: 11/04/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/10/23 11:19	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/10/23 11:19	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		11/10/23 11:19	74-82-8	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/10/23 12:07	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/10/23 12:07	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/10/23 12:07	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/10/23 12:07	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/10/23 12:07	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		11/10/23 12:07	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		11/10/23 12:07	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		11/10/23 12:07	2037-26-5	

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ANALYTICAL RESULTS

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Sample: MW-7-50 (LT) Lab ID: 40270618028 Collected: 11/02/23 08:40 Received: 11/04/23 08:45 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Iron, Ferrous									
Analytical Method: HACH 8146 Pace Analytical Services - Green Bay									
Iron, Ferrous	0.033J	mg/L	0.050	0.013	1		11/15/23 15:30	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	13.2	mg/L	2.0	0.44	1		11/17/23 17:29	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	1.0	mg/L	0.25	0.059	1		11/16/23 14:31		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	1.7	mg/L	0.50	0.19	1		11/10/23 23:23	7440-44-0	

Sample: MW-10 (LT) Lab ID: 40270618029 Collected: 11/01/23 13:50 Received: 11/04/23 08:45 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/10/23 11:26	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/10/23 11:26	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		11/10/23 11:26	74-82-8	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/10/23 12:24	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/10/23 12:24	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/10/23 12:24	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/10/23 12:24	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/10/23 12:24	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		11/10/23 12:24	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		11/10/23 12:24	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		11/10/23 12:24	2037-26-5	
Iron, Ferrous									
Analytical Method: HACH 8146 Pace Analytical Services - Green Bay									
Iron, Ferrous	0.39	mg/L	0.050	0.013	1		11/15/23 15:31	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	7.6	mg/L	2.0	0.44	1		11/17/23 17:44	14808-79-8	

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ANALYTICAL RESULTS

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Sample: MW-10 (LT) Lab ID: 40270618029 Collected: 11/01/23 13:50 Received: 11/04/23 08:45 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	2.0	mg/L	0.25	0.059	1		11/16/23 14:32		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	7.8	mg/L	0.50	0.19	1		11/10/23 23:39	7440-44-0	

Sample: MW-10-30 (LT) Lab ID: 40270618030 Collected: 11/01/23 14:20 Received: 11/04/23 08:45 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/10/23 11:33	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/10/23 11:33	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		11/10/23 11:33	74-82-8	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/10/23 12:41	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/10/23 12:41	156-60-5	
Tetrachloroethene	1.3	ug/L	1.0	0.41	1		11/10/23 12:41	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/10/23 12:41	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/10/23 12:41	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-130		1		11/10/23 12:41	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		11/10/23 12:41	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		11/10/23 12:41	2037-26-5	
Iron, Ferrous									
Analytical Method: HACH 8146 Pace Analytical Services - Green Bay									
Iron, Ferrous	0.14	mg/L	0.050	0.013	1		11/15/23 15:32	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	18.5	mg/L	2.0	0.44	1		11/17/23 18:43	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	1.1	mg/L	0.25	0.059	1		11/16/23 14:35		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	2.1	mg/L	0.50	0.19	1		11/10/23 23:56	7440-44-0	

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ANALYTICAL RESULTS

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Sample: MW-10-50 (LT) **Lab ID: 40270618031** Collected: 11/01/23 14:50 Received: 11/04/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/10/23 11:39	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/10/23 11:39	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		11/10/23 11:39	74-82-8	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/10/23 12:59	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/10/23 12:59	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/10/23 12:59	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/10/23 12:59	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/10/23 12:59	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-130		1		11/10/23 12:59	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		11/10/23 12:59	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		11/10/23 12:59	2037-26-5	
Iron, Ferrous									
Analytical Method: HACH 8146 Pace Analytical Services - Green Bay									
Iron, Ferrous	0.11	mg/L	0.050	0.013	1		11/15/23 15:34	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	3.6	mg/L	2.0	0.44	1		11/17/23 18:58	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	1.1	mg/L	0.25	0.059	1		11/16/23 14:36		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	1.4	mg/L	0.50	0.19	1		11/11/23 00:10	7440-44-0	

Sample: PZ-6 **Lab ID: 40270618032** Collected: 11/02/23 16:40 Received: 11/04/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/10/23 11:46	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/10/23 11:46	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		11/10/23 11:46	74-82-8	

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ANALYTICAL RESULTS

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Sample: PZ-6 Lab ID: 40270618032 Collected: 11/02/23 16:40 Received: 11/04/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/10/23 13:16	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/10/23 13:16	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/10/23 13:16	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/10/23 13:16	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/10/23 13:16	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		11/10/23 13:16	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		11/10/23 13:16	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		11/10/23 13:16	2037-26-5	
Iron, Ferrous									
Analytical Method: HACH 8146									
Pace Analytical Services - Green Bay									
Iron, Ferrous	0.053	mg/L	0.050	0.013	1		11/15/23 15:35	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	24.0	mg/L	2.0	0.44	1		11/17/23 19:13	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	1.4	mg/L	0.25	0.059	1		11/16/23 14:37		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	0.92	mg/L	0.50	0.19	1		11/11/23 00:45	7440-44-0	

Sample: PZ-7 Lab ID: 40270618033 Collected: 11/02/23 14:20 Received: 11/04/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/10/23 11:53	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/10/23 11:53	74-85-1	
Methane	18.7	ug/L	2.8	0.58	1		11/10/23 11:53	74-82-8	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/10/23 13:33	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/10/23 13:33	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/10/23 13:33	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/10/23 13:33	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/10/23 13:33	75-01-4	

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ANALYTICAL RESULTS

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Sample: PZ-7									
Lab ID: 40270618033									
Collected: 11/02/23 14:20									
Received: 11/04/23 08:45									
Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		11/10/23 13:33	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		11/10/23 13:33	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		11/10/23 13:33	2037-26-5	
Iron, Ferrous									
Analytical Method: HACH 8146									
Pace Analytical Services - Green Bay									
Iron, Ferrous	0.089	mg/L	0.050	0.013	1		11/15/23 15:36	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	17.5	mg/L	2.0	0.44	1		11/17/23 19:28	14808-79-8	M0
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	<0.059	mg/L	0.25	0.059	1		11/16/23 14:38		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	1.2	mg/L	0.50	0.19	1		11/11/23 01:00	7440-44-0	

Sample: PZ-8									
Lab ID: 40270618034									
Collected: 11/02/23 15:50									
Received: 11/04/23 08:45									
Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/10/23 12:00	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/10/23 12:00	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		11/10/23 12:00	74-82-8	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/10/23 13:50	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/10/23 13:50	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/10/23 13:50	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/10/23 13:50	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/10/23 13:50	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		11/10/23 13:50	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		11/10/23 13:50	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		11/10/23 13:50	2037-26-5	

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ANALYTICAL RESULTS

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Sample: PZ-8 Lab ID: 40270618034 Collected: 11/02/23 15:50 Received: 11/04/23 08:45 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Iron, Ferrous									
Analytical Method: HACH 8146 Pace Analytical Services - Green Bay									
Iron, Ferrous	0.17	mg/L	0.050	0.013	1		11/15/23 15:38	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	20.8	mg/L	2.0	0.44	1		11/18/23 13:55	14808-79-8	M0
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	1.7	mg/L	0.25	0.059	1		11/16/23 14:38		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	0.99	mg/L	0.50	0.19	1		11/13/23 06:19	7440-44-0	

Sample: PZ-9 Lab ID: 40270618035 Collected: 11/02/23 17:30 Received: 11/04/23 08:45 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/10/23 12:07	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/10/23 12:07	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		11/10/23 12:07	74-82-8	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/10/23 15:48	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/10/23 15:48	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/10/23 15:48	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/10/23 15:48	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/10/23 15:48	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		11/10/23 15:48	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		11/10/23 15:48	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		11/10/23 15:48	2037-26-5	
Iron, Ferrous									
Analytical Method: HACH 8146 Pace Analytical Services - Green Bay									
Iron, Ferrous	0.23	mg/L	0.050	0.013	1		11/15/23 15:39	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	1.9J	mg/L	2.0	0.44	1		11/18/23 14:40	14808-79-8	

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ANALYTICAL RESULTS

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Sample: PZ-9 Lab ID: 40270618035 Collected: 11/02/23 17:30 Received: 11/04/23 08:45 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	0.57	mg/L	0.25	0.059	1		11/16/23 14:39		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	2.2	mg/L	0.50	0.19	1		11/13/23 07:08	7440-44-0	

Sample: MW-5 (EQ) Lab ID: 40270618036 Collected: 11/02/23 15:20 Received: 11/04/23 08:45 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/10/23 12:14	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/10/23 12:14	74-85-1	
Methane	34.9	ug/L	2.8	0.58	1		11/10/23 12:14	74-82-8	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/10/23 16:05	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/10/23 16:05	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/10/23 16:05	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/10/23 16:05	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/10/23 16:05	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		11/10/23 16:05	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		11/10/23 16:05	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		11/10/23 16:05	2037-26-5	

Iron, Ferrous									
Analytical Method: HACH 8146 Pace Analytical Services - Green Bay									
Iron, Ferrous	2.6	mg/L	0.25	0.066	5		11/15/23 15:44	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	18.6	mg/L	2.0	0.44	1		11/18/23 15:39	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	<0.059	mg/L	0.25	0.059	1		11/16/23 14:41		P4
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	20.2	mg/L	1.5	0.57	3		11/13/23 07:54	7440-44-0	

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ANALYTICAL RESULTS

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Sample: MW-7 (EQ)	Lab ID: 40270618037	Collected: 11/01/23 12:40	Received: 11/04/23 08:45	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/10/23 12:21	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/10/23 12:21	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		11/10/23 12:21	74-82-8	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	2.4	ug/L	1.0	0.47	1		11/10/23 16:22	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/10/23 16:22	156-60-5	
Tetrachloroethene	13.5	ug/L	1.0	0.41	1		11/10/23 16:22	127-18-4	
Trichloroethene	4.6	ug/L	1.0	0.32	1		11/10/23 16:22	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/10/23 16:22	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		11/10/23 16:22	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		11/10/23 16:22	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		11/10/23 16:22	2037-26-5	
Iron, Ferrous									
Analytical Method: HACH 8146 Pace Analytical Services - Green Bay									
Iron, Ferrous	0.030J	mg/L	0.050	0.013	1		11/15/23 15:46	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	15.1	mg/L	2.0	0.44	1		11/18/23 15:54	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	2.3	mg/L	0.25	0.059	1		11/16/23 14:46		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	2.4	mg/L	0.50	0.19	1		11/13/23 08:11	7440-44-0	

Sample: MUNI #2	Lab ID: 40270618038	Collected: 11/01/23 13:15	Received: 11/04/23 08:45	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/13/23 10:10	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/13/23 10:10	74-85-1	
Methane	1.5J	ug/L	2.8	0.58	1		11/13/23 10:10	74-82-8	

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ANALYTICAL RESULTS

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Sample: MUNI #2 **Lab ID: 40270618038** Collected: 11/01/23 13:15 Received: 11/04/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/10/23 16:40	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/10/23 16:40	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/10/23 16:40	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/10/23 16:40	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/10/23 16:40	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		11/10/23 16:40	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		11/10/23 16:40	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		11/10/23 16:40	2037-26-5	
Iron, Ferrous									
Analytical Method: HACH 8146									
Pace Analytical Services - Green Bay									
Iron, Ferrous	0.069	mg/L	0.050	0.013	1		11/15/23 15:47	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	16.8	mg/L	2.0	0.44	1		11/18/23 16:09	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	0.72	mg/L	0.25	0.059	1		11/16/23 14:47		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	1.6	mg/L	0.50	0.19	1		11/13/23 09:00	7440-44-0	

Sample: MW-1 DUP **Lab ID: 40270618039** Collected: 11/01/23 09:25 Received: 11/04/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/13/23 10:17	74-84-0	
Ethene	0.84J	ug/L	5.0	0.25	1		11/13/23 10:17	74-85-1	
Methane	1130	ug/L	56.0	11.5	20		11/13/23 11:21	74-82-8	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	247	ug/L	5.0	2.4	5		11/10/23 17:31	156-59-2	
trans-1,2-Dichloroethene	2.9J	ug/L	5.0	2.6	5		11/10/23 17:31	156-60-5	
Tetrachloroethene	44.0	ug/L	5.0	2.0	5		11/10/23 17:31	127-18-4	
Trichloroethene	20.1	ug/L	5.0	1.6	5		11/10/23 17:31	79-01-6	
Vinyl chloride	<0.87	ug/L	5.0	0.87	5		11/10/23 17:31	75-01-4	

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ANALYTICAL RESULTS

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Sample: MW-1 DUP Lab ID: 40270618039 Collected: 11/01/23 09:25 Received: 11/04/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		5		11/10/23 17:31	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		5		11/10/23 17:31	2199-69-1	
Toluene-d8 (S)	100	%	70-130		5		11/10/23 17:31	2037-26-5	
Iron, Ferrous									
Analytical Method: HACH 8146									
Pace Analytical Services - Green Bay									
Iron, Ferrous	1.1	mg/L	0.062	0.016	1.25		11/15/23 15:57	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	2.4	mg/L	2.0	0.44	1		11/18/23 16:24	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	<0.059	mg/L	0.25	0.059	1		11/16/23 14:49		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	7.0	mg/L	1.5	0.57	3		11/13/23 09:15	7440-44-0	

Sample: MW-7 (LT) DUP Lab ID: 40270618040 Collected: 11/02/23 07:35 Received: 11/04/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/13/23 10:24	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/13/23 10:24	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		11/13/23 10:24	74-82-8	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/10/23 16:57	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/10/23 16:57	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/10/23 16:57	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/10/23 16:57	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/10/23 16:57	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		11/10/23 16:57	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		11/10/23 16:57	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		11/10/23 16:57	2037-26-5	

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ANALYTICAL RESULTS

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Sample: MW-7 (LT) DUP Lab ID: 40270618040 Collected: 11/02/23 07:35 Received: 11/04/23 08:45 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Iron, Ferrous									
Analytical Method: HACH 8146 Pace Analytical Services - Green Bay									
Iron, Ferrous	0.49	mg/L	0.050	0.013	1		11/15/23 15:58	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	12.1	mg/L	2.0	0.44	1		11/18/23 17:08	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	1.6	mg/L	0.25	0.059	1		11/16/23 14:50		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	6.6	mg/L	0.50	0.19	1		11/13/23 09:30	7440-44-0	

Sample: MW-7 DUP Lab ID: 40270618041 Collected: 11/02/23 14:45 Received: 11/04/23 08:45 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		11/13/23 10:31	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/13/23 10:31	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		11/13/23 10:31	74-82-8	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/10/23 17:14	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/10/23 17:14	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/10/23 17:14	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/10/23 17:14	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/10/23 17:14	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		11/10/23 17:14	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		11/10/23 17:14	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		11/10/23 17:14	2037-26-5	

Iron, Ferrous									
Analytical Method: HACH 8146 Pace Analytical Services - Green Bay									
Iron, Ferrous	0.097	mg/L	0.050	0.013	1		11/20/23 11:00	15438-31-0	H6
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	31.6	mg/L	2.0	0.44	1		11/18/23 17:23	14808-79-8	

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ANALYTICAL RESULTS

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Sample: MW-7 DUP Lab ID: 40270618041 Collected: 11/02/23 14:45 Received: 11/04/23 08:45 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	3.1	mg/L	0.25	0.059	1		11/16/23 14:51		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	4.5	mg/L	0.50	0.19	1		11/13/23 09:47	7440-44-0	

Sample: TRIP BLANK Lab ID: 40270618042 Collected: 11/02/23 00:00 Received: 11/04/23 08:45 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/10/23 10:24	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/10/23 10:24	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/10/23 10:24	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/10/23 10:24	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/10/23 10:24	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		11/10/23 10:24	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		11/10/23 10:24	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		11/10/23 10:24	2037-26-5	

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QUALITY CONTROL DATA

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

QC Batch:	459963	Analysis Method:	EPA 8015B Modified
QC Batch Method:	EPA 8015B Modified	Analysis Description:	Methane, Ethane, Ethene GCV
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40270618001, 40270618002, 40270618003, 40270618004, 40270618005, 40270618006, 40270618007, 40270618008, 40270618009, 40270618010, 40270618011, 40270618012, 40270618013, 40270618014, 40270618015, 40270618016, 40270618017		

METHOD BLANK:	2641303	Matrix:	Water
Associated Lab Samples:	40270618001, 40270618002, 40270618003, 40270618004, 40270618005, 40270618006, 40270618007, 40270618008, 40270618009, 40270618010, 40270618011, 40270618012, 40270618013, 40270618014, 40270618015, 40270618016, 40270618017		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.39	5.6	11/09/23 08:46	
Ethene	ug/L	<0.25	5.0	11/09/23 08:46	
Methane	ug/L	<0.58	2.8	11/09/23 08:46	

LABORATORY CONTROL SAMPLE & LCSD: 2641304		2641305								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	53.6	49.6	53.2	93	99	80-120	7	20	
Ethene	ug/L	50	46.4	49.3	93	99	80-120	6	20	
Methane	ug/L	28.6	25.4	27.4	89	96	80-120	7	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2641414		2641415											
Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40270618002 Result	Spike Conc.	Spike Conc.	Conc.								
Ethane	ug/L	<0.39	53.6	53.6	48.5	50.3	90	94	77-120	4	20		
Ethene	ug/L	<0.25	50	50	45.0	46.7	90	93	76-120	4	20		
Methane	ug/L	<0.58	28.6	28.6	24.3	25.5	85	89	12-198	5	26		

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QUALITY CONTROL DATA

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

QC Batch: 460030 Analysis Method: EPA 8015B Modified
 QC Batch Method: EPA 8015B Modified Analysis Description: Methane, Ethane, Ethene GCV
 Laboratory: Pace Analytical Services - Green Bay
 Associated Lab Samples: 40270618018, 40270618019, 40270618020, 40270618021, 40270618022, 40270618023, 40270618024, 40270618025, 40270618026, 40270618027, 40270618028, 40270618029, 40270618030, 40270618031, 40270618032, 40270618033, 40270618034, 40270618035, 40270618036, 40270618037

METHOD BLANK: 2641879 Matrix: Water
 Associated Lab Samples: 40270618018, 40270618019, 40270618020, 40270618021, 40270618022, 40270618023, 40270618024, 40270618025, 40270618026, 40270618027, 40270618028, 40270618029, 40270618030, 40270618031, 40270618032, 40270618033, 40270618034, 40270618035, 40270618036, 40270618037

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.39	5.6	11/10/23 09:13	
Ethene	ug/L	<0.25	5.0	11/10/23 09:13	
Methane	ug/L	<0.58	2.8	11/10/23 09:13	

LABORATORY CONTROL SAMPLE & LCSD: 2641880 2641881

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	53.6	54.1	58.5	101	109	80-120	8	20	
Ethene	ug/L	50	49.8	53.4	100	107	80-120	7	20	
Methane	ug/L	28.6	28.0	30.5	98	107	80-120	9	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2642193 2642194

Parameter	Units	40270618018 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Ethane	ug/L	<0.39	53.6	53.6	52.4	55.7	98	104	77-120	6	20	
Ethene	ug/L	<0.25	50	50	48.7	51.8	97	104	76-120	6	20	
Methane	ug/L	<0.58	28.6	28.6	26.6	28.6	93	100	12-198	7	26	

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QUALITY CONTROL DATA

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

QC Batch:	460199	Analysis Method:	EPA 8015B Modified
QC Batch Method:	EPA 8015B Modified	Analysis Description:	Methane, Ethane, Ethene GCV
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40270618038, 40270618039, 40270618040, 40270618041

METHOD BLANK: 2642946 Matrix: Water
 Associated Lab Samples: 40270618038, 40270618039, 40270618040, 40270618041

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.39	5.6	11/13/23 09:40	
Ethene	ug/L	<0.25	5.0	11/13/23 09:40	
Methane	ug/L	<0.58	2.8	11/13/23 09:40	

LABORATORY CONTROL SAMPLE & LCSD: 2642947 2642948

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	53.6	53.7	59.8	100	112	80-120	11	20	
Ethene	ug/L	50	50.2	55.6	100	111	80-120	10	20	
Methane	ug/L	28.6	28.0	31.5	98	110	80-120	12	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2643138 2643139

Parameter	Units	40270618041 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Ethane	ug/L	<0.39	53.6	53.6	54.1	56.5	101	105	77-120	4	20	
Ethene	ug/L	<0.25	50	50	50.0	52.4	100	105	76-120	5	20	
Methane	ug/L	<0.58	28.6	28.6	27.5	28.8	96	101	12-198	5	26	

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QUALITY CONTROL DATA

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

QC Batch: 459604 Analysis Method: EPA 8260
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
 Laboratory: Pace Analytical Services - Green Bay
 Associated Lab Samples: 40270618003, 40270618004, 40270618005, 40270618006, 40270618007, 40270618008, 40270618009, 40270618010, 40270618011, 40270618012, 40270618013, 40270618014, 40270618015, 40270618016, 40270618017, 40270618018, 40270618019, 40270618020, 40270618021, 40270618022

METHOD BLANK: 2639527 Matrix: Water
 Associated Lab Samples: 40270618003, 40270618004, 40270618005, 40270618006, 40270618007, 40270618008, 40270618009, 40270618010, 40270618011, 40270618012, 40270618013, 40270618014, 40270618015, 40270618016, 40270618017, 40270618018, 40270618019, 40270618020, 40270618021, 40270618022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	11/09/23 10:05	
Tetrachloroethene	ug/L	<0.41	1.0	11/09/23 10:05	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	11/09/23 10:05	
Trichloroethene	ug/L	<0.32	1.0	11/09/23 10:05	
Vinyl chloride	ug/L	<0.17	1.0	11/09/23 10:05	
1,2-Dichlorobenzene-d4 (S)	%	103	70-130	11/09/23 10:05	
4-Bromofluorobenzene (S)	%	88	70-130	11/09/23 10:05	
Toluene-d8 (S)	%	98	70-130	11/09/23 10:05	

LABORATORY CONTROL SAMPLE: 2639528

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	50	51.4	103	70-130	
Tetrachloroethene	ug/L	50	53.4	107	70-130	
trans-1,2-Dichloroethene	ug/L	50	54.4	109	70-131	
Trichloroethene	ug/L	50	49.6	99	70-130	
Vinyl chloride	ug/L	50	48.8	98	51-145	
1,2-Dichlorobenzene-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			92	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2641504 2641505

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40270618003 Result	Spike Conc.	Spike Conc.	MS Result						
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	48.7	52.7	97	105	70-130	8	20
Tetrachloroethene	ug/L	1.2	50	50	54.8	56.8	107	111	70-131	4	20
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	51.7	57.0	103	114	70-135	10	20
Trichloroethene	ug/L	<0.32	50	50	47.4	48.3	95	97	70-130	2	20
Vinyl chloride	ug/L	<0.17	50	50	45.7	49.3	91	99	45-147	8	20
1,2-Dichlorobenzene-d4 (S)	%						99	100	70-130		
4-Bromofluorobenzene (S)	%						92	92	70-130		
Toluene-d8 (S)	%						100	100	70-130		

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QUALITY CONTROL DATA

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

QC Batch: 459605 Analysis Method: EPA 8260
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
 Laboratory: Pace Analytical Services - Green Bay
 Associated Lab Samples: 40270618023, 40270618024, 40270618025, 40270618026, 40270618027, 40270618028, 40270618029, 40270618030, 40270618031, 40270618032, 40270618033, 40270618034, 40270618035, 40270618036, 40270618037, 40270618038, 40270618039, 40270618040, 40270618041, 40270618042

METHOD BLANK: 2639529 Matrix: Water
 Associated Lab Samples: 40270618023, 40270618024, 40270618025, 40270618026, 40270618027, 40270618028, 40270618029, 40270618030, 40270618031, 40270618032, 40270618033, 40270618034, 40270618035, 40270618036, 40270618037, 40270618038, 40270618039, 40270618040, 40270618041, 40270618042

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	11/10/23 08:23	
Tetrachloroethene	ug/L	<0.41	1.0	11/10/23 08:23	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	11/10/23 08:23	
Trichloroethene	ug/L	<0.32	1.0	11/10/23 08:23	
Vinyl chloride	ug/L	<0.17	1.0	11/10/23 08:23	
1,2-Dichlorobenzene-d4 (S)	%	102	70-130	11/10/23 08:23	
4-Bromofluorobenzene (S)	%	86	70-130	11/10/23 08:23	
Toluene-d8 (S)	%	99	70-130	11/10/23 08:23	

LABORATORY CONTROL SAMPLE: 2639530

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	50	49.7	99	70-130	
Tetrachloroethene	ug/L	50	54.3	109	70-130	
trans-1,2-Dichloroethene	ug/L	50	54.6	109	70-131	
Trichloroethene	ug/L	50	49.3	99	70-130	
Vinyl chloride	ug/L	50	44.8	90	51-145	
1,2-Dichlorobenzene-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			91	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2642186 2642187

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40270618023 Result	Spike Conc.	Spike Conc.	MS Result						
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	51.2	50.6	102	101	70-130	1	20
Tetrachloroethene	ug/L	<0.41	50	50	56.4	54.9	113	110	70-131	3	20
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	38.3	43.1	77	86	70-135	12	20
Trichloroethene	ug/L	<0.32	50	50	50.2	49.2	100	98	70-130	2	20
Vinyl chloride	ug/L	<0.17	50	50	49.0	48.2	98	96	45-147	2	20
1,2-Dichlorobenzene-d4 (S)	%						99	101	70-130		
4-Bromofluorobenzene (S)	%						92	91	70-130		
Toluene-d8 (S)	%						101	99	70-130		

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QUALITY CONTROL DATA

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

QC Batch: 459647

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40270618001, 40270618002

METHOD BLANK: 2639649

Matrix: Water

Associated Lab Samples: 40270618001, 40270618002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	11/09/23 09:43	
Tetrachloroethene	ug/L	<0.41	1.0	11/09/23 09:43	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	11/09/23 09:43	
Trichloroethene	ug/L	<0.32	1.0	11/09/23 09:43	
Vinyl chloride	ug/L	<0.17	1.0	11/09/23 09:43	
1,2-Dichlorobenzene-d4 (S)	%	100	70-130	11/09/23 09:43	
4-Bromofluorobenzene (S)	%	109	70-130	11/09/23 09:43	
Toluene-d8 (S)	%	101	70-130	11/09/23 09:43	

LABORATORY CONTROL SAMPLE: 2639650

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	50	51.7	103	70-130	
Tetrachloroethene	ug/L	50	48.8	98	70-130	
trans-1,2-Dichloroethene	ug/L	50	53.6	107	70-131	
Trichloroethene	ug/L	50	52.7	105	70-130	
Vinyl chloride	ug/L	50	63.7	127	51-145	
1,2-Dichlorobenzene-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			104	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2641389 2641390

Parameter	Units	40270610004		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	Result	MSD Result	% Rec	% Rec					
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	48.9	48.5	98	97	70-130	1	20		
Tetrachloroethene	ug/L	<0.41	50	50	45.7	47.8	91	96	70-131	4	20		
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	52.2	51.9	104	104	70-135	0	20		
Trichloroethene	ug/L	<0.32	50	50	50.1	51.1	100	102	70-130	2	20		
Vinyl chloride	ug/L	<0.17	50	50	54.0	50.2	108	100	45-147	7	20		
1,2-Dichlorobenzene-d4 (S)	%						102	100	70-130				
4-Bromofluorobenzene (S)	%						103	105	70-130				
Toluene-d8 (S)	%						98	101	70-130				

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QUALITY CONTROL DATA

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

QC Batch:	459868	Analysis Method:	HACH 8146
QC Batch Method:	HACH 8146	Analysis Description:	Iron, Ferrous
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40270618001, 40270618002, 40270618003, 40270618004, 40270618005, 40270618006, 40270618007, 40270618008, 40270618009, 40270618010, 40270618011, 40270618012, 40270618013, 40270618014, 40270618015, 40270618016, 40270618017, 40270618018, 40270618019, 40270618020		

METHOD BLANK:	2640811	Matrix:	Water
Associated Lab Samples:	40270618001, 40270618002, 40270618003, 40270618004, 40270618005, 40270618006, 40270618007, 40270618008, 40270618009, 40270618010, 40270618011, 40270618012, 40270618013, 40270618014, 40270618015, 40270618016, 40270618017, 40270618018, 40270618019, 40270618020		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron, Ferrous	mg/L	<0.013	0.050	11/08/23 10:46	H6

LABORATORY CONTROL SAMPLE:	2640812					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Ferrous	mg/L	0.6	0.64	107	80-120	H6

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2640813			2640814								
Parameter	Units	40270618001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron, Ferrous	mg/L	2.5	6	6	8.8	8.8	105	105	80-120	0	20	H6

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QUALITY CONTROL DATA

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

QC Batch:	460525	Analysis Method:	HACH 8146
QC Batch Method:	HACH 8146	Analysis Description:	Iron, Ferrous
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40270618021, 40270618022, 40270618023, 40270618024, 40270618025, 40270618026, 40270618027, 40270618028, 40270618029, 40270618030, 40270618031, 40270618032, 40270618033, 40270618034, 40270618035, 40270618036, 40270618037, 40270618038, 40270618039, 40270618040		

METHOD BLANK:	2644352	Matrix:	Water
Associated Lab Samples:	40270618021, 40270618022, 40270618023, 40270618024, 40270618025, 40270618026, 40270618027, 40270618028, 40270618029, 40270618030, 40270618031, 40270618032, 40270618033, 40270618034, 40270618035, 40270618036, 40270618037, 40270618038, 40270618039, 40270618040		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron, Ferrous	mg/L	<0.013	0.050	11/15/23 15:05	H6

LABORATORY CONTROL SAMPLE:	2644353					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Ferrous	mg/L	0.6	0.61	102	80-120	H6

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2644354			2644355								
Parameter	Units	40270618021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron, Ferrous	mg/L	0.053	0.6	0.6	0.66	0.65	100	100	80-120	0	20	H6

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QUALITY CONTROL DATA

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

QC Batch: 460854

Analysis Method: HACH 8146

QC Batch Method: HACH 8146

Analysis Description: Iron, Ferrous

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40270618041

METHOD BLANK: 2646453

Matrix: Water

Associated Lab Samples: 40270618041

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron, Ferrous	mg/L	<0.013	0.050	11/20/23 10:44	H6

LABORATORY CONTROL SAMPLE: 2646454

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Ferrous	mg/L	0.6	0.63	106	80-120	H6

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2646455 2646456

Parameter	Units	2646455		2646456		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Iron, Ferrous	mg/L	0.097	0.6	0.62	0.66	88	93	80-120	5	20	H6

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QUALITY CONTROL DATA

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

QC Batch: 460399 Analysis Method: EPA 300.0
 QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
 Laboratory: Pace Analytical Services - Green Bay
 Associated Lab Samples: 40270618001, 40270618002, 40270618003, 40270618004, 40270618005, 40270618006, 40270618007, 40270618008, 40270618009, 40270618010, 40270618011, 40270618012, 40270618013

METHOD BLANK: 2643901 Matrix: Water
 Associated Lab Samples: 40270618001, 40270618002, 40270618003, 40270618004, 40270618005, 40270618006, 40270618007, 40270618008, 40270618009, 40270618010, 40270618011, 40270618012, 40270618013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	11/18/23 16:29	

LABORATORY CONTROL SAMPLE: 2643902

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	21.0	105	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2643903 2643904

Parameter	Units	40270535001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	249	400	400	670	669	105	105	90-110	0	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2643905 2643906

Parameter	Units	40270618013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	21.8	20	20	44.8	45.1	115	116	90-110	1	15 M0	

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QUALITY CONTROL DATA

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

QC Batch:	460668	Analysis Method:	EPA 300.0
QC Batch Method:	EPA 300.0	Analysis Description:	300.0 IC Anions
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40270618014, 40270618015, 40270618016, 40270618017, 40270618018, 40270618019, 40270618020, 40270618021, 40270618022, 40270618023, 40270618024, 40270618025, 40270618026, 40270618027, 40270618028, 40270618029, 40270618030, 40270618031, 40270618032, 40270618033		

METHOD BLANK:	2645198	Matrix:	Water
Associated Lab Samples:	40270618014, 40270618015, 40270618016, 40270618017, 40270618018, 40270618019, 40270618020, 40270618021, 40270618022, 40270618023, 40270618024, 40270618025, 40270618026, 40270618027, 40270618028, 40270618029, 40270618030, 40270618031, 40270618032, 40270618033		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	11/17/23 12:15	

LABORATORY CONTROL SAMPLE:	2645199					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	18.9	95	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2645200			2645201								
Parameter	Units	40270618014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	19.6	20	20	42.3	42.4	114	114	90-110	0	15 M0	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2645202			2645203								
Parameter	Units	40270618033 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	17.5	20	20	40.2	40.3	113	114	90-110	0	15 M0	

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QUALITY CONTROL DATA

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

QC Batch:	460669	Analysis Method:	EPA 300.0
QC Batch Method:	EPA 300.0	Analysis Description:	300.0 IC Anions
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40270618034, 40270618035, 40270618036, 40270618037, 40270618038, 40270618039, 40270618040, 40270618041

METHOD BLANK:	2645206	Matrix:	Water
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Associated Lab Samples: 40270618034, 40270618035, 40270618036, 40270618037, 40270618038, 40270618039, 40270618040, 40270618041

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	11/18/23 13:26	

LABORATORY CONTROL SAMPLE: 2645207						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	20.9	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2645208												2645209	
Parameter	Units	40270618034 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
Sulfate	mg/L	20.8	20	20	43.7	43.4	114	113	90-110	1	15	M0	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2645210												2645211	
Parameter	Units	40270618039 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
Sulfate	mg/L	2.4	20	20	24.2	24.4	109	110	90-110	1	15		

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QUALITY CONTROL DATA

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

QC Batch:	460484	Analysis Method:	EPA 353.2
QC Batch Method:	EPA 353.2	Analysis Description:	353.2 Nitrate + Nitrite, preserved
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40270618001, 40270618002, 40270618003, 40270618004, 40270618005, 40270618006, 40270618007, 40270618008, 40270618009, 40270618010, 40270618011, 40270618012, 40270618013, 40270618014, 40270618015, 40270618016		

METHOD BLANK:	2644278	Matrix:	Water
Associated Lab Samples:	40270618001, 40270618002, 40270618003, 40270618004, 40270618005, 40270618006, 40270618007, 40270618008, 40270618009, 40270618010, 40270618011, 40270618012, 40270618013, 40270618014, 40270618015, 40270618016		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	<0.059	0.25	11/16/23 13:51	

LABORATORY CONTROL SAMPLE:	2644279					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	2.5	2.6	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2644280			2644281								
Parameter	Units	40270599005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	1.3	2.5	2.5	3.8	3.9	101	101	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2644282			2644283								
Parameter	Units	40270618016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	1.3	2.5	2.5	3.9	3.2	103	76	90-110	19	20 M0	

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QUALITY CONTROL DATA

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

QC Batch:	460485	Analysis Method:	EPA 353.2
QC Batch Method:	EPA 353.2	Analysis Description:	353.2 Nitrate + Nitrite, preserved
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40270618017, 40270618018, 40270618019, 40270618020, 40270618021, 40270618022, 40270618023, 40270618024, 40270618025, 40270618026, 40270618027, 40270618028, 40270618029, 40270618030, 40270618031, 40270618032, 40270618033, 40270618034, 40270618035, 40270618036		

METHOD BLANK:	2644284	Matrix:	Water
Associated Lab Samples:	40270618017, 40270618018, 40270618019, 40270618020, 40270618021, 40270618022, 40270618023, 40270618024, 40270618025, 40270618026, 40270618027, 40270618028, 40270618029, 40270618030, 40270618031, 40270618032, 40270618033, 40270618034, 40270618035, 40270618036		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	<0.059	0.25	11/16/23 14:18	

LABORATORY CONTROL SAMPLE:	2644285					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	2.5	2.6	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2644286			2644287								
Parameter	Units	40270618017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	<0.059	2.5	2.5	2.6	2.6	102	103	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2644288			2644289								
Parameter	Units	40270618035 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	0.57	2.5	2.5	3.2	3.2	103	105	90-110	1	20	

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QUALITY CONTROL DATA

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

QC Batch: 460487 Analysis Method: EPA 353.2
 QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate + Nitrite, preserved
 Laboratory: Pace Analytical Services - Green Bay
 Associated Lab Samples: 40270618037, 40270618038, 40270618039, 40270618040, 40270618041

METHOD BLANK: 2644292 Matrix: Water
 Associated Lab Samples: 40270618037, 40270618038, 40270618039, 40270618040, 40270618041

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	<0.059	0.25	11/16/23 14:42	

LABORATORY CONTROL SAMPLE: 2644293

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	2.5	2.6	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2644294 2644295

Parameter	Units	2644294		2644295		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40270618038 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Nitrogen, NO2 plus NO3	mg/L	0.72	2.5	2.5	3.3	3.3	102	103	90-110	1	20

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2644296 2644297

Parameter	Units	2644296		2644297		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40270823001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Nitrogen, NO2 plus NO3	mg/L	4.7	2.5	2.5	7.1	7.1	97	98	90-110	1	20

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QUALITY CONTROL DATA

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

QC Batch: 459946 Analysis Method: SM 5310C
 QC Batch Method: SM 5310C Analysis Description: 5310C Total Organic Carbon
 Laboratory: Pace Analytical Services - Green Bay
 Associated Lab Samples: 40270618001, 40270618002, 40270618003, 40270618004, 40270618005, 40270618006, 40270618007, 40270618008, 40270618009, 40270618010, 40270618011, 40270618012, 40270618013, 40270618014

METHOD BLANK: 2641234 Matrix: Water
 Associated Lab Samples: 40270618001, 40270618002, 40270618003, 40270618004, 40270618005, 40270618006, 40270618007, 40270618008, 40270618009, 40270618010, 40270618011, 40270618012, 40270618013, 40270618014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.19	0.50	11/09/23 07:34	

LABORATORY CONTROL SAMPLE: 2641235

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	12.5	13.4	107	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2641236 2641237

Parameter	Units	40270618001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	7.2	18	18	24.9	24.9	98	98	80-120	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2641238 2641239

Parameter	Units	40270618002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	0.97	6	6	7.0	7.2	101	103	80-120	2	10	

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QUALITY CONTROL DATA

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

QC Batch:	460057	Analysis Method:	SM 5310C
QC Batch Method:	SM 5310C	Analysis Description:	5310C Total Organic Carbon
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40270618015, 40270618016, 40270618017, 40270618018, 40270618019, 40270618020, 40270618021, 40270618022, 40270618023, 40270618024, 40270618025, 40270618026, 40270618027, 40270618028, 40270618029, 40270618030, 40270618031, 40270618032, 40270618033		

METHOD BLANK:	2642027	Matrix:	Water
Associated Lab Samples:	40270618015, 40270618016, 40270618017, 40270618018, 40270618019, 40270618020, 40270618021, 40270618022, 40270618023, 40270618024, 40270618025, 40270618026, 40270618027, 40270618028, 40270618029, 40270618030, 40270618031, 40270618032, 40270618033		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.19	0.50	11/10/23 17:36	

LABORATORY CONTROL SAMPLE:	2642028					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	12.5	12.8	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2642029			2642030								
Parameter	Units	40270618015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	1.2	6	6	7.6	7.3	106	102	80-120	3	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2642031			2642032								
Parameter	Units	40270618016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	1.2	6	6	7.4	7.5	103	105	80-120	2	10	

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.

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QUALITY CONTROL DATA

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

QC Batch: 460165 Analysis Method: SM 5310C
 QC Batch Method: SM 5310C Analysis Description: 5310C Total Organic Carbon
 Laboratory: Pace Analytical Services - Green Bay
 Associated Lab Samples: 40270618034, 40270618035, 40270618036, 40270618037, 40270618038, 40270618039, 40270618040, 40270618041

METHOD BLANK: 2642810 Matrix: Water
 Associated Lab Samples: 40270618034, 40270618035, 40270618036, 40270618037, 40270618038, 40270618039, 40270618040, 40270618041

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.19	0.50	11/13/23 05:48	

LABORATORY CONTROL SAMPLE: 2642811

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	12.5	13.6	109	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2642812 2642813

Parameter	Units	40270618034 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	0.99	6	6	6.9	6.9	98	98	80-120	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2642814 2642815

Parameter	Units	40270618035 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	2.2	6	6	8.3	8.4	102	102	80-120	0	10	

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.

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QUALIFIERS

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

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.

DL - Adjusted Method Detection Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

ANALYTE QUALIFIERS

H6 Analysis initiated outside of the 15 minute EPA required holding time.

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

P4 Sample field preservation does not meet EPA or method recommendations for this analysis.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40270618001	MW-1	EPA 8015B Modified	459963		
40270618002	MW-2	EPA 8015B Modified	459963		
40270618003	MW-3	EPA 8015B Modified	459963		
40270618004	MW-4	EPA 8015B Modified	459963		
40270618005	MW-5	EPA 8015B Modified	459963		
40270618006	MW-6	EPA 8015B Modified	459963		
40270618007	MW-7	EPA 8015B Modified	459963		
40270618008	MW-8	EPA 8015B Modified	459963		
40270618009	MW-9	EPA 8015B Modified	459963		
40270618010	MW-10	EPA 8015B Modified	459963		
40270618011	MW-11	EPA 8015B Modified	459963		
40270618012	MW-12	EPA 8015B Modified	459963		
40270618013	MW-13	EPA 8015B Modified	459963		
40270618014	MW-13D	EPA 8015B Modified	459963		
40270618015	MW-14	EPA 8015B Modified	459963		
40270618016	MW-15S	EPA 8015B Modified	459963		
40270618017	MW-15D	EPA 8015B Modified	459963		
40270618018	MW-16S	EPA 8015B Modified	460030		
40270618019	MW-16D	EPA 8015B Modified	460030		
40270618020	MW-17	EPA 8015B Modified	460030		
40270618021	MW-17-40	EPA 8015B Modified	460030		
40270618022	MW-17-70	EPA 8015B Modified	460030		
40270618023	MW-6 (LT)	EPA 8015B Modified	460030		
40270618024	MW-6-30 (LT)	EPA 8015B Modified	460030		
40270618025	MW-6-50 (LT)	EPA 8015B Modified	460030		
40270618026	MW-7 (LT)	EPA 8015B Modified	460030		
40270618027	MW-7-30 (LT)	EPA 8015B Modified	460030		
40270618028	MW-7-50 (LT)	EPA 8015B Modified	460030		
40270618029	MW-10 (LT)	EPA 8015B Modified	460030		
40270618030	MW-10-30 (LT)	EPA 8015B Modified	460030		
40270618031	MW-10-50 (LT)	EPA 8015B Modified	460030		
40270618032	PZ-6	EPA 8015B Modified	460030		
40270618033	PZ-7	EPA 8015B Modified	460030		
40270618034	PZ-8	EPA 8015B Modified	460030		
40270618035	PZ-9	EPA 8015B Modified	460030		
40270618036	MW-5 (EQ)	EPA 8015B Modified	460030		
40270618037	MW-7 (EQ)	EPA 8015B Modified	460030		
40270618038	MUNI #2	EPA 8015B Modified	460199		
40270618039	MW-1 DUP	EPA 8015B Modified	460199		
40270618040	MW-7 (LT) DUP	EPA 8015B Modified	460199		
40270618041	MW-7 DUP	EPA 8015B Modified	460199		
40270618001	MW-1	EPA 8260	459647		
40270618002	MW-2	EPA 8260	459647		
40270618003	MW-3	EPA 8260	459604		
40270618004	MW-4	EPA 8260	459604		
40270618005	MW-5	EPA 8260	459604		
40270618006	MW-6	EPA 8260	459604		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40270618007	MW-7	EPA 8260	459604		
40270618008	MW-8	EPA 8260	459604		
40270618009	MW-9	EPA 8260	459604		
40270618010	MW-10	EPA 8260	459604		
40270618011	MW-11	EPA 8260	459604		
40270618012	MW-12	EPA 8260	459604		
40270618013	MW-13	EPA 8260	459604		
40270618014	MW-13D	EPA 8260	459604		
40270618015	MW-14	EPA 8260	459604		
40270618016	MW-15S	EPA 8260	459604		
40270618017	MW-15D	EPA 8260	459604		
40270618018	MW-16S	EPA 8260	459604		
40270618019	MW-16D	EPA 8260	459604		
40270618020	MW-17	EPA 8260	459604		
40270618021	MW-17-40	EPA 8260	459604		
40270618022	MW-17-70	EPA 8260	459604		
40270618023	MW-6 (LT)	EPA 8260	459605		
40270618024	MW-6-30 (LT)	EPA 8260	459605		
40270618025	MW-6-50 (LT)	EPA 8260	459605		
40270618026	MW-7 (LT)	EPA 8260	459605		
40270618027	MW-7-30 (LT)	EPA 8260	459605		
40270618028	MW-7-50 (LT)	EPA 8260	459605		
40270618029	MW-10 (LT)	EPA 8260	459605		
40270618030	MW-10-30 (LT)	EPA 8260	459605		
40270618031	MW-10-50 (LT)	EPA 8260	459605		
40270618032	PZ-6	EPA 8260	459605		
40270618033	PZ-7	EPA 8260	459605		
40270618034	PZ-8	EPA 8260	459605		
40270618035	PZ-9	EPA 8260	459605		
40270618036	MW-5 (EQ)	EPA 8260	459605		
40270618037	MW-7 (EQ)	EPA 8260	459605		
40270618038	MUNI #2	EPA 8260	459605		
40270618039	MW-1 DUP	EPA 8260	459605		
40270618040	MW-7 (LT) DUP	EPA 8260	459605		
40270618041	MW-7 DUP	EPA 8260	459605		
40270618042	TRIP BLANK	EPA 8260	459605		
40270618001	MW-1	HACH 8146	459868		
40270618002	MW-2	HACH 8146	459868		
40270618003	MW-3	HACH 8146	459868		
40270618004	MW-4	HACH 8146	459868		
40270618005	MW-5	HACH 8146	459868		
40270618006	MW-6	HACH 8146	459868		
40270618007	MW-7	HACH 8146	459868		
40270618008	MW-8	HACH 8146	459868		
40270618009	MW-9	HACH 8146	459868		
40270618010	MW-10	HACH 8146	459868		
40270618011	MW-11	HACH 8146	459868		
40270618012	MW-12	HACH 8146	459868		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40270618013	MW-13	HACH 8146	459868		
40270618014	MW-13D	HACH 8146	459868		
40270618015	MW-14	HACH 8146	459868		
40270618016	MW-15S	HACH 8146	459868		
40270618017	MW-15D	HACH 8146	459868		
40270618018	MW-16S	HACH 8146	459868		
40270618019	MW-16D	HACH 8146	459868		
40270618020	MW-17	HACH 8146	459868		
40270618021	MW-17-40	HACH 8146	460525		
40270618022	MW-17-70	HACH 8146	460525		
40270618023	MW-6 (LT)	HACH 8146	460525		
40270618024	MW-6-30 (LT)	HACH 8146	460525		
40270618025	MW-6-50 (LT)	HACH 8146	460525		
40270618026	MW-7 (LT)	HACH 8146	460525		
40270618027	MW-7-30 (LT)	HACH 8146	460525		
40270618028	MW-7-50 (LT)	HACH 8146	460525		
40270618029	MW-10 (LT)	HACH 8146	460525		
40270618030	MW-10-30 (LT)	HACH 8146	460525		
40270618031	MW-10-50 (LT)	HACH 8146	460525		
40270618032	PZ-6	HACH 8146	460525		
40270618033	PZ-7	HACH 8146	460525		
40270618034	PZ-8	HACH 8146	460525		
40270618035	PZ-9	HACH 8146	460525		
40270618036	MW-5 (EQ)	HACH 8146	460525		
40270618037	MW-7 (EQ)	HACH 8146	460525		
40270618038	MUNI #2	HACH 8146	460525		
40270618039	MW-1 DUP	HACH 8146	460525		
40270618040	MW-7 (LT) DUP	HACH 8146	460525		
40270618041	MW-7 DUP	HACH 8146	460854		
40270618001	MW-1	EPA 300.0	460399		
40270618002	MW-2	EPA 300.0	460399		
40270618003	MW-3	EPA 300.0	460399		
40270618004	MW-4	EPA 300.0	460399		
40270618005	MW-5	EPA 300.0	460399		
40270618006	MW-6	EPA 300.0	460399		
40270618007	MW-7	EPA 300.0	460399		
40270618008	MW-8	EPA 300.0	460399		
40270618009	MW-9	EPA 300.0	460399		
40270618010	MW-10	EPA 300.0	460399		
40270618011	MW-11	EPA 300.0	460399		
40270618012	MW-12	EPA 300.0	460399		
40270618013	MW-13	EPA 300.0	460399		
40270618014	MW-13D	EPA 300.0	460668		
40270618015	MW-14	EPA 300.0	460668		
40270618016	MW-15S	EPA 300.0	460668		
40270618017	MW-15D	EPA 300.0	460668		
40270618018	MW-16S	EPA 300.0	460668		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40270618019	MW-16D	EPA 300.0	460668		
40270618020	MW-17	EPA 300.0	460668		
40270618021	MW-17-40	EPA 300.0	460668		
40270618022	MW-17-70	EPA 300.0	460668		
40270618023	MW-6 (LT)	EPA 300.0	460668		
40270618024	MW-6-30 (LT)	EPA 300.0	460668		
40270618025	MW-6-50 (LT)	EPA 300.0	460668		
40270618026	MW-7 (LT)	EPA 300.0	460668		
40270618027	MW-7-30 (LT)	EPA 300.0	460668		
40270618028	MW-7-50 (LT)	EPA 300.0	460668		
40270618029	MW-10 (LT)	EPA 300.0	460668		
40270618030	MW-10-30 (LT)	EPA 300.0	460668		
40270618031	MW-10-50 (LT)	EPA 300.0	460668		
40270618032	PZ-6	EPA 300.0	460668		
40270618033	PZ-7	EPA 300.0	460668		
40270618034	PZ-8	EPA 300.0	460669		
40270618035	PZ-9	EPA 300.0	460669		
40270618036	MW-5 (EQ)	EPA 300.0	460669		
40270618037	MW-7 (EQ)	EPA 300.0	460669		
40270618038	MUNI #2	EPA 300.0	460669		
40270618039	MW-1 DUP	EPA 300.0	460669		
40270618040	MW-7 (LT) DUP	EPA 300.0	460669		
40270618041	MW-7 DUP	EPA 300.0	460669		
40270618001	MW-1	EPA 353.2	460484		
40270618002	MW-2	EPA 353.2	460484		
40270618003	MW-3	EPA 353.2	460484		
40270618004	MW-4	EPA 353.2	460484		
40270618005	MW-5	EPA 353.2	460484		
40270618006	MW-6	EPA 353.2	460484		
40270618007	MW-7	EPA 353.2	460484		
40270618008	MW-8	EPA 353.2	460484		
40270618009	MW-9	EPA 353.2	460484		
40270618010	MW-10	EPA 353.2	460484		
40270618011	MW-11	EPA 353.2	460484		
40270618012	MW-12	EPA 353.2	460484		
40270618013	MW-13	EPA 353.2	460484		
40270618014	MW-13D	EPA 353.2	460484		
40270618015	MW-14	EPA 353.2	460484		
40270618016	MW-15S	EPA 353.2	460484		
40270618017	MW-15D	EPA 353.2	460485		
40270618018	MW-16S	EPA 353.2	460485		
40270618019	MW-16D	EPA 353.2	460485		
40270618020	MW-17	EPA 353.2	460485		
40270618021	MW-17-40	EPA 353.2	460485		
40270618022	MW-17-70	EPA 353.2	460485		
40270618023	MW-6 (LT)	EPA 353.2	460485		
40270618024	MW-6-30 (LT)	EPA 353.2	460485		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40270618025	MW-6-50 (LT)	EPA 353.2	460485		
40270618026	MW-7 (LT)	EPA 353.2	460485		
40270618027	MW-7-30 (LT)	EPA 353.2	460485		
40270618028	MW-7-50 (LT)	EPA 353.2	460485		
40270618029	MW-10 (LT)	EPA 353.2	460485		
40270618030	MW-10-30 (LT)	EPA 353.2	460485		
40270618031	MW-10-50 (LT)	EPA 353.2	460485		
40270618032	PZ-6	EPA 353.2	460485		
40270618033	PZ-7	EPA 353.2	460485		
40270618034	PZ-8	EPA 353.2	460485		
40270618035	PZ-9	EPA 353.2	460485		
40270618036	MW-5 (EQ)	EPA 353.2	460485		
40270618037	MW-7 (EQ)	EPA 353.2	460487		
40270618038	MUNI #2	EPA 353.2	460487		
40270618039	MW-1 DUP	EPA 353.2	460487		
40270618040	MW-7 (LT) DUP	EPA 353.2	460487		
40270618041	MW-7 DUP	EPA 353.2	460487		
40270618001	MW-1	SM 5310C	459946		
40270618002	MW-2	SM 5310C	459946		
40270618003	MW-3	SM 5310C	459946		
40270618004	MW-4	SM 5310C	459946		
40270618005	MW-5	SM 5310C	459946		
40270618006	MW-6	SM 5310C	459946		
40270618007	MW-7	SM 5310C	459946		
40270618008	MW-8	SM 5310C	459946		
40270618009	MW-9	SM 5310C	459946		
40270618010	MW-10	SM 5310C	459946		
40270618011	MW-11	SM 5310C	459946		
40270618012	MW-12	SM 5310C	459946		
40270618013	MW-13	SM 5310C	459946		
40270618014	MW-13D	SM 5310C	459946		
40270618015	MW-14	SM 5310C	460057		
40270618016	MW-15S	SM 5310C	460057		
40270618017	MW-15D	SM 5310C	460057		
40270618018	MW-16S	SM 5310C	460057		
40270618019	MW-16D	SM 5310C	460057		
40270618020	MW-17	SM 5310C	460057		
40270618021	MW-17-40	SM 5310C	460057		
40270618022	MW-17-70	SM 5310C	460057		
40270618023	MW-6 (LT)	SM 5310C	460057		
40270618024	MW-6-30 (LT)	SM 5310C	460057		
40270618025	MW-6-50 (LT)	SM 5310C	460057		
40270618026	MW-7 (LT)	SM 5310C	460057		
40270618027	MW-7-30 (LT)	SM 5310C	460057		
40270618028	MW-7-50 (LT)	SM 5310C	460057		
40270618029	MW-10 (LT)	SM 5310C	460057		
40270618030	MW-10-30 (LT)	SM 5310C	460057		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 11003 WDNR LAUNDRY BASKET

Pace Project No.: 40270618

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40270618031	MW-10-50 (LT)	SM 5310C	460057		
40270618032	PZ-6	SM 5310C	460057		
40270618033	PZ-7	SM 5310C	460057		
40270618034	PZ-8	SM 5310C	460165		
40270618035	PZ-9	SM 5310C	460165		
40270618036	MW-5 (EQ)	SM 5310C	460165		
40270618037	MW-7 (EQ)	SM 5310C	460165		
40270618038	MUNI #2	SM 5310C	460165		
40270618039	MW-1 DUP	SM 5310C	460165		
40270618040	MW-7 (LT) DUP	SM 5310C	460165		
40270618041	MW-7 DUP	SM 5310C	460165		

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40270618

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ALL SHADED AREAS are for LAB USE ONLY

Company: *WE Engineering Inc*
 Billing Information: *See*
 Address: *4080 NW 20th Ave, Lakewood, CO 80112*
 Report To: *Chase Kroll*
 Email To: *[Redacted]*
 Copy To: *Dave Larsen*
 Site Collection Info/Address:
 Customer Project Name/Number: *WDR Laundry basket / 11003*
 State: *WY* County/City: _____ Time Zone Collected: [] PT [] MT [] CT [] ET
 Phone: *303 675 8784* Site/Facility ID #: _____ Compliance Monitoring? [] Yes [] No
 Email: *chase@weinc.com*
 Collected By (print): *Chase Kroll* Purchase Order #: _____ DW PWS ID #: _____
 Quote #: _____ DW Location Code: _____
 Collected By (signature): *[Signature]* Turnaround Date Required: _____ Immediately Packed on Ice: [X] Yes [] No
 Sample Disposal: [] Same Day [] Next Day [] 2 Day [] 3 Day [] 4 Day [] 5 Day (Expedite Charges Apply)
 [] Archive: _____ [] Hold: _____ Field Filtered (if applicable): [] Yes [] No
 Analysis: _____

Container Preservative Type **: *3132VVVZ* Lab Project Manager: _____
 Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Analyses

<i>Cu</i>	<i>Ni</i>	<i>As</i>	<i>Se</i>	<i>Pb</i>	<i>Cd</i>	<i>Hg</i>	<i>Cr</i>	<i>Mn</i>	<i>Fe</i>	<i>Zn</i>	<i>Co</i>	<i>Mg</i>	<i>Ca</i>	<i>Na</i>	<i>K</i>	<i>SO₄</i>	<i>NO₃</i>	<i>NO₂</i>	<i>TOC</i>
-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	----------	-----------------------	-----------------------	-----------------------	------------

Lab Profile/Line: _____
 Lab Sample Receipt Checklist:
 Custody Seals Present/Intact Y N NA
 Custody Signatures Present Y N NA
 Collector Signatures Present Y N NA
 Bottles Intact Y N NA
 Correct Bottles Y N NA
 Sufficient Volume Y N NA
 Samples Received on Ice Y N NA
 VOA - Headspace Acceptable Y N NA
 USDA Regulated Soils Y N NA
 Samples in Holding Time Y N NA
 Residual Chlorine Present Y N NA
 Cl Strips: _____
 Sample pH Acceptable Y N NA
 pH Strips: _____
 Sulfide Present Y N NA
 Lead Acetate Strips: _____
 LAB USE ONLY:
 Lab Sample # / Comments: *11-1023*

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns
			Date	Time	Date	Time		
MW-1	GW	G	11/1/23	0915				<i>10</i>
MW-2				0830				<i>1</i>
MW-3				1015				<i>1</i>
MW-4				1120				<i>1</i>
MW-5				1010				<i>1</i>
MW-6			11/2/23	1700				<i>1</i>
MW-7				1440				<i>1</i>
MW-8				1620				<i>1</i>
MW-9				1800				<i>1</i>
MW-10				1400				<i>1</i>

Customer Remarks / Special Conditions / Possible Hazards: _____
 Type of Ice Used: Wet Blue Dry None
 Packing Material Used: *[Redacted]*
 Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A
 Lab Tracking #: *2730765*
 Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
 Temp Blank Received: Y N NA
 Therm ID #: *[Redacted]*
 Cooler 1 Temp Upon Receipt: _____ oC
 Cooler 1 Therm Corr. Factor: _____ oC
 Cooler 1 Corrected Temp: _____ oC
 Comments: _____

Relinquished by/Company: (Signature) *[Signature]*
 Date/Time: *11/3/23 1210*
 Relinquished by/Company: (Signature) *Walt CO*
 Date/Time: *11-3-23 0845*
 Relinquished by/Company: (Signature) _____
 Date/Time: _____

Received by/Company: (Signature) _____
 Date/Time: _____
 Received by/Company: (Signature) *Robert Pace*
 Date/Time: *11-23 0845*
 Received by/Company: (Signature) _____
 Date/Time: _____

MTJL LAB USE ONLY
 Table #: *[Redacted]*
 Acctnum: _____
 Template: _____
 Prelogin: _____
 PM: _____
 PB: _____

Temp Blank Received: Y N NA
 HCL *[Redacted]* TSP Other
 Non Conformance(s): Page 72 of 82
 YES / NO of: *5*



CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

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

40270618

ALL SHADED AREAS are for LAB USE ONLY

Company: REI

Billing Information:

Address:

Report To: Chave Kresl

Container Preservative Type **
313210012

Lab Project Manager:

Copy To:

Email To:

** Preservative Types. (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Customer Project Name/Number:
WDR Laundry Basket 1/10/23

State: 1 County/City: Time Zone Collected:
[] PT [] MT [] CT [] ET

Analyses

Lab Profile/Line:

Phone:

Site/Facility ID #:

Compliance Monitoring?
[] Yes [] No

Lab Sample Receipt Checklist:

Custody Seals Present/Intact Y N NA
 Custody Signatures Present Y N NA
 Collector Signature Present Y N NA
 Bottles Intact Y N NA
 Correct Bottles Y N NA
 Sufficient Volume Y N NA
 Samples Received on Ice Y N NA
 VOA - Headspace Acceptable Y N NA
 USDA Regulated Soils Y N NA
 Samples in Holding Time Y N NA
 Residual Chlorine Present Y N NA
 Cl Strips: _____
 Sample pH Acceptable Y N NA
 pH Strips: _____
 Sulfide Present Y N NA
 Lead Acetate Strips: _____

Email:

Purchase Order #:

DW PWS ID #:
Quote #:

Collected By (print):

Turnaround Date Required:

Immediately Packed on Ice:
[] Yes [] No

Collected By (signature):
CL

Rush:
[] Same Day [] Next Day
[] 2 Day [] 3 Day [] 4 Day [] 5 Day
(Expedite Charges Apply)

Field Filtered (if applicable):
[] Yes [] No

Sample Disposal:
[] Dispose as appropriate [] Return
[] Archive: _____
[] Hold: _____

Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns	C	U	F	T	O	
			Date	Time	Date	Time								
Mw-11	GW	G	11/1/23	1210				10	X	X	X	X	X	
Mw-12				1230										
Mw-13			11/2/23	1300										
Mw-13.0				1240										
Mw-14				1330										
Mw-15.5				1110										
Mw-15.0				1050										
Mw-16.5				1210										
Mw-16.0				1150										
Mw-17			11/1/23	1530										

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: (1)

Radchem sample(s) screened (<500 ppm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2730766

Samples received via:
FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:

Temp Blank Received: Y N NA

Therm ID#: (1)

Cooler 1 Temp Upon Receipt: _____ °C

Cooler 1 Therm Corr. Factor: _____ °C

Cooler 1 Corrected Temp: _____ °C

Comments:

Relinquished by/Company: (Signature)
Ch Kresl

Date/Time:
11/3/23 1230

Received by/Company: (Signature)
Robert Pace

Date/Time:
11-4-23 0815

MTJL LAB USE ONLY
Table #: (1)

Relinquished by/Company: (Signature)
Walter

Date/Time:
11-4-23 0815

Received by/Company: (Signature)
Robert Pace

Date/Time:
11-4-23 0815

Acctnum:
Template:
Prelogin:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Relinquished by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

PM:
PB:

Non Conformance(s): 3
YES / NO of: 5



CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

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40270618

ALL SHADED AREAS are for LAB USE ONLY

Company: **DEI**

Address: _____

Report To: _____

Copy To: _____

Customer Project Name/Number: **WDR Laundry Bucket / 11/002**

State: **1** County/City: _____ Time Zone Collected: [] PT [] MT [] CT [] ET

Phone: _____ Site/Facility ID #: _____ Compliance Monitoring? [] Yes [] No

Email: _____

Collected By (print): _____ Purchase Order #: _____ DW PWS ID #: _____

Collected By (signature): *U L* Turnaround Date Required: _____ DW Location Code: _____

Sample Disposal: [] Dispose as appropriate [] Return [] Archive: _____ [] Hold: _____ Rush: [] Same Day [] Next Day [] 2 Day [] 3 Day [] 4 Day [] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [] Yes [] No

Analysis: _____

Container Preservative Type ** **312 2 U U U 2**

Lab Project Manager: _____

*Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Analyses		Lab Profile/Line:
Uol	MEE	Lab Sample Receipt Checklist: Custody Seals Present/Intact Y N NA Custody Signatures Present Y N NA Collector Signature Present Y N NA Bottles Intact Y N NA Correct Bottles Y N NA Sufficient Volume Y N NA Samples Received on Ice Y N NA VOA - Headspace Acceptable Y N NA USDA Regulated Soils Y N NA Samples in Holding Time Y N NA Residual Chlorine Present Y N NA Cl Strips: _____ Sample pH Acceptable Y N NA pH Strips: _____ Sulfide Present Y N NA Lead Acetate Strips: _____ LAB USE ONLY: Lab Sample # / Comments: _____
M+N	CO ₂	
Fe	TOL	

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns
			Date	Time	Date	Time		
MW-17-40	GW	6	11/1/23	1600				10 X X X X X X
MW-17-70				1630				
MW-6/LT			11/2/23	1010				
MW-6-30(LT)				0240				
MW-6-50(LT)				0210				
MW-7(LT)				0720				
MW-7-30(LT)				0810				
MW-7-50(LT)				0810				
MW-10(LT)			11/1/23	1350				
MW-10-30(LT)				1420				

Customer Remarks / Special Conditions / Possible Hazards: _____

Type of Ice Used: Wet Blue Dry None

Packing Material Used: **①**

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: **2730767**

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:

Temp Blank Received: Y N NA

Therm ID#: _____

Cooler 1 Temp Upon Receipt: _____ oC

Cooler 1 Therm Corr. Factor: _____ oC

Cooler 1 Corrected Temp: _____ oC

Comments: _____

Relinquished by/Company: (Signature) *U L* Date/Time: **11/3/23 1230**

Relinquished by/Company: (Signature) **WALTON** Date/Time: **11-4-23 0845**

Relinquished by/Company: (Signature) _____ Date/Time: _____

Received by/Company: (Signature) _____ Date/Time: _____

Received by/Company: (Signature) **ROBERT POOL** Date/Time: **11-4-23 0845**

Received by/Company: (Signature) _____ Date/Time: _____

MTJL LAB USE ONLY

Table #: **①**

Accum: _____

Template: _____

Prelogin: _____

PM: _____

PB: _____

Trip Blank Received: Y N NA

HCL MeOH TSP Other

Non Conformance(s): _____ Page **72** of **82**

YES / NO of: **5**



CHAIN-OF-CUSTODY Analytical Request Document

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

40270618

ALL SHADED AREAS are for LAB USE ONLY

Company: REI Billing Information:

Address:

Report To: Email To:

Copy To: Site Collection Info/Address:

Customer Project Name/Number: Wash Laundry Basket / 11003 State: 1 County/City: Time Zone Collected: [] PT [] MT [] CT [] ET

Phone: Site/Facility ID #: Compliance Monitoring? [] Yes [] No

Email: [] Yes [] No

Collected By (print): Purchase Order #: DW PWS ID #: Quote #: DW Location Code:

Collected By (signature): Ch Ce Turnaround Date Required: Immediately Packed on Ice: Yes [] No

Sample Disposal: Rush: [] Same Day [] Next Day [] 2 Day [] 3 Day [] 4 Day [] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [] Yes [] No

[] Dispose as appropriate [] Return [] Archive: [] Hold: Analysis: _____

Container Preservative Type ** 313 21002 Lab Project Manager:

Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses										Lab Profile/Line:
										Lab Sample Receipt Checklist:
										Custody Seals Present/Intact Y N NA
										Custody Signatures Present Y N NA
										Collector Signature Present Y N NA
										Bottles Intact Y N NA
										Correct Bottles Y N NA
										Sufficient Volume Y N NA
										Samples Received on Ice Y N NA
										VOA - Headspace Acceptable Y N NA
										USDA Regulated Soils Y N NA
										Samples in Holding Time Y N NA
										Residual Chlorine Present Y N NA
										Cl Strips: _____
										Sample pH Acceptable Y N NA
										pH Strips: _____
										Sulfide Present Y N NA
										Lead Acetate Strips: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10		
			Date	Time	Date	Time														
MW-10-50 (LT)	GW	6	11/1/23	1450				10	X	X	X	X	X	X						031
P2-6			11/2/23	1616																032
P7-7				1420																033
P2-8				1520																034
P2-9				1520	1730															035
MW-5 (EQ)				1520																036
MW-7 (EQ)			11/1/23	1240																037
Muni #2				1315																038
MW-1 Dup				0925																039
MW-7 (LT) Dup			11/2/23	0735																040

Customer Remarks / Special Conditions / Possible Hazards: Type of Ice Used: Wet Blue Dry None SHORT HOLDS PRESENT (<72 hours): Y N N/A

Packing Material Used: Lab Tracking #: 2730768

Radchem sample(s) screened (<500 cpm): Y N NA Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:

Temp Blank Received: Y N NA

Therm ID#: _____

Cooler 1 Temp Upon Receipt: _____ oC

Cooler 1 Therm Corr. Factor: _____ oC

Cooler 1 Corrected Temp: _____ oC

Comments: _____

Relinquished by/Company: (Signature) <u>Ch Ce</u>	Date/Time: <u>11/3/23 1200</u>	Received by/Company: (Signature)	Date/Time:	MTJL LAB USE ONLY	
Relinquished by/Company: (Signature) <u>Waltco</u>	Date/Time: <u>11-9-23 0845</u>	Received by/Company: (Signature) <u>Robert Pace</u>	Date/Time: <u>11-4-23 0815</u>	Table #:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Acctnum:	
				Template:	
				Prelogin:	
				PM:	
				PB:	

Trip Blank Received: Y N NA

HCl MeOH TSP Other

Non Conformance(s): Page 75 of 82

YES / NO of: 5



CHAIN-OF-CUSTODY Analytical Request Document

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40270618

ALL SHADED AREAS are for LAB USE ONLY

Company: **KEI** Billing Information:

Address:

Report To: Email To:

Copy To: Site Collection Info/Address:

Container Preservative Type **
3 3 2 1 0 0 2

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Customer Project Name/Number:
WDRK Laundry Basket / 11603

State: **1** County/City: Time Zone Collected: [] PT [] MT [] CT [] ET

Phone: Site/Facility ID #: Compliance Monitoring? [] Yes [] No

Email: DW PWS ID #: DW Location Code:

Collected By (print): Purchase Order #: Quote #:

Collected By (signature): Turnaround Date Required: Immediately Packed on Ice: [] Yes [] No

Sample Disposal: Rush: Field Filtered (if applicable): [] Yes [] No
[] Dispose as appropriate [] Return [] Same Day [] Next Day
[] Archive: [] 2 Day [] 3 Day [] 4 Day [] 5 Day
[] Hold: (Expedite Charges Apply) Analysis:

Analyses										Lab Profile/Line:	
CUOC	MEH	N+N	SO4	Fe ²⁺	TOL						Lab Sample Receipt Checklist:
											Custody Seals Present/Intact Y N NA
											Custody Signatures Present Y N NA
											Collector Signature Present Y N NA
											Bottles Intact Y N NA
											Correct Bottles Y N NA
											Sufficient Volume Y N NA
											Samples Received on Ice Y N NA
											VOA - Headspace Acceptable Y N NA
											USDA Regulated Soils Y N NA
											Samples in Holding Time Y N NA
											Residual Chlorine Present Y N NA
											Cl Strips: _____
											Sample pH Acceptable Y N NA
											pH Strips: _____
											Sulfide Present Y N NA
											Lead Acetate Strips: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns
			Date	Time	Date	Time		
M6-7 Dup	GW	G	11/2/23	1445				10
Trip Blank								3

LAB USE ONLY:
Lab Sample # / Comments:

41
42

Customer Remarks / Special Conditions / Possible Hazards: **2 TB added to C.O.C R.A 11-4-23**

Type of Ice Used: Wet Blue Dry None

Packing Material Used: **1**

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: **2730769**

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: **11**
Cooler 1 Temp Upon Receipt: _____ oC
Cooler 1 Therm Corr. Factor: _____ oC
Cooler 1 Corrected Temp: _____ oC
Comments:

Relinquished by/Company: (Signature) **Walt CD** Date/Time: **11/3/23 1220**

Relinquished by/Company: (Signature) **Walt CD** Date/Time: **11-4-23 0835**

Relinquished by/Company: (Signature) Date/Time:

Received by/Company: (Signature) **Rodriguez/Pace** Date/Time: **11-4-23 0835**

Received by/Company: (Signature) Date/Time:

MTJL LAB USE ONLY
Table #: **11**
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): **Page 76 of 82**
YES / NO of: **5**

Effective Date: 8/16/2022

Client Name: REI

Sample Preservation Receipt Form

Project # 40270618

All containers needing preservation have been checked and noted below.

Yes No N/A

Initial when completed PJA Date/Time:

Lab Lot# of pH paper: 1000154

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

Pace Lab #	Glass						Plastic						Vials					Jars				General		VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)				
	AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU								SP5T	ZPLC	GN 1	GN 2
001																0																		2.5 / 5
002																0																		2.5 / 5
003																0																		2.5 / 5
004																0																		2.5 / 5
005																0																		2.5 / 5
006																0																		2.5 / 5
007																0																		2.5 / 5
008																0																		2.5 / 5
009																0																		2.5 / 5
010																0																		2.5 / 5
011																0																		2.5 / 5
012																0																		2.5 / 5
013																0																		2.5 / 5
014																0																		2.5 / 5
015																0																		2.5 / 5
016																0																		2.5 / 5
017																0																		2.5 / 5
018																0																		2.5 / 5
019																0																		2.5 / 5
020																0																		2.5 / 5

Exceptions to preservation check: NOA, 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	VG9C	40 mL clear ascorbic w/ HCl	JGFU	4 oz amber jar unpres
BG1U	1 liter clear glass	BP3U	250 mL plastic unpres	DG9T	40 mL amber Na Thio	JG9U	9 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP3B	250 mL plastic NaOH	VG9U	40 mL clear vial unpres	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9H	40 mL clear vial HCL	WPFU	4 oz plastic jar unpres
AG5U	100 mL amber glass unpres	BP3S	250 mL plastic H2SO4	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH + Zn	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres					GN 1	
						GN 2	

Client Name: REI

Sample Preservation Receipt Form
Project #: 40270618

Pace Lab #	Glass						Plastic					Vials				Jars				General		VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)									
	AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	JG9U	JG9U								WGFU	WPFU	SP5T	ZPLC	GN 1	GN 2			
021																	6														X						2.5/5
022																	6															X					2.5/5
023																	6															X					2.5/5
024																	6															X					2.5/5
025																	6															X					2.5/5
026																	6															X					2.5/5
027																	6															X					2.5/5
028																	6															X					2.5/5
029																	6															X					2.5/5
030																	6															X					2.5/5
031																	6															X					2.5/5
032																	6															X					2.5/5
033																	6															X					2.5/5
034																	6															X					2.5/5
035																	6															X					2.5/5
036																	6															X					2.5/5
037																	6															X					2.5/5
038																	6															X					2.5/5
039																	6															X					2.5/5
040																	6															X					2.5/5
041																	6															X					2.5/5
042																	6															X					2.5/5
043																																					2.5/5
044																																					2.5/5
045																																					2.5/5
046																																					2.5/5
047																																					2.5/5
048																																					2.5/5

R.A 11-4-23

R.A 11-4-23

R.A 11-4-23



CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

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

40270618

ALL SHADED AREAS are for LAB USE ONLY

Company: NEI Environmental Inc Billing Information: Same

Address: 1680 New Brunswick Blvd

Report To: Chase Kroll Email To: [redacted]

Copy To: Nave Larsen Site Collection Info/Address: [redacted]

Customer Project Name/Number: WDNR Laundry Basket / 11003 State: WI County/City: [redacted] Time Zone Collected: [] PT [] MT [] CT [] ET

Phone: 415 675 9284 Site/Facility ID #: [redacted] Compliance Monitoring? [] Yes [] No

Email: chase@neinc.com

Collected By (print): Chase Kroll Purchase Order #: [redacted] DW PWS ID #: [redacted]

Collected By (signature): [Signature] Quote #: [redacted] DW Location Code: [redacted]

Turnaround Date Required: [redacted] Immediately Packed on Ice: [X] Yes [] No

Sample Disposal: [] Dispose as appropriate [] Return [] Archive [] Hold: [] Rush: [] Same Day [] Next Day [] 2 Day [] 3 Day [] 4 Day [] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [] Yes [] No

Analysis: [redacted]

Container Preservative Type **

Lab Project Manager: [redacted]

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns	Analyses						Lab Profile/Line:
			Date	Time	Date	Time			Cu	Cr	Fe	Mn	Ni	Pb	
Mw-1	GW	6	11/1/23	0920				10	X	X	X	X	X	X	Lab Sample Receipt Checklist: Custody Seals Present/Intact Y N NA Custody Signatures Present Y N NA Collector Signature Present Y N NA Bottles Intact Y N NA Correct Bottles Y N NA Sufficient Volume Y N NA Samples Received on Ice Y N NA VOA - Headspace Acceptable Y N NA USDA Regulated Soils Y N NA Samples in Holding Time Y N NA Residual Chlorine Present Y N NA Cl Strips: <u>11/9/23</u> Sample pH Acceptable Y N NA pH Strips: <u>[redacted]</u> Sulfide Present Y N NA Lead Acetate Strips: <u>[redacted]</u> LAB USE ONLY: Lab Sample # / Comments: <u>0016</u>
Mw-2				0830				1	X	X	X	X	X	X	
Mw-3				1045				1	X	X	X	X	X	X	
Mw-4				1120				1	X	X	X	X	X	X	
Mw-5				1050				1	X	X	X	X	X	X	
Mw-6			11/2/23	1700				1	X	X	X	X	X	X	
Mw-7				1440				1	X	X	X	X	X	X	
Mw-8				1620				1	X	X	X	X	X	X	
Mw-9				1800				1	X	X	X	X	X	X	
Mw-10				1400				1	X	X	X	X	X	X	

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns
			Date	Time	Date	Time		
Mw-1	GW	6	11/1/23	0920				10
Mw-2				0830				1
Mw-3				1045				1
Mw-4				1120				1
Mw-5				1050				1
Mw-6			11/2/23	1700				1
Mw-7				1440				1
Mw-8				1620				1
Mw-9				1800				1
Mw-10				1400				1

Customer Remarks / Special Conditions / Possible Hazards: [redacted]

Type of Ice Used: Wet Blue Dry None

Packing Material Used: [redacted]

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: **2730765**

Samples received via: FEDEX UPS Client Courier Pace Courier

Relinquished by/Company: (Signature) [Signature] Date/Time: 11/8/23 1016 Received by/Company: (Signature) [Signature] Date/Time: 11/9/23 0815

Relinquished by/Company: (Signature) waitco Date/Time: 11/9/23 0815 Received by/Company: (Signature) [Signature] Date/Time: 11/9/23 0815

Relinquished by/Company: (Signature) [redacted] Date/Time: [redacted] Received by/Company: (Signature) [redacted] Date/Time: [redacted]

Lab Sample Temperature Info:

Temp Blank Received: Y N NA

Therm ID#: [redacted]

Cooler 1 Temp Upon Receipt: [redacted] °C

Cooler 1 Therm Corr. Factor: [redacted] °C

Cooler 1 Corrected Temp: [redacted] °C

Comments: [redacted]

Trip Blank Received: Y N NA

HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 5 of: 82

Client Name: REI

Sample Preservation Receipt Form

Project # 40270618

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):

Pace Lab #	Glass						Plastic						Vials					Jars				General		VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)	
	AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T								ZPLC
001																															2.5 / 5
002																															2.5 / 5
003																															2.5 / 5
004																															2.5 / 5
005																															2.5 / 5
006																															2.5 / 5
007																															2.5 / 5
008																															2.5 / 5
009																															2.5 / 5
010																															2.5 / 5
011																															2.5 / 5
012																															2.5 / 5
013																															2.5 / 5
014																															2.5 / 5
015																															2.5 / 5
016																															2.5 / 5
017																															2.5 / 5
018																															2.5 / 5
019																															2.5 / 5
020																															2.5 / 5

11/9/23 NK

11/9/23 NK

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	VG9C 40 mL clear ascorbic w/ HCl	JGFU 4 oz amber jar unpres
BG1U 1 liter clear glass	BP3U 250 mL plastic unpres	DG9T 40 mL amber Na Thio	JG9U 9 oz amber jar unpres
AG1H 1 liter amber glass HCL	BP3B 250 mL plastic NaOH	VG9U 40 mL clear vial unpres	WGFU 4 oz clear jar unpres
AG4S 125 mL amber glass H2SO4	BP3N 250 mL plastic HNO3	VG9H 40 mL clear vial HCL	WPFU 4 oz plastic jar unpres
AG5U 100 mL amber glass unpres	BP3S 250 mL plastic H2SO4	VG9M 40 mL clear vial MeOH	SP5T 120 mL plastic Na Thiosulfate
AG2S 500 mL amber glass H2SO4	BP2Z 500 mL plastic NaOH + Zn	VG9D 40 mL clear vial DI	ZPLC ziploc bag
BG3U 250 mL clear glass unpres			GN 1
			GN 2

Sample Condition Upon Receipt Form (SCUR)

Project #: _____

Client Name: REI

WO# : 40270618

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

PM: BDB Due Date: 11/20/23
 CLIENT: REI

Tracking #: 3736233-1

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-134 Type of Ice: Wet Blue Dry None Meltwater Only

Cooler Temperature Uncorr: 3.5 /Corr: 3.5

Temp Blank Present: yes no Biological Tissue is Frozen: yes no

Person examining contents:
 Date: 11/9/23 /Initials: NK
 Labeled By Initials: MD

Temp should be above freezing to 6°C.
 Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- DI VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Correct Type: Pace Green Bay Pace IR, Non-Pace		
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): _____		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample log in

Sample Condition Upon Receipt Form (SCUR)

Client Name: REI
 Courier: CS Logistics Fed Ex Speedee UPS Walco
 Client Pace Other: _____

Project #: _____
WO#: 40270618

 40270618

Tracking #: 2733057-1-5
 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-121 Type of Ice: Wet Blue Dry None Meltwater Only

Cooler Temperature Uncorr. 0.5, 0.5, 0.5, 0.5, 0.5 / Corr. 0.0, 0.0, 0.0, 0.0, 0.0
 Temp Blank Present: yes no Biological Tissue is Frozen: yes no

Person examining contents:
 Date: 11-9-23 / Initials: RJA
 Labeled By Initials: mtt

Temp should be above freezing to 6°C.
 Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- DI VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Correct Type: <u>Pace Green Bay</u> , Pace IR, Non-Pace		
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC: <u>mtt 11/6/23</u>	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>CSP-time 10:15, 006-3V69H no time, 627-3V69H-1445</u> <u>mtt 11/6/23</u>
-Includes date/time/ID/Analysis Matrix: <u>w</u>		
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>306</u>		

Client Notification/ Resolution: _____ If checked, see attached form for additional comments
 Person Contacted: _____ Date/Time: _____
 Comments/ Resolution: _____

APPENDIX D

DISPOSAL DOCUMENTATION



REI Water Disposal



Discharge to Wausau Waste Water Treatment Plant (WWTP) under the August 8, 2007 discharge agreement

Disposal Location: Wausau WWTP
 Name of Waste Hauler: REI Engineering, Inc.
 Quantity of Water Discharged: 30

Sum of Volume(gallons)	DisposalLocation	DateOut	Drum Contents	Job Name	JobNumber	Grand Total
WWTP						
		11/9/2023				
			Water			
				wdnr laundry basket	30	30
			Water Total		30	30
		11/9/2023 Total			30	30
WWTP Total					30	30

APPENDIX E

GROUNDWATER SAMPLING FIELD SHEETS



Project Information

Field Tech: Chase Kresl

Date: 11/02/2023

Project Number: 11003

Project: Laundry Basket

Equipment

Water Level Indicator: WL#1 (100')

Water Quality Meter: YSI #1

Pump Type: Peristaltic #1 - Geopump II

Tubing Material: HDPE

Tubing Diameter (inch): 0.17

Tubing Length (feet): 15.00

Flow Cell Volume (mL): 250

Tubing Volume (mL): 67

Well Information

Well ID: MW-7

Well Depth (feet bTOC): 16.00

Well Diameter (inch): 2.00

Depth to LNAPL (feet bTOC): NP

Depth to Water (feet bTOC): 8.56

Water Column (feet): 7.44

Well Volume (L): 4.597

Well Condition

Well Condition: OK

Repairs Completed: lock

Repairs Required: None

Low Flow Purge

Minimum Purge Volume (mL): 317

Maximum Purge Volume (L): 13.790

Volume Purged (gal):

Measurements begin after water level has stabilized in well

Time	Depth to Water (feet bTOC)	Purge Volume (mL)	Temp (F)	DO (mg/L)	Specific Cond (uS/cm)	pH	ORP (mV)	Visual Appearance
15:29 ()	8.56	500	55.7	5.25	623.8	5.92	185.9	clear
15:32 ()	8.58	500	55.5	5.23	651	6.02	182.7	clear
15:35 ()	8.66	500	55.2	5.16	652	6.02	182.7	clear
Stabilization Criteria	<0.30 feet	<3 Well Volumes	+/- 3%	+/- 10%*	+/- 3%	+/- 0.10	+/- 10mV	-

Sample Collection

Sample Time: 14:40

Color:

Odor:

Sheen:

Turbidity:

Notes:

Sample Collection Notes0.32

Lab Analysis	Method	Containers	Preservative	Hold Time	Field Filtered	Additional Comments
CVOC	EPA 8260B	3 - 40mL VOA vials	HCL	14 Days	<input type="checkbox"/>	
Ferrous Iron, (Fe ₂)	HACH 8146	P / 250 mL (G ok)	None	15 Min	<input type="checkbox"/>	
Methane, Ethane, Ethene (MEE)	EPA 8015	3 - 40mL VOA vials	HCL to pH <2	14 Days	<input type="checkbox"/>	
Nitrate + Nitrite, Nitrogen	EPA 353.2	P / 250 mL (G ok)	H ₂ SO ₄ to pH <2	28 Days	<input type="checkbox"/>	
Sulfate (SO ₄)	EPA 300.0/9056	P / 250 mL (G ok)	None	28 Days	<input type="checkbox"/>	
Total Organic Carbon as NPOC (TOC only)	EPA 9060, SM 5310C	AG / 125 mL NM	H ₂ SO ₄ pH <2	28 Days	<input type="checkbox"/>	

Quality Control

QA/QC Sample Collected:

QA/QC Collected:

QA/QC Sample ID:

QA/QC Sample Time: 03:45 PM ()

Photographs

Collect at least 1 photo of well location with enough of the background visible to determine well location.

Photographs:

photo

Sign-Off

Signature:

A handwritten signature in black ink, consisting of a single, stylized, cursive letter 'S'.

Date: 11/02/2023

Time: 11:34 AM ()

Project Information

Field Tech: Chase Kresl

Date: 11/01/2023

Project Number: 11003

Project: Laundry Basket

Equipment

Water Level Indicator: WL#1 (100')

Water Quality Meter: YSI #1

Pump Type: Peristaltic #1 - Geopump II

Tubing Material: HDPE

Tubing Diameter (inch): 0.17

Tubing Length (feet): 15.00

Flow Cell Volume (mL): 250

Tubing Volume (mL): 67

Well Information

Well ID: MW-5

Well Depth (feet bTOC): 15.00

Well Diameter (inch): 2

Depth to LNAPL (feet bTOC): NP

Depth to Water (feet bTOC): 6.5

Water Column (feet): 8.50

Well Volume (L): 5.252

Well Condition

Well Condition: OK

Repairs Completed: None

Repairs Required: None

Low Flow Purge

Minimum Purge Volume (mL): 317

Maximum Purge Volume (L): 15.755

Volume Purged (gal):

Measurements begin after water level has stabilized in well

Time	Depth to Water (feet bTOC)	Purge Volume (mL)	Temp (F)	DO (mg/L)	Specific Cond (uS/cm)	pH	ORP (mV)	Visual Appearance
10:58 ()	6.50	500	51.3	1.61	971	5.85	-36.8	clear
11:01 ()	6.51	500	53.4	0.82	1047	6.14	-62.8	clear
11:04 ()	6.55	500	53.1	0.91	1037	6.29	-76.2	clear
11:07 ()	6.54	500	53.6	0.63	1047	6.34	-81.1	clear
11:10 ()	6.61	500	54.4	0.67	1042	6.36	-87.4	clear
11:13 ()	6.65	500	52.9	0.68	1051	6.38	-89.7	clear
Stabilization Criteria	<0.30 feet	<3 Well Volumes	+/- 3%	+/- 10%*	+/- 3%	+/- 0.10	+/- 10mV	-

Sample Collection

Sample Time: 10:15

Color:

Odor:

Sheen:

Turbidity:

Notes:

0.51 salinity

Lab Analysis	Method	Containers	Preservative	Hold Time	Field Filtered	Additional Comments
CVOC	EPA 8260B	3 - 40mL VOA vials	HCL	14 Days	<input type="checkbox"/>	
Ferrous Iron, (Fe ₂)	HACH 8146	P / 250 mL (G ok)	None	15 Min	<input type="checkbox"/>	
Methane, Ethane, Ethene (MEE)	EPA 8015	3 - 40mL VOA vials	HCL to pH <2	14 Days	<input type="checkbox"/>	
Nitrate + Nitrite, Nitrogen	EPA 353.2	P / 250 mL (G ok)	H ₂ SO ₄ to pH <2	28 Days	<input type="checkbox"/>	
Sulfate (SO ₄)	EPA 300.0/9056	P / 250 mL (G ok)	None	28 Days	<input type="checkbox"/>	
Total Organic Carbon as NPOC (TOC only)	EPA 9060, SM 5310C	AG / 125 mL NM	H ₂ SO ₄ pH <2	28 Days	<input type="checkbox"/>	

Quality Control

QA/QC Sample Collected:

QA/QC Collected:

QA/QC Sample ID:

QA/QC Sample Time:

Photographs

Collect at least 1 photo of well location with enough of the background visible to determine well location.

Photographs:



photo

Sign-Off

Signature:

A handwritten signature in black ink, consisting of a stylized, cursive-like mark.

Date: 11/01/2023

Time: 11:12 AM ()

Project Information

Field Tech: Chase Kresl

Date: 11/02/2023

Project Number: 11003

Project: Laundry Basket

Equipment

Water Level Indicator: WL#1 (100')

Water Quality Meter: YSI #1

Pump Type: Peristaltic #1 - Geopump II

Tubing Material: HDPE

Tubing Diameter (inch): 0.17

Tubing Length (feet): 15.00

Flow Cell Volume (mL): 250

Tubing Volume (mL): 67

Well Information

Well ID: MW-6

Well Depth (feet bTOC): 15.00

Well Diameter (inch): 2

Depth to LNAPL (feet bTOC): NP

Depth to Water (feet bTOC): 6.46

Water Column (feet): 8.54

Well Volume (L): 5.276

Well Condition

Well Condition: OK

Repairs Completed: None

Repairs Required: None

Low Flow Purge

Minimum Purge Volume (mL): 317

Maximum Purge Volume (L): 15.829

Volume Purged (gal):

Measurements begin after water level has stabilized in well

Time	Depth to Water (feet bTOC)	Purge Volume (mL)	Temp (F)	DO (mg/L)	Specific Cond (uS/cm)	pH	ORP (mV)	Visual Apperance
17:46 ()	6.46	500	52.8	7.21	752	7.02	40.0	clear
17:49 ()	6.45	500	55.0	0.61	743	6.98	50.1	clear
17:52 ()	6.55	500	55.3	0.55	730	6.96	59.3	clear
17:55 ()	6.55	500	54.2	0.37	715	6.82	94.9	clear
Stabilization Criteria	<0.30 feet	<3 Well Volumes	+/- 3%	+/- 10%*	+/- 3%	+/- 0.10	+/- 10mV	-

Sample Collection

Sample Time: 17:00

Color:

Odor:

Sheen:

Turbidity:

Notes:

Sample Collection Notes0.36

Lab Analysis	Method	Containers	Preservative	Hold Time	Field Filtered	Additional Comments
CVOC	EPA 8260B	3 - 40mL VOA vials	HCL	14 Days	<input type="checkbox"/>	
Ferrous Iron, (Fe ₂)	HACH 8146	P / 250 mL (G ok)	None	15 Min	<input type="checkbox"/>	
Methane, Ethane, Ethene (MEE)	EPA 8015	3 - 40mL VOA vials	HCL to pH <2	14 Days	<input type="checkbox"/>	
Nitrate + Nitrite, Nitrogen	EPA 353.2	P / 250 mL (G ok)	H ₂ SO ₄ to pH <2	28 Days	<input type="checkbox"/>	
Sulfate (SO ₄)	EPA 300.0/9056	P / 250 mL (G ok)	None	28 Days	<input type="checkbox"/>	
Total Organic Carbon as NPOC (TOC only)	EPA 9060, SM 5310C	AG / 125 mL NM	H ₂ SO ₄ pH <2	28 Days	<input type="checkbox"/>	

Quality Control

QA/QC Sample Collected:

QA/QC Collected:

QA/QC Sample ID:

QA/QC Sample Time:

Photographs

Collect at least 1 photo of well location with enough of the background visible to determine well location.

Photographs:

photo

Sign-Off

Signature:

A handwritten signature in black ink, consisting of a single, fluid, cursive stroke that starts with a small loop at the top left and ends with a tail that curves downwards and to the right.

Date: 11/02/2023

Time: 11:34 AM ()

Project Information

Field Tech: Chase Kresl

Date: 11/01/2023

Project Number: 11003

Project: Laundry Basket

Equipment

Water Level Indicator: WL#1 (100')

Water Quality Meter: YSI #1

Pump Type: Peristaltic #1 - Geopump II

Tubing Material: HDPE

Tubing Diameter (inch): 0.17

Tubing Length (feet): 15.00

Flow Cell Volume (mL): 250

Tubing Volume (mL): 67

Well Information

Well ID: MW-11

Well Depth (feet bTOC): 15.00

Well Diameter (inch): 2

Depth to LNAPL (feet bTOC): NP

Depth to Water (feet bTOC): 6.5

Water Column (feet): 8.50

Well Volume (L): 5.252

Well Condition

Well Condition: OK

Repairs Completed: None

Repairs Required: None

Low Flow Purge

Minimum Purge Volume (mL): 317

Maximum Purge Volume (L): 15.755

Volume Purged (gal):

Measurements begin after water level has stabilized in well

Time	Depth to Water (feet bTOC)	Purge Volume (mL)	Temp (F)	DO (mg/L)	Specific Cond (uS/cm)	pH	ORP (mV)	Visual Appearance
12:50 ()	6.55	500	52.0	11.90	172.9	5.88	160.6	clear
12:53 ()	6.56	500	52.0	11.26	174.7	6.03	150.9	clear
12:56 ()	6.60	500	50.9	11.82	174.1	6.02	156.7	clear
Stabilization Criteria	<0.30 feet	<3 Well Volumes	+/- 3%	+/- 10%*	+/- 3%	+/- 0.10	+/- 10mV	-

Sample Collection

Sample Time: 12:10

Color:

Odor:

Sheen:

Turbidity:

Notes:

0.08 salinity

Lab Analysis	Method	Containers	Preservative	Hold Time	Field Filtered	Additional Comments
CVOC	EPA 8260B	3 - 40mL VOA vials	HCL	14 Days	<input type="checkbox"/>	
Ferrous Iron, (Fe ₂)	HACH 8146	P / 250 mL (G ok)	None	15 Min	<input type="checkbox"/>	
Methane, Ethane, Ethene (MEE)	EPA 8015	3 - 40mL VOA vials	HCL to pH <2	14 Days	<input type="checkbox"/>	
Nitrate + Nitrite, Nitrogen	EPA 353.2	P / 250 mL (G ok)	H ₂ SO ₄ to pH <2	28 Days	<input type="checkbox"/>	
Sulfate (SO ₄)	EPA 300.0/9056	P / 250 mL (G ok)	None	28 Days	<input type="checkbox"/>	
Total Organic Carbon as NPOC (TOC only)	EPA 9060, SM 5310C	AG / 125 mL NM	H ₂ SO ₄ pH <2	28 Days	<input type="checkbox"/>	

Quality Control

QA/QC Sample Collected:

QA/QC Collected:

QA/QC Sample ID:

QA/QC Sample Time:

Photographs

Collect at least 1 photo of well location with enough of the background visible to determine well location.

Photographs:



photo

Sign-Off

Signature:

Handwritten signature

Date: 11/01/2023

Time: 12:50 PM ()

Project Information

Field Tech: Chase Kresl

Date: 11/01/2023

Project Number: 11003

Project: Laundry Basket

Equipment

Water Level Indicator: WL#1 (100')

Water Quality Meter: YSI #1

Pump Type: Peristaltic #1 - Geopump II

Tubing Material: HDPE

Tubing Diameter (inch): 0.17

Tubing Length (feet): 15.00

Flow Cell Volume (mL): 250

Tubing Volume (mL): 67

Well Information

Well ID: MW-10 (LT)

Well Depth (feet bTOC): 15.00

Well Diameter (inch): 2

Depth to LNAPL (feet bTOC): NP

Depth to Water (feet bTOC): 2.85

Water Column (feet): 12.15

Well Volume (L): 7.507

Well Condition

Well Condition: OK

Repairs Completed: None

Repairs Required: None

Low Flow Purge

Minimum Purge Volume (mL): 317

Maximum Purge Volume (L): 22.520

Volume Purged (gal):

Measurements begin after water level has stabilized in well

Time	Depth to Water (feet bTOC)	Purge Volume (mL)	Temp (F)	DO (mg/L)	Specific Cond (uS/cm)	pH	ORP (mV)	Visual Apperance
14:32 ()	2.85	500	50.0	4.73	482.9	6.71	139.1	clear
14:35 ()	2.85	500	45.0	4.69	491.9	6.57	145.7	clear
14:39 ()	2.55	500	49.6	3.85	474.3	6.38	150.8	clear
14:42 ()	2.85	500	50.3	3.62	473.2	6.26	152.1	clear
14:45 ()	2.85	500	50.5	3.84	473.3	6.28	153.2	clear
Stabilization Criteria	<0.30 feet	<3 Well Volumes	+/- 3%	+/- 10%*	+/- 3%	+/- 0.10	+/- 10mV	-

Sample Collection

Sample Time: 13:50

Color:

Odor:

Sheen:

Turbidity:

Notes:

0.23 salinity

Lab Analysis	Method	Containers	Preservative	Hold Time	Field Filtered	Additional Comments
CVOC	EPA 8260B	3 - 40mL VOA vials	HCL	14 Days	<input type="checkbox"/>	
Ferrous Iron, (Fe2)	HACH 8146	P / 250 mL (G ok)	None	15 Min	<input type="checkbox"/>	
Methane, Ethane, Ethene (MEE)	EPA 8015	3 - 40mL VOA vials	HCL to pH <2	14 Days	<input type="checkbox"/>	
Nitrate + Nitrite, Nitrogen	EPA 353.2	P / 250 mL (G ok)	H2SO4 to pH <2	28 Days	<input type="checkbox"/>	
Sulfate (SO4)	EPA 300.0/9056	P / 250 mL (G ok)	None	28 Days	<input type="checkbox"/>	
Total Organic Carbon as NPOC (TOC only)	EPA 9060, SM 5310C	AG / 125 mL NM	H2SO4 pH <2	28 Days	<input type="checkbox"/>	

Quality Control

QA/QC Sample Collected:

QA/QC Collected:

QA/QC Sample ID:

QA/QC Sample Time:

Photographs

Collect at least 1 photo of well location with enough of the background visible to determine well location.

Photographs:

photo

Sign-Off

Signature:

Date: 11/01/2023

A handwritten signature consisting of a single, stylized, horizontal line with a small upward curve at the left end and a small downward curve at the right end.

Time: 02:39 PM ()

Project Information

Field Tech: Chase Kresl

Date: 11/02/2023

Project Number: 11003

Project: Laundry Basket

Equipment

Water Level Indicator: WL#1 (100')

Water Quality Meter: YSI #1

Pump Type: Peristaltic #1 - Geopump II

Tubing Material: HDPE

Tubing Diameter (inch): 0.17

Tubing Length (feet): 30.00

Flow Cell Volume (mL): 250

Tubing Volume (mL): 134

Well Information

Well ID: MW-6-30 (LT)

Well Depth (feet bTOC): 15.00

Well Diameter (inch): 2

Depth to LNAPL (feet bTOC): NP

Depth to Water (feet bTOC): 3.98

Water Column (feet): 11.02

Well Volume (L): 6.809

Well Condition

Well Condition: OK

Repairs Completed: None

Repairs Required: None

Low Flow Purge

Minimum Purge Volume (mL): 384

Maximum Purge Volume (L): 20.426

Volume Purged (gal):

Measurements begin after water level has stabilized in well

Time	Depth to Water (feet bTOC)	Purge Volume (mL)	Temp (F)	DO (mg/L)	Specific Cond (uS/cm)	pH	ORP (mV)	Visual Apperance
10:15 ()	3.98	500	48.4	2.52	723	6.42	17.6	clear
10:18 ()	3.99	500	49.3	2.12	799	6.80	15.1	clear
10:21 ()	3.99	500	49.0	2.02	808	6.97	21.0	clear
10:24 ()	3.99	500	49.8	1.51	776	6.98	37.2	clear
10:27 ()	3.99	500	50.1	1.27	762	6.93	56.3	clear
10:30 ()	3.99	500	50.0	1.09	743	6.88	58.4	clear
10:33 ()	3.99	500	50.2	1.01	738	6.82	64.1	clear
Stabilization Criteria	<0.30 feet	<3 Well Volumes	+/- 3%	+/- 10%*	+/- 3%	+/- 0.10	+/- 10mV	-

Sample Collection

Sample Time: 09:40

Color:

Odor:

Sheen:

Turbidity:

Notes:

Sample Collection Notes0.40

Lab Analysis	Method	Containers	Preservative	Hold Time	Field Filtered	Additional Comments
CVOC	EPA 8260B	3 - 40mL VOA vials	HCL	14 Days	<input type="checkbox"/>	
Ferrous Iron, (Fe ₂)	HACH 8146	P / 250 mL (G ok)	None	15 Min	<input type="checkbox"/>	
Methane, Ethane, Ethene (MEE)	EPA 8015	3 - 40mL VOA vials	HCL to pH <2	14 Days	<input type="checkbox"/>	
Nitrate + Nitrite, Nitrogen	EPA 353.2	P / 250 mL (G ok)	H ₂ SO ₄ to pH <2	28 Days	<input type="checkbox"/>	
Sulfate (SO ₄)	EPA 300.0/9056	P / 250 mL (G ok)	None	28 Days	<input type="checkbox"/>	
Total Organic Carbon as NPOC (TOC only)	EPA 9060, SM 5310C	AG / 125 mL NM	H ₂ SO ₄ pH <2	28 Days	<input type="checkbox"/>	

Quality Control

QA/QC Sample Collected:

QA/QC Collected:

QA/QC Sample ID:

QA/QC Sample Time:

Photographs

Collect at least 1 photo of well location with enough of the background visible to determine well location.

Photographs:

photo

Sign-Off

Signature:



Date: 11/02/2023

Time: 10:14 AM ()

Project Information

Field Tech: Chase Kresl

Date: 11/02/2023

Project Number: 11003

Project: Laundry Basket

Equipment

Water Level Indicator: WL#1 (100')

Water Quality Meter: YSI #1

Pump Type: Peristaltic #1 - Geopump II

Tubing Material: HDPE

Tubing Diameter (inch): 0.17

Tubing Length (feet): 15.00

Flow Cell Volume (mL): 250

Tubing Volume (mL): 67

Well Information

Well ID: MW-10

Well Depth (feet bTOC): 15.00

Well Diameter (inch): 2

Depth to LNAPL (feet bTOC): NP

Depth to Water (feet bTOC): 5.54

Water Column (feet): 9.46

Well Volume (L): 5.845

Well Condition

Well Condition: OK

Repairs Completed: None

Repairs Required: None

Low Flow Purge

Minimum Purge Volume (mL): 317

Maximum Purge Volume (L): 17.534

Volume Purged (gal):

Measurements begin after water level has stabilized in well

Time	Depth to Water (feet bTOC)	Purge Volume (mL)	Temp (F)	DO (mg/L)	Specific Cond (uS/cm)	pH	ORP (mV)	Visual Appearance
14:38 ()	5.58	500	56.1	5.65	230.4	6.03	186.7	clear
14:41 ()	5.66	500	55.6	5.27	225.8	5.94	188.4	clear
14:44 ()	5.60	500	56.1	5.07	226.7	5.85	191.5	clear
14:47 ()	5.60	500	56.1	5.08	225.6	5.84	193.2	clear
Stabilization Criteria	<0.30 feet	<3 Well Volumes	+/- 3%	+/- 10%*	+/- 3%	+/- 0.10	+/- 10mV	-

Sample Collection

Sample Time: 14:00

Color:

Odor:

Sheen:

Turbidity:

Notes:

Sample Collection Notes0.11

Lab Analysis	Method	Containers	Preservative	Hold Time	Field Filtered	Additional Comments
CVOC	EPA 8260B	3 - 40mL VOA vials	HCL	14 Days	<input type="checkbox"/>	
Ferrous Iron, (Fe ₂)	HACH 8146	P / 250 mL (G ok)	None	15 Min	<input type="checkbox"/>	
Methane, Ethane, Ethene (MEE)	EPA 8015	3 - 40mL VOA vials	HCL to pH <2	14 Days	<input type="checkbox"/>	
Nitrate + Nitrite, Nitrogen	EPA 353.2	P / 250 mL (G ok)	H ₂ SO ₄ to pH <2	28 Days	<input type="checkbox"/>	
Sulfate (SO ₄)	EPA 300.0/9056	P / 250 mL (G ok)	None	28 Days	<input type="checkbox"/>	
Total Organic Carbon as NPOC (TOC only)	EPA 9060, SM 5310C	AG / 125 mL NM	H ₂ SO ₄ pH <2	28 Days	<input type="checkbox"/>	

Quality Control

QA/QC Sample Collected:

QA/QC Collected:

QA/QC Sample ID:

QA/QC Sample Time:

Photographs

Collect at least 1 photo of well location with enough of the background visible to determine well location.

Photographs:

photo

Sign-Off

Signature:

A handwritten signature in black ink, consisting of a stylized, cursive letter 'Z' followed by a horizontal line.

Date: 11/02/2023

Time: 11:32 AM ()

Project Information

Field Tech: Chase Kresl

Date: 11/02/2023

Project Number: 11003

Project: Laundry Basket

Equipment

Water Level Indicator: WL#1 (100')

Water Quality Meter: YSI #1

Pump Type: Peristaltic #1 - Geopump II

Tubing Material: HDPE

Tubing Diameter (inch): 0.17

Tubing Length (feet): 40.00

Flow Cell Volume (mL): 250

Tubing Volume (mL): 178

Well Information

Well ID: PZ-8

Well Depth (feet bTOC): 15.00

Well Diameter (inch): 2

Depth to LNAPL (feet bTOC): NP

Depth to Water (feet bTOC): 6.1

Water Column (feet): 8.90

Well Volume (L): 5.499

Well Condition

Well Condition: OK

Repairs Completed: None

Repairs Required: None

Low Flow Purge

Minimum Purge Volume (mL): 428

Maximum Purge Volume (L): 16.496

Volume Purged (gal):

Measurements begin after water level has stabilized in well

Time	Depth to Water (feet bTOC)	Purge Volume (mL)	Temp (F)	DO (mg/L)	Specific Cond (uS/cm)	pH	ORP (mV)	Visual Apperance
16:35 ()	6.10	500	51.6	8.05	863	5.96	134.8	clear
16:38 ()	6.11	500	52.9	7.84	956	6.38	122.8	clear
16:41 ()	6.11	500	52.8	8.24	969	6.64	120.0	clear
16:44 ()	6.11	500	52.7	8.23	975	6.74	121.3	clear
16:47 ()	6.12	500	52.6	8.22	976	6.64	121.7	clear
Stabilization Criteria	<0.30 feet	<3 Well Volumes	+/- 3%	+/- 10%*	+/- 3%	+/- 0.10	+/- 10mV	-

Sample Collection

Sample Time: 15:50

Color:

Odor:

Sheen:

Turbidity:

Notes:

Sample Collection Notes

Lab Analysis	Method	Containers	Preservative	Hold Time	Field Filtered	Additional Comments
CVOC	EPA 8260B	3 - 40mL VOA vials	HCL	14 Days	<input type="checkbox"/>	
Ferrous Iron, (Fe2)	HACH 8146	P / 250 mL (G ok)	None	15 Min	<input type="checkbox"/>	
Methane, Ethane, Ethene (MEE)	EPA 8015	3 - 40mL VOA vials	HCL to pH <2	14 Days	<input type="checkbox"/>	
Nitrate + Nitrite, Nitrogen	EPA 353.2	P / 250 mL (G ok)	H2SO4 to pH <2	28 Days	<input type="checkbox"/>	
Sulfate (SO4)	EPA 300.0/9056	P / 250 mL (G ok)	None	28 Days	<input type="checkbox"/>	
Total Organic Carbon as NPOC (TOC only)	EPA 9060, SM 5310C	AG / 125 mL NM	H2SO4 pH <2	28 Days	<input type="checkbox"/>	

Quality Control

QA/QC Sample Collected:

QA/QC Collected:

QA/QC Sample ID:

QA/QC Sample Time:

Photographs

Collect at least 1 photo of well location with enough of the background visible to determine well location.

Photographs:

photo

Sign-Off

Signature:

A handwritten signature consisting of two stylized, connected characters, possibly 'L' and 'L', written in black ink.

Date: 11/02/2023

Time: 04:50 PM ()

Project Information

Field Tech: Chase Kresl

Date: 11/01/2023

Project Number: 11003

Project: Laundry Basket

Equipment

Water Level Indicator: WL#1 (100')

Water Quality Meter: YSI #1

Pump Type: Peristaltic #1 - Geopump II

Tubing Material: HDPE

Tubing Diameter (inch): 0.17

Tubing Length (feet): 40.00

Flow Cell Volume (mL): 250

Tubing Volume (mL): 178

Well Information

Well ID: MW-17-40

Well Depth (feet bTOC): 40.00

Well Diameter (inch): 2

Depth to LNAPL (feet bTOC): NP

Depth to Water (feet bTOC): 1.09

Water Column (feet): 38.91

Well Volume (L): 24.040

Well Condition

Well Condition: OK

Repairs Completed: None

Repairs Required: None

Low Flow Purge

Minimum Purge Volume (mL): 428

Maximum Purge Volume (L): 72.121

Volume Purged (gal):

Measurements begin after water level has stabilized in well

Time	Depth to Water (feet bTOC)	Purge Volume (mL)	Temp (F)	DO (mg/L)	Specific Cond (uS/cm)	pH	ORP (mV)	Visual Apperance
16:42 ()	1.09	500	50.9	0.98	666.6	6.88	7.8	clear
16:45 ()	1.09	500	49.7	0.57	669.3	7.17	29.1	clear
16:48 ()	1.09	500	50.1	0.49	668.1	7.26	-40.5	clear
16:51 ()	1.09	500	50.3	0.45	668.5	7.36	-49.6	clear
16:54 ()	1.09	500	50.0	0.40	667.4	7.34	-45.5	clear
Stabilization Criteria	<0.30 feet	<3 Well Volumes	+/- 3%	+/- 10%*	+/- 3%	+/- 0.10	+/- 10mV	-

Sample Collection

Sample Time: 16:00

Color:

Odor:

Sheen:

Turbidity:

Notes:

Sample Collection Notes0.33

Lab Analysis	Method	Containers	Preservative	Hold Time	Field Filtered	Additional Comments
CVOC	EPA 8260B	3 - 40mL VOA vials	HCL	14 Days	<input type="checkbox"/>	
Ferrous Iron, (Fe2)	HACH 8146	P / 250 mL (G ok)	None	15 Min	<input type="checkbox"/>	
Methane, Ethane, Ethene (MEE)	EPA 8015	3 - 40mL VOA vials	HCL to pH <2	14 Days	<input type="checkbox"/>	
Nitrate + Nitrite, Nitrogen	EPA 353.2	P / 250 mL (G ok)	H2SO4 to pH <2	28 Days	<input type="checkbox"/>	
Sulfate (SO4)	EPA 300.0/9056	P / 250 mL (G ok)	None	28 Days	<input type="checkbox"/>	
Total Organic Carbon as NPOC (TOC only)	EPA 9060, SM 5310C	AG / 125 mL NM	H2SO4 pH <2	28 Days	<input type="checkbox"/>	

Quality Control

QA/QC Sample Collected:

QA/QC Collected:

QA/QC Sample ID:

QA/QC Sample Time:

Photographs

Collect at least 1 photo of well location with enough of the background visible to determine well location.

Photographs:

photo

Sign-Off

Signature:

A handwritten signature consisting of two stylized, cursive letters, possibly 'L' and 'L', written in black ink.

Date: 11/01/2023

Time: 04:54 PM ()

Project Information

Field Tech: Chase Kresl

Date: 11/01/2023

Project Number: 11003

Project: Laundry Basket

Equipment

Water Level Indicator: WL#1 (100')

Water Quality Meter: YSI #1

Pump Type: Peristaltic #1 - Geopump II

Tubing Material: HDPE

Tubing Diameter (inch): 0.17

Tubing Length (feet): 15.00

Flow Cell Volume (mL): 250

Tubing Volume (mL): 67

Well Information

Well ID: MW-1

Well Depth (feet bTOC): 15.00

Well Diameter (inch): 2

Depth to LNAPL (feet bTOC): NP

Depth to Water (feet bTOC): 6.42

Water Column (feet): 8.58

Well Volume (L): 5.301

Well Condition

Well Condition: OK

Repairs Completed: None

Repairs Required: None

Low Flow Purge

Minimum Purge Volume (mL): 317

Maximum Purge Volume (L): 15.903

Volume Purged (gal):

Measurements begin after water level has stabilized in well

Time	Depth to Water (feet bTOC)	Purge Volume (mL)	Temp (F)	DO (mg/L)	Specific Cond (uS/cm)	pH	ORP (mV)	Visual Apperance
10:06 ()	6.43	500	51.7	0.87	742	5.97	-20.6	clear
10:10 ()	6.45	500	51.4	0.79	745	6.06	-28.9	clear
10:13 ()	6.45	500	52.2	0.63	731	6.21	-30.9	clear
10:16 ()	6.46	500	51.2	0.46	714	6.27	-32.7	clear
10:20 ()	6.46	500	53.3	0.43	708	6.29	-34.2	clear
10:23 ()	6.46	500	53.4	0.39	700	6.30	-35.5	clear
Stabilization Criteria	<0.30 feet	<3 Well Volumes	+/- 3%	+/- 10%*	+/- 3%	+/- 0.10	+/- 10mV	-

Sample Collection

Sample Time: 09:20

Color:

Odor:

Sheen:

Turbidity:

Notes:

Sample Collection Notes

Lab Analysis	Method	Containers	Preservative	Hold Time	Field Filtered	Additional Comments
CVOC	EPA 8260B	3 - 40mL VOA vials	HCL	14 Days	<input type="checkbox"/>	
Ferrous Iron, (Fe ₂)	HACH 8146	P / 250 mL (G ok)	None	15 Min	<input type="checkbox"/>	
Methane, Ethane, Ethene (MEE)	EPA 8015	3 - 40mL VOA vials	HCL to pH <2	14 Days	<input type="checkbox"/>	
Nitrate + Nitrite, Nitrogen	EPA 353.2	P / 250 mL (G ok)	H ₂ SO ₄ to pH <2	28 Days	<input type="checkbox"/>	
Sulfate (SO ₄)	EPA 300.0/9056	P / 250 mL (G ok)	None	28 Days	<input type="checkbox"/>	
Total Organic Carbon as NPOC (TOC only)	EPA 9060, SM 5310C	AG / 125 mL NM	H ₂ SO ₄ pH <2	28 Days	<input type="checkbox"/>	

Quality Control

QA/QC Sample Collected:

QA/QC Collected:

QA/QC Sample ID:

QA/QC Sample Time: 10:25 AM ()

Photographs

Collect at least 1 photo of well location with enough of the background visible to determine well location.

Photographs:



photo

Sign-Off

Signature:

Date: 11/01/2023

Time: 10:30 AM ()

Project Information

Field Tech: Chase Kresl

Date: 11/02/2023

Project Number: 11003

Project: Laundry Basket

Equipment

Water Level Indicator: WL#1 (100')

Water Quality Meter: YSI #1

Pump Type: Peristaltic #1 - Geopump II

Tubing Material: HDPE

Tubing Diameter (inch): 0.17

Tubing Length (feet): 30.00

Flow Cell Volume (mL): 250

Tubing Volume (mL): 134

Well Information

Well ID: MW-16D

Well Depth (feet bTOC): 30.00

Well Diameter (inch): 2

Depth to LNAPL (feet bTOC): NP

Depth to Water (feet bTOC): 5.92

Water Column (feet): 24.08

Well Volume (L): 14.878

Well Condition

Well Condition: OK

Repairs Completed: None

Repairs Required: None

Low Flow Purge

Minimum Purge Volume (mL): 384

Maximum Purge Volume (L): 44.633

Volume Purged (gal):

Measurements begin after water level has stabilized in well

Time	Depth to Water (feet bTOC)	Purge Volume (mL)	Temp (F)	DO (mg/L)	Specific Cond (uS/cm)	pH	ORP (mV)	Visual Apperance
12:26 ()	5.92	500	58.8	1.12	706	6.53	29.5	low
12:30 ()	5.92	500	57.1	0.49	715	6.95	-8.6	clear
12:33 ()	5.93	500	57.5	0.49	713	6.99	-14.1	clear
12:36 ()	5.93	500	57.0	0.51	714	7.03	-15.2	clear
Stabilization Criteria	<0.30 feet	<3 Well Volumes	+/- 3%	+/- 10%*	+/- 3%	+/- 0.10	+/- 10mV	-

Sample Collection

Sample Time: 11:50

Color:

Odor:

Sheen:

Turbidity:

Notes:

Sample Collection Notes

Lab Analysis	Method	Containers	Preservative	Hold Time	Field Filtered	Additional Comments
CVOC	EPA 8260B	3 - 40mL VOA vials	HCL	14 Days	<input type="checkbox"/>	
Ferrous Iron, (Fe ₂)	HACH 8146	P / 250 mL (G ok)	None	15 Min	<input type="checkbox"/>	
Methane, Ethane, Ethene (MEE)	EPA 8015	3 - 40mL VOA vials	HCL to pH <2	14 Days	<input type="checkbox"/>	
Nitrate + Nitrite, Nitrogen	EPA 353.2	P / 250 mL (G ok)	H ₂ SO ₄ to pH <2	28 Days	<input type="checkbox"/>	
Sulfate (SO ₄)	EPA 300.0/9056	P / 250 mL (G ok)	None	28 Days	<input type="checkbox"/>	
Total Organic Carbon as NPOC (TOC only)	EPA 9060, SM 5310C	AG / 125 mL NM	H ₂ SO ₄ pH <2	28 Days	<input type="checkbox"/>	

Quality Control

QA/QC Sample Collected:

QA/QC Collected:

QA/QC Sample ID:

QA/QC Sample Time:

Photographs

Collect at least 1 photo of well location with enough of the background visible to determine well location.

Photographs:

photo

Sign-Off

Signature:

A handwritten signature consisting of two stylized, cursive-like characters.

Date: 11/02/2023

Time: 12:32 PM ()

Project Information

Field Tech: Chase Kresl

Date: 11/02/2023

Project Number: 11003

Project: Laundry Basket

Equipment

Water Level Indicator: WL#1 (100')

Water Quality Meter: YSI #1

Pump Type: Peristaltic #1 - Geopump II

Tubing Material: HDPE

Tubing Diameter (inch): 0.17

Tubing Length (feet): 40.00

Flow Cell Volume (mL): 250

Tubing Volume (mL): 178

Well Information

Well ID: PZ-9

Well Depth (feet bTOC): 40.00

Well Diameter (inch): 2

Depth to LNAPL (feet bTOC): NP

Depth to Water (feet bTOC): 8.55

Water Column (feet): 31.45

Well Volume (L): 19.431

Well Condition

Well Condition: OK

Repairs Completed: lock

Repairs Required: None

Low Flow Purge

Minimum Purge Volume (mL): 428

Maximum Purge Volume (L): 58.294

Volume Purged (gal):

Measurements begin after water level has stabilized in well

Time	Depth to Water (feet bTOC)	Purge Volume (mL)	Temp (F)	DO (mg/L)	Specific Cond (uS/cm)	pH	ORP (mV)	Visual Appearance
15:01 ()	8.55	500	53.3	3.00	486.4	5.41	211.0	clear
15:04 ()	8.55	500	53.8	1.72	525.8	5.91	189.9	clear
15:07 ()	8.55	500	53.5	1.48	526.8	6.14	177.0	clear
15:10 ()	8.55	500	53.3	0.96	526.0	6.24	179.8	clear
15:13 ()	8.55	500	54.4	0.99	525.5	6.32	165.2	clear
15:16 ()	8.55	500	53.9	0.99	526.7	6.34	160.8	clear
15:19 ()	8.55	500	53.9	0.98	524.9	6.33	159.9	clear
Stabilization Criteria	<0.30 feet	<3 Well Volumes	+/- 3%	+/- 10%*	+/- 3%	+/- 0.10	+/- 10mV	-

Sample Collection

Sample Time: 14:20

Color:

Odor:

Sheen:

Turbidity:

Notes:

0.26 Sample Collection Notes

Lab Analysis	Method	Containers	Preservative	Hold Time	Field Filtered	Additional Comments
CVOC	EPA 8260B	3 - 40mL VOA vials	HCL	14 Days	<input type="checkbox"/>	
Ferrous Iron, (Fe ₂)	HACH 8146	P / 250 mL (G ok)	None	15 Min	<input type="checkbox"/>	
Methane, Ethane, Ethene (MEE)	EPA 8015	3 - 40mL VOA vials	HCL to pH <2	14 Days	<input type="checkbox"/>	
Nitrate + Nitrite, Nitrogen	EPA 353.2	P / 250 mL (G ok)	H ₂ SO ₄ to pH <2	28 Days	<input type="checkbox"/>	
Sulfate (SO ₄)	EPA 300.0/9056	P / 250 mL (G ok)	None	28 Days	<input type="checkbox"/>	
Total Organic Carbon as NPOC (TOC only)	EPA 9060, SM 5310C	AG / 125 mL NM	H ₂ SO ₄ pH <2	28 Days	<input type="checkbox"/>	

Quality Control

QA/QC Sample Collected:

QA/QC Collected:

QA/QC Sample ID:

QA/QC Sample Time:

Photographs

Collect at least 1 photo of well location with enough of the background visible to determine well location.

Photographs:

photo

Sign-Off

Signature:

Date: 11/02/2023

A handwritten signature consisting of a large, stylized 'L' followed by a vertical line and a small hook.

Time: 03:22 PM ()

Project Information

Field Tech: Chase Kresl

Date: 11/01/2023

Project Number: 11003

Project: Laundry Basket

Equipment

Water Level Indicator: WL#1 (100')

Water Quality Meter: YSI #1

Pump Type: Peristaltic #1 - Geopump II

Tubing Material: HDPE

Tubing Diameter (inch): 0.17

Tubing Length (feet): 15.00

Flow Cell Volume (mL): 250

Tubing Volume (mL): 67

Well Information

Well ID: MW-3

Well Depth (feet bTOC): 15.00

Well Diameter (inch): 2

Depth to LNAPL (feet bTOC): NP

Depth to Water (feet bTOC): 6.23

Water Column (feet): 8.77

Well Volume (L): 5.419

Well Condition

Well Condition: OK

Repairs Completed: None

Repairs Required: None

Low Flow Purge

Minimum Purge Volume (mL): 317

Maximum Purge Volume (L): 16.256

Volume Purged (gal):

Measurements begin after water level has stabilized in well

Time	Depth to Water (feet bTOC)	Purge Volume (mL)	Temp (F)	DO (mg/L)	Specific Cond (uS/cm)	pH	ORP (mV)	Visual Appearance
11:33 ()	6.23	500	51.1	3.79	826	6.17	-55.8	clear
11:36 ()	6.29	500	54.5	3.13	650.2	6.29	-41.2	clear
11:39 ()	6.35	500	54.7	2.99	593.4	6.50	-29.3	clear
11:42 ()	6.35	500	54.6	2.99	565.4	6.57	-10.3	clear
11:45 ()	6.27	500	53.1	2.99	554.3	6.59	-4.4	clear
11:48 ()	6.26	500	53.9	2.95	531.4	6.57	0.3	clear
Stabilization Criteria	<0.30 feet	<3 Well Volumes	+/- 3%	+/- 10%*	+/- 3%	+/- 0.10	+/- 10mV	-

Sample Collection

Sample Time: 10:45

Color:

Odor:

Sheen:

Turbidity:

Notes:

0.26 salinity

Lab Analysis	Method	Containers	Preservative	Hold Time	Field Filtered	Additional Comments
CVOC	EPA 8260B	3 - 40mL VOA vials	HCL	14 Days	<input type="checkbox"/>	
Ferrous Iron, (Fe ₂)	HACH 8146	P / 250 mL (G ok)	None	15 Min	<input type="checkbox"/>	
Methane, Ethane, Ethene (MEE)	EPA 8015	3 - 40mL VOA vials	HCL to pH <2	14 Days	<input type="checkbox"/>	
Nitrate + Nitrite, Nitrogen	EPA 353.2	P / 250 mL (G ok)	H ₂ SO ₄ to pH <2	28 Days	<input type="checkbox"/>	
Sulfate (SO ₄)	EPA 300.0/9056	P / 250 mL (G ok)	None	28 Days	<input type="checkbox"/>	
Total Organic Carbon as NPOC (TOC only)	EPA 9060, SM 5310C	AG / 125 mL NM	H ₂ SO ₄ pH <2	28 Days	<input type="checkbox"/>	

Quality Control

QA/QC Sample Collected:

QA/QC Collected:

QA/QC Sample ID:

QA/QC Sample Time:

Photographs

Collect at least 1 photo of well location with enough of the background visible to determine well location.

Photographs:

photo

Sign-Off

Signature:

Date: 11/01/2023

A handwritten signature consisting of a single, fluid, cursive stroke that starts with a small loop on the left and ends with a horizontal line on the right.

Time: 11:45 AM ()

Project Information

Field Tech: Chase Kresl

Date: 11/01/2023

Project Number: 11003

Project: Laundry Basket

Equipment

Water Level Indicator: WL#1 (100')

Water Quality Meter: YSI #1

Pump Type: Peristaltic #1 - Geopump II

Tubing Material: HDPE

Tubing Diameter (inch): 0.17

Tubing Length (feet): 15.00

Flow Cell Volume (mL): 250

Tubing Volume (mL): 67

Well Information

Well ID: MW-4

Well Depth (feet bTOC): 15.00

Well Diameter (inch): 2

Depth to LNAPL (feet bTOC): NP

Depth to Water (feet bTOC): 9.94

Water Column (feet): 5.06

Well Volume (L): 3.126

Well Condition

Well Condition: OK

Repairs Completed: lock

Repairs Required:

Low Flow Purge

Minimum Purge Volume (mL): 317

Maximum Purge Volume (L): 9.379

Volume Purged (gal):

Measurements begin after water level has stabilized in well

Time	Depth to Water (feet bTOC)	Purge Volume (mL)	Temp (F)	DO (mg/L)	Specific Cond (uS/cm)	pH	ORP (mV)	Visual Appearance
12:08 ()	9.95	500	50.5	11.59	135.4	6.72	66.3	clear
12:11 ()	9.97	500	50.2	11.06	122.3	6.73	74.4	clear
12:14 ()	9.99	500	50.5	10.85	119.7	6.72	80.6	clear
12:18 ()	9.99	500	49.1	10.91	121.2	6.69	87.7	clear
Stabilization Criteria	<0.30 feet	<3 Well Volumes	+/- 3%	+/- 10%*	+/- 3%	+/- 0.10	+/- 10mV	-

Sample Collection

Sample Time: 11:20

Color:

Odor:

Sheen:

Turbidity:

Notes:

0.06 salinity

Lab Analysis	Method	Containers	Preservative	Hold Time	Field Filtered	Additional Comments
CVOC	EPA 8260B	3 - 40mL VOA vials	HCL	14 Days	<input type="checkbox"/>	
Ferrous Iron, (Fe ₂)	HACH 8146	P / 250 mL (G ok)	None	15 Min	<input type="checkbox"/>	
Methane, Ethane, Ethene (MEE)	EPA 8015	3 - 40mL VOA vials	HCL to pH <2	14 Days	<input type="checkbox"/>	
Nitrate + Nitrite, Nitrogen	EPA 353.2	P / 250 mL (G ok)	H ₂ SO ₄ to pH <2	28 Days	<input type="checkbox"/>	
Sulfate (SO ₄)	EPA 300.0/9056	P / 250 mL (G ok)	None	28 Days	<input type="checkbox"/>	
Total Organic Carbon as NPOC (TOC only)	EPA 9060, SM 5310C	AG / 125 mL NM	H ₂ SO ₄ pH <2	28 Days	<input type="checkbox"/>	

Quality Control

QA/QC Sample Collected:

QA/QC Collected:

QA/QC Sample ID:

QA/QC Sample Time:

Photographs

Collect at least 1 photo of well location with enough of the background visible to determine well location.

Photographs:



photo

Sign-Off

Signature:

Date: 11/01/2023

A simple handwritten signature mark consisting of a single line that curves upwards and then downwards.

Time: 12:18 PM ()

Project Information

Field Tech: Chase Kresl

Date: 11/01/2023

Project Number: 11003

Project: Laundry Basket

Equipment

Water Level Indicator: WL#1 (100')

Water Quality Meter: YSI #1

Pump Type: Peristaltic #1 - Geopump II

Tubing Material: HDPE

Tubing Diameter (inch): 0.17

Tubing Length (feet): 30.00

Flow Cell Volume (mL): 250

Tubing Volume (mL): 134

Well Information

Well ID: MW-10-30 (LT)

Well Depth (feet bTOC): 15.00

Well Diameter (inch): 2

Depth to LNAPL (feet bTOC): NP

Depth to Water (feet bTOC): 2.35

Water Column (feet): 12.65

Well Volume (L): 7.816

Well Condition

Well Condition: OK

Repairs Completed: None

Repairs Required: None

Low Flow Purge

Minimum Purge Volume (mL): 384

Maximum Purge Volume (L): 23.447

Volume Purged (gal):

Measurements begin after water level has stabilized in well

Time	Depth to Water (feet bTOC)	Purge Volume (mL)	Temp (F)	DO (mg/L)	Specific Cond (uS/cm)	pH	ORP (mV)	Visual Appearance
15:00 ()	2.35	500	49.6	5.28	735	5.64	164.4	clear
15:03 ()	2.38	500	50.0	3.75	759	6.08	143.9	clear
15:06 ()	2.36	500	49.5	4.92	763	6.25	135.5	clear
15:09 ()	2.36	500	49.9	2.46	763	6.36	130.2	clear
15:12 ()	2.35	500	49.2	2.53	763	6.44	125.5	clear
15:15 ()	2.35	500	49.7	2.45	764	6.44	124.1	clear
Stabilization Criteria	<0.30 feet	<3 Well Volumes	+/- 3%	+/- 10%*	+/- 3%	+/- 0.10	+/- 10mV	-

Sample Collection

Sample Time: 14:20

Color:

Odor:

Sheen:

Turbidity:

Notes:

0.37 salinity

Lab Analysis	Method	Containers	Preservative	Hold Time	Field Filtered	Additional Comments
CVOC	EPA 8260B	3 - 40mL VOA vials	HCL	14 Days	<input type="checkbox"/>	
Ferrous Iron, (Fe ₂)	HACH 8146	P / 250 mL (G ok)	None	15 Min	<input type="checkbox"/>	
Methane, Ethane, Ethene (MEE)	EPA 8015	3 - 40mL VOA vials	HCL to pH <2	14 Days	<input type="checkbox"/>	
Nitrate + Nitrite, Nitrogen	EPA 353.2	P / 250 mL (G ok)	H ₂ SO ₄ to pH <2	28 Days	<input type="checkbox"/>	
Sulfate (SO ₄)	EPA 300.0/9056	P / 250 mL (G ok)	None	28 Days	<input type="checkbox"/>	
Total Organic Carbon as NPOC (TOC only)	EPA 9060, SM 5310C	AG / 125 mL NM	H ₂ SO ₄ pH <2	28 Days	<input type="checkbox"/>	

Quality Control

QA/QC Sample Collected:

QA/QC Collected:

QA/QC Sample ID:

QA/QC Sample Time:

Photographs

Collect at least 1 photo of well location with enough of the background visible to determine well location.

Photographs:

photo

Sign-Off

Signature:

A handwritten signature consisting of two stylized, cursive-like characters.

Date: 11/01/2023

Time: 02:59 PM ()

Project Information

Field Tech: Chase Kresl

Date: 11/02/2023

Project Number: 11003

Project: Laundry Basket

Equipment

Water Level Indicator: WL#1 (100')

Water Quality Meter: YSI #1

Pump Type: Peristaltic #1 - Geopump II

Tubing Material: HDPE

Tubing Diameter (inch): 0.17

Tubing Length (feet): 15.00

Flow Cell Volume (mL): 250

Tubing Volume (mL): 67

Well Information

Well ID: MW-7 (LT)

Well Depth (feet bTOC): 15.00

Well Diameter (inch): 2

Depth to LNAPL (feet bTOC): NP

Depth to Water (feet bTOC): 5.32

Water Column (feet): 9.68

Well Volume (L): 5.981

Well Condition

Well Condition: OK

Repairs Completed: None

Repairs Required: None

Low Flow Purge

Minimum Purge Volume (mL): 317

Maximum Purge Volume (L): 17.942

Volume Purged (gal):

Measurements begin after water level has stabilized in well

Time	Depth to Water (feet bTOC)	Purge Volume (mL)	Temp (F)	DO (mg/L)	Specific Cond (uS/cm)	pH	ORP (mV)	Visual Apperance
08:10 ()	5.35	500	52.3	5.68	436.6	6.47	216.7	clear
08:15 ()	5.40	500	52.3	5.39	433.7	6.50	197.7	clear
08:18 ()	3.40	500	52.5	5.45	434.7	6.38	180.1	clear
08:21 ()	3.40	500	52.7	5.34	435.6	6.28	188.5	clear
08:24 ()	3.41	500	52.8	5.28	436.9	6.29	188.1	clear
Stabilization Criteria	<0.30 feet	<3 Well Volumes	+/- 3%	+/- 10%*	+/- 3%	+/- 0.10	+/- 10mV	-

Sample Collection

Sample Time: 07:30

Color:

Odor:

Sheen:

Turbidity:

Notes:

0.21 salinity

Lab Analysis	Method	Containers	Preservative	Hold Time	Field Filtered	Additional Comments
CVOC	EPA 8260B	3 - 40mL VOA vials	HCL	14 Days	<input type="checkbox"/>	
Ferrous Iron, (Fe2)	HACH 8146	P / 250 mL (G ok)	None	15 Min	<input type="checkbox"/>	
Methane, Ethane, Ethene (MEE)	EPA 8015	3 - 40mL VOA vials	HCL to pH <2	14 Days	<input type="checkbox"/>	
Nitrate + Nitrite, Nitrogen	EPA 353.2	P / 250 mL (G ok)	H2SO4 to pH <2	28 Days	<input type="checkbox"/>	
Sulfate (SO4)	EPA 300.0/9056	P / 250 mL (G ok)	None	28 Days	<input type="checkbox"/>	
Total Organic Carbon as NPOC (TOC only)	EPA 9060, SM 5310C	AG / 125 mL NM	H2SO4 pH <2	28 Days	<input type="checkbox"/>	

Quality Control

QA/QC Sample Collected:

QA/QC Collected:

QA/QC Sample ID:

QA/QC Sample Time: 08:35 AM ()

Photographs

Collect at least 1 photo of well location with enough of the background visible to determine well location.

Photographs:



photo

Sign-Off

Signature:

[Handwritten signature]

Date: 11/02/2023

Time: 08:19 AM ()

Project Information

Field Tech: Chase Kresl

Date: 11/02/2023

Project Number: 11003

Project: Laundry Basket

Equipment

Water Level Indicator: WL#1 (100')

Water Quality Meter: YSI #1

Pump Type: Peristaltic #1 - Geopump II

Tubing Material: HDPE

Tubing Diameter (inch): 0.17

Tubing Length (feet): 15.00

Flow Cell Volume (mL): 250

Tubing Volume (mL): 67

Well Information

Well ID: MW-16S

Well Depth (feet bTOC): 15.00

Well Diameter (inch): 2

Depth to LNAPL (feet bTOC): NP

Depth to Water (feet bTOC): 4.05

Water Column (feet): 10.95

Well Volume (L): 6.765

Well Condition

Well Condition: OK

Repairs Completed: bolts

Repairs Required: None

Low Flow Purge

Minimum Purge Volume (mL): 317

Maximum Purge Volume (L): 20.296

Volume Purged (gal):

Measurements begin after water level has stabilized in well

Time	Depth to Water (feet bTOC)	Purge Volume (mL)	Temp (F)	DO (mg/L)	Specific Cond (uS/cm)	pH	ORP (mV)	Visual Apperance
11:48 ()	4.09	500	54.6	2.99	457.9	5.85	50.7	clear
11:51 ()	4.09	500	53.7	2.93	487.7	6.23	53.6	clear
11:54 ()	4.09	500	53.2	3.27	482.1	6.29	63.9	clear
11:58 ()	4.09	500	54.7	3.86	476.3	6.38	71.2	clear
12:01 ()	4.09	500	54.4	3.77	476.4	6.38	73.9	clear
Stabilization Criteria	<0.30 feet	<3 Well Volumes	+/- 3%	+/- 10%*	+/- 3%	+/- 0.10	+/- 10mV	-

Sample Collection

Sample Time: 11:10

Color:

Odor:

Sheen:

Turbidity:

Notes:

0.23 Sample Collection Notes

Lab Analysis	Method	Containers	Preservative	Hold Time	Field Filtered	Additional Comments
CVOC	EPA 8260B	3 - 40mL VOA vials	HCL	14 Days	<input type="checkbox"/>	
Ferrous Iron, (Fe ₂)	HACH 8146	P / 250 mL (G ok)	None	15 Min	<input type="checkbox"/>	
Methane, Ethane, Ethene (MEE)	EPA 8015	3 - 40mL VOA vials	HCL to pH <2	14 Days	<input type="checkbox"/>	
Nitrate + Nitrite, Nitrogen	EPA 353.2	P / 250 mL (G ok)	H ₂ SO ₄ to pH <2	28 Days	<input type="checkbox"/>	
Sulfate (SO ₄)	EPA 300.0/9056	P / 250 mL (G ok)	None	28 Days	<input type="checkbox"/>	
Total Organic Carbon as NPOC (TOC only)	EPA 9060, SM 5310C	AG / 125 mL NM	H ₂ SO ₄ pH <2	28 Days	<input type="checkbox"/>	

Quality Control

QA/QC Sample Collected:

QA/QC Collected:

QA/QC Sample ID:

QA/QC Sample Time:

Photographs

Collect at least 1 photo of well location with enough of the background visible to determine well location.

Photographs:

photo

Sign-Off

Signature:

A handwritten signature in black ink, consisting of a large, stylized 'S' shape followed by a smaller, more complex flourish.

Date: 11/02/2023

Time: 12:10 PM ()

Project Information

Field Tech: Chase Kresl

Date: 11/02/2023

Project Number: 11003

Project: Laundry Basket

Equipment

Water Level Indicator: WL#1 (100')

Water Quality Meter: YSI #1

Pump Type: Peristaltic #1 - Geopump II

Tubing Material: HDPE

Tubing Diameter (inch): 0.17

Tubing Length (feet): 30.00

Flow Cell Volume (mL): 250

Tubing Volume (mL): 134

Well Information

Well ID: MW-7-30 (LT)

Well Depth (feet bTOC): 30.00

Well Diameter (inch): 2

Depth to LNAPL (feet bTOC): NP

Depth to Water (feet bTOC): 5.02

Water Column (feet): 24.98

Well Volume (L): 15.434

Well Condition

Well Condition: OK

Repairs Completed: None

Repairs Required: None

Low Flow Purge

Minimum Purge Volume (mL): 384

Maximum Purge Volume (L): 46.301

Volume Purged (gal):

Measurements begin after water level has stabilized in well

Time	Depth to Water (feet bTOC)	Purge Volume (mL)	Temp (F)	DO (mg/L)	Specific Cond (uS/cm)	pH	ORP (mV)	Visual Appearance
08:49 ()	5.02	500	47.4	1.42	638.8	5.91	196.6	clear
08:52 ()	5.03	500	46.6	1.02	662.6	6.09	184.9	clear
08:55 ()	5.08	500	47.8	0.65	674.9	6.20	179.0	clear
08:58 ()	5.35	500	47.6	0.58	681.5	6.26	175.9	clear
09:01 ()	5.09	500	47.9	0.58	173.5	6.28	173.4	clear
Stabilization Criteria	<0.30 feet	<3 Well Volumes	+/- 3%	+/- 10%*	+/- 3%	+/- 0.10	+/- 10mV	-

Sample Collection

Sample Time: 08:10

Color:

Odor:

Sheen:

Turbidity:

Notes:

0.33 Sample Collection Notes

Lab Analysis	Method	Containers	Preservative	Hold Time	Field Filtered	Additional Comments
CVOC	EPA 8260B	3 - 40mL VOA vials	HCL	14 Days	<input type="checkbox"/>	
Ferrous Iron, (Fe ₂)	HACH 8146	P / 250 mL (G ok)	None	15 Min	<input type="checkbox"/>	
Methane, Ethane, Ethene (MEE)	EPA 8015	3 - 40mL VOA vials	HCL to pH <2	14 Days	<input type="checkbox"/>	
Nitrate + Nitrite, Nitrogen	EPA 353.2	P / 250 mL (G ok)	H ₂ SO ₄ to pH <2	28 Days	<input type="checkbox"/>	
Sulfate (SO ₄)	EPA 300.0/9056	P / 250 mL (G ok)	None	28 Days	<input type="checkbox"/>	
Total Organic Carbon as NPOC (TOC only)	EPA 9060, SM 5310C	AG / 125 mL NM	H ₂ SO ₄ pH <2	28 Days	<input type="checkbox"/>	

Quality Control

QA/QC Sample Collected:

QA/QC Collected:

QA/QC Sample ID:

QA/QC Sample Time:

Photographs

Collect at least 1 photo of well location with enough of the background visible to determine well location.

Photographs:

photo

Sign-Off

Signature:

A handwritten signature consisting of a horizontal line that curves upwards at the right end, followed by a vertical line that curves to the left at the top.

Date: 11/02/2023

Time: 08:55 AM ()

Project Information

Field Tech: Chase Kresl

Date: 11/01/2023

Project Number: 11003

Project: Laundry Basket

Equipment

Water Level Indicator: WL#1 (100')

Water Quality Meter: YSI #1

Pump Type: Peristaltic #1 - Geopump II

Tubing Material: HDPE

Tubing Diameter (inch): 0.17

Tubing Length (feet): 15.00

Flow Cell Volume (mL): 250

Tubing Volume (mL): 67

Well Information

Well ID: MW-7 (EQ)

Well Depth (feet bTOC): 15.00

Well Diameter (inch): 2

Depth to LNAPL (feet bTOC): NP

Depth to Water (feet bTOC): 6.17

Water Column (feet): 8.83

Well Volume (L): 5.456

Well Condition

Well Condition: OK

Repairs Completed: bolts

Repairs Required: None

Low Flow Purge

Minimum Purge Volume (mL): 317

Maximum Purge Volume (L): 16.367

Volume Purged (gal):

Measurements begin after water level has stabilized in well

Time	Depth to Water (feet bTOC)	Purge Volume (mL)	Temp (F)	DO (mg/L)	Specific Cond (uS/cm)	pH	ORP (mV)	Visual Appearance
13:17 ()	6.17	500	57.5	0.82	842	5.76	154.9	clear
13:20 ()	6.18	500	57.9	0.45	852	6.03	140.5	clear
13:23 ()	6.20	500	57.9	0.37	849	6.12	136.4	clear
13:26 ()	6.29	500	57.2	0.36	847	6.13	132.9	clear
Stabilization Criteria	<0.30 feet	<3 Well Volumes	+/- 3%	+/- 10%*	+/- 3%	+/- 0.10	+/- 10mV	-

Sample Collection

Sample Time: 12:40

Color:

Odor:

Sheen:

Turbidity:

Notes:

0.42 salinity

Lab Analysis	Method	Containers	Preservative	Hold Time	Field Filtered	Additional Comments
CVOC	EPA 8260B	3 - 40mL VOA vials	HCL	14 Days	<input type="checkbox"/>	
Ferrous Iron, (Fe ₂)	HACH 8146	P / 250 mL (G ok)	None	15 Min	<input type="checkbox"/>	
Methane, Ethane, Ethene (MEE)	EPA 8015	3 - 40mL VOA vials	HCL to pH <2	14 Days	<input type="checkbox"/>	
Nitrate + Nitrite, Nitrogen	EPA 353.2	P / 250 mL (G ok)	H ₂ SO ₄ to pH <2	28 Days	<input type="checkbox"/>	
Sulfate (SO ₄)	EPA 300.0/9056	P / 250 mL (G ok)	None	28 Days	<input type="checkbox"/>	
Total Organic Carbon as NPOC (TOC only)	EPA 9060, SM 5310C	AG / 125 mL NM	H ₂ SO ₄ pH <2	28 Days	<input type="checkbox"/>	

Quality Control

QA/QC Sample Collected:

QA/QC Collected:

QA/QC Sample ID:

QA/QC Sample Time:

Photographs

Collect at least 1 photo of well location with enough of the background visible to determine well location.

Photographs:



photo

Sign-Off

Signature:

☞ ☞

Date: 11/01/2023

Time: 01:17 PM ()

Project Information

Field Tech: Chase Kresl

Date: 10/30/2023

Project Number: 11003

Project: Laundry Basket

Equipment

Water Level Indicator: WL#1 (100')

Water Quality Meter: YSI #1

Pump Type: Peristaltic #1 - Geopump II

Tubing Material: HDPE

Tubing Diameter (inch): 0.17

Tubing Length (feet): 30.00

Flow Cell Volume (mL): 250

Tubing Volume (mL): 134

Well Information

Well ID: MW-5 (EQ)

Well Depth (feet bTOC): 15.00

Well Diameter (inch): 2

Depth to LNAPL (feet bTOC): NP

Depth to Water (feet bTOC): 8.67

Water Column (feet): 6.33

Well Volume (L): 3.911

Well Condition

Well Condition: OK

Repairs Completed: lock

Repairs Required: None

Low Flow Purge

Minimum Purge Volume (mL): 384

Maximum Purge Volume (L): 11.733

Volume Purged (gal):

Measurements begin after water level has stabilized in well

Time	Depth to Water (feet bTOC)	Purge Volume (mL)	Temp (F)	DO (mg/L)	Specific Cond (uS/cm)	pH	ORP (mV)	Visual Appearance
16:02 ()	8.87	500	50.5	1.71	416.3	5.89	175.8	clear
16:05 ()	6.87	500	51.7	0.46	493.0	6.04	159.8	clear
16:08 ()	8.99	500	50.8	0.55	571.1	6.10	157.6	clear
16:11 ()	8.99	500	49.8	0.60	602.3	6.10	148.9	clear
16:14 ()	8.99	500	49.2	0.56	609.9	6.08	147.7	clear
Stabilization Criteria	<0.30 feet	<3 Well Volumes	+/- 3%	+/- 10%*	+/- 3%	+/- 0.10	+/- 10mV	-

Sample Collection

Sample Time: 15:20

Color:

Odor:

Sheen:

Turbidity:

Notes:

0.30 Sample Collection Notes

Lab Analysis	Method	Containers	Preservative	Hold Time	Field Filtered	Additional Comments
CVOC	EPA 8260B	3 - 40mL VOA vials	HCL	14 Days	<input type="checkbox"/>	
Ferrous Iron, (Fe ₂)	HACH 8146	P / 250 mL (G ok)	None	15 Min	<input type="checkbox"/>	
Methane, Ethane, Ethene (MEE)	EPA 8015	3 - 40mL VOA vials	HCL to pH <2	14 Days	<input type="checkbox"/>	
Nitrate + Nitrite, Nitrogen	EPA 353.2	P / 250 mL (G ok)	H ₂ SO ₄ to pH <2	28 Days	<input type="checkbox"/>	
Sulfate (SO ₄)	EPA 300.0/9056	P / 250 mL (G ok)	None	28 Days	<input type="checkbox"/>	
Total Organic Carbon as NPOC (TOC only)	EPA 9060, SM 5310C	AG / 125 mL NM	H ₂ SO ₄ pH <2	28 Days	<input type="checkbox"/>	

Quality Control

QA/QC Sample Collected:

QA/QC Collected:

QA/QC Sample ID:

QA/QC Sample Time:

Photographs

Collect at least 1 photo of well location with enough of the background visible to determine well location.

Photographs:

photo

Sign-Off

Signature:



Date: 11/06/2023

Time: 10:22 AM ()

Project Information

Field Tech: Chase Kresl

Date: 11/01/2023

Project Number: 11003

Project: Laundry Basket

Equipment

Water Level Indicator: WL#1 (100')

Water Quality Meter: YSI #1

Pump Type: Peristaltic #1 - Geopump II

Tubing Material: HDPE

Tubing Diameter (inch): 0.17

Tubing Length (feet): 0.00

Flow Cell Volume (mL): 250

Tubing Volume (mL): 0

Well Information

Well ID: Muni #2

Well Depth (feet bTOC): 0.00

Well Diameter (inch): 2

Depth to LNAPL (feet bTOC): NP

Depth to Water (feet bTOC): 0

Water Column (feet): 0.00

Well Volume (L): 0.000

Well Condition

Well Condition: OK

Repairs Completed: None

Repairs Required: None

Low Flow Purge

Minimum Purge Volume (mL): 250

Maximum Purge Volume (L): 0.000

Volume Purged (gal): NaN

Measurements begin after water level has stabilized in well

Time	Depth to Water (feet bTOC)	Purge Volume (mL)	Temp (F)	DO (mg/L)	Specific Cond (uS/cm)	pH	ORP (mV)	Visual Apperance
Stabilization Criteria	<0.30 feet	<3 Well Volumes	+/- 3%	+/- 10%*	+/- 3%	+/- 0.10	+/- 10mV	-

Sample Collection

Sample Time: 13:15

Color:

Odor:

Sheen:

Turbidity:

Notes:

Sample Collection Notes

Lab Analysis	Method	Containers	Preservative	Hold Time	Field Filtered	Additional Comments
CVOC	EPA 8260B	3 - 40mL VOA vials	HCL	14 Days	<input type="checkbox"/>	
Ferrous Iron, (Fe ₂)	HACH 8146	P / 250 mL (G ok)	None	15 Min	<input type="checkbox"/>	
Methane, Ethane, Ethene (MEE)	EPA 8015	3 - 40mL VOA vials	HCL to pH <2	14 Days	<input type="checkbox"/>	
Nitrate + Nitrite, Nitrogen	EPA 353.2	P / 250 mL (G ok)	H ₂ SO ₄ to pH <2	28 Days	<input type="checkbox"/>	
Sulfate (SO ₄)	EPA 300.0/9056	P / 250 mL (G ok)	None	28 Days	<input type="checkbox"/>	
Total Organic Carbon as NPOC (TOC only)	EPA 9060, SM 5310C	AG / 125 mL NM	H ₂ SO ₄ pH <2	28 Days	<input type="checkbox"/>	

Quality Control

QA/QC Sample Collected:

QA/QC Collected:

QA/QC Sample ID:

QA/QC Sample Time:

Photographs

Collect at least 1 photo of well location with enough of the background visible to determine well location.

Photographs:

photo

Sign-Off

Signature:

A handwritten signature consisting of a single, continuous, wavy line.

Date: 11/01/2023

Time: 02:15 PM ()

Project Information

Field Tech: Chase Kresl

Date: 11/02/2023

Project Number: 11003

Project: Laundry Basket

Equipment

Water Level Indicator: WL#1 (100')

Water Quality Meter: YSI #1

Pump Type: Peristaltic #1 - Geopump II

Tubing Material: HDPE

Tubing Diameter (inch): 0.17

Tubing Length (feet): 15.00

Flow Cell Volume (mL): 250

Tubing Volume (mL): 67

Well Information

Well ID: MW-6 (LT)

Well Depth (feet bTOC): 15.00

Well Diameter (inch): 2

Depth to LNAPL (feet bTOC): NP

Depth to Water (feet bTOC): 3.89

Water Column (feet): 11.11

Well Volume (L): 6.864

Well Condition

Well Condition: OK

Repairs Completed: None

Repairs Required: None

Low Flow Purge

Minimum Purge Volume (mL): 317

Maximum Purge Volume (L): 20.593

Volume Purged (gal):

Measurements begin after water level has stabilized in well

Time	Depth to Water (feet bTOC)	Purge Volume (mL)	Temp (F)	DO (mg/L)	Specific Cond (uS/cm)	pH	ORP (mV)	Visual Apperance
10:54 ()	3.90	500	53.6	4.81	454.3	6.50	138.7	clear
10:57 ()	3.90	500	54.5	4.43	429.9	6.40	154.7	clear
11:00 ()	3.94	500	54.9	4.18	424.6	6.21	154.3	clear
11:03 ()	3.94	500	54.6	4.03	421.7	6.25	161.5	clear
11:06 ()	3.94	500	54.8	4.05	421.1	6.21	163.3	clear
Stabilization Criteria	<0.30 feet	<3 Well Volumes	+/- 3%	+/- 10%*	+/- 3%	+/- 0.10	+/- 10mV	-

Sample Collection

Sample Time: 10:10

Color:

Odor:

Sheen:

Turbidity:

Notes:

Sample Collection Notes0.20

Lab Analysis	Method	Containers	Preservative	Hold Time	Field Filtered	Additional Comments
CVOC	EPA 8260B	3 - 40mL VOA vials	HCL	14 Days	<input type="checkbox"/>	
Ferrous Iron, (Fe2)	HACH 8146	P / 250 mL (G ok)	None	15 Min	<input type="checkbox"/>	
Methane, Ethane, Ethene (MEE)	EPA 8015	3 - 40mL VOA vials	HCL to pH <2	14 Days	<input type="checkbox"/>	
Nitrate + Nitrite, Nitrogen	EPA 353.2	P / 250 mL (G ok)	H2SO4 to pH <2	28 Days	<input type="checkbox"/>	
Sulfate (SO4)	EPA 300.0/9056	P / 250 mL (G ok)	None	28 Days	<input type="checkbox"/>	
Total Organic Carbon as NPOC (TOC only)	EPA 9060, SM 5310C	AG / 125 mL NM	H2SO4 pH <2	28 Days	<input type="checkbox"/>	

Quality Control

QA/QC Sample Collected:

QA/QC Collected:

QA/QC Sample ID:

QA/QC Sample Time:

Photographs

Collect at least 1 photo of well location with enough of the background visible to determine well location.

Photographs:

photo

Sign-Off

Signature:

Date: 11/02/2023

Handwritten signature consisting of two stylized, mirrored characters that resemble the letter 'L' or 'C'.

Time: 11:04 AM ()

Project Information

Field Tech: Chase Kresl

Date: 11/02/2023

Project Number: 11003

Project: Laundry Basket

Equipment

Water Level Indicator: WL#1 (100')

Water Quality Meter: YSI #1

Pump Type: Peristaltic #1 - Geopump II

Tubing Material: HDPE

Tubing Diameter (inch): 0.17

Tubing Length (feet): 15.00

Flow Cell Volume (mL): 250

Tubing Volume (mL): 67

Well Information

Well ID: MW-15S

Well Depth (feet bTOC): 15.00

Well Diameter (inch): 2

Depth to LNAPL (feet bTOC): NP

Depth to Water (feet bTOC): 6.56

Water Column (feet): 8.44

Well Volume (L): 5.215

Well Condition

Well Condition: OK

Repairs Completed: None

Repairs Required: None

Low Flow Purge

Minimum Purge Volume (mL): 317

Maximum Purge Volume (L): 15.644

Volume Purged (gal):

Measurements begin after water level has stabilized in well

Time	Depth to Water (feet bTOC)	Purge Volume (mL)	Temp (F)	DO (mg/L)	Specific Cond (uS/cm)	pH	ORP (mV)	Visual Appearance
12:48 ()	6.56	500	57.4	3.54	823	6.77	94.4	clear
12:51 ()	6.56	500	57.7	3.43	827	6.65	105.9	clear
12:54 ()	6.57	500	56.8	3.23	830	6.55	114.4	clear
12:57 ()	6.57	500	57.1	3.19	826	6.56	115.9	clear
Stabilization Criteria	<0.30 feet	<3 Well Volumes	+/- 3%	+/- 10%*	+/- 3%	+/- 0.10	+/- 10mV	-

Sample Collection

Sample Time: 12:10

Color:

Odor:

Sheen:

Turbidity:

Notes:

0.41

16sSample Collection Notes

Lab Analysis	Method	Containers	Preservative	Hold Time	Field Filtered	Additional Comments
CVOC	EPA 8260B	3 - 40mL VOA vials	HCL	14 Days	<input type="checkbox"/>	
Ferrous Iron, (Fe ₂)	HACH 8146	P / 250 mL (G ok)	None	15 Min	<input type="checkbox"/>	
Methane, Ethane, Ethene (MEE)	EPA 8015	3 - 40mL VOA vials	HCL to pH <2	14 Days	<input type="checkbox"/>	
Nitrate + Nitrite, Nitrogen	EPA 353.2	P / 250 mL (G ok)	H ₂ SO ₄ to pH <2	28 Days	<input type="checkbox"/>	
Sulfate (SO ₄)	EPA 300.0/9056	P / 250 mL (G ok)	None	28 Days	<input type="checkbox"/>	
Total Organic Carbon as NPOC (TOC only)	EPA 9060, SM 5310C	AG / 125 mL NM	H ₂ SO ₄ pH <2	28 Days	<input type="checkbox"/>	

Quality Control

QA/QC Sample Collected:

QA/QC Collected:

QA/QC Sample ID:

QA/QC Sample Time:

Photographs

Collect at least 1 photo of well location with enough of the background visible to determine well location.

Photographs:

photo

Sign-Off

Signature:



Date: 11/02/2023

Time: 11:29 AM ()

Project Information

Field Tech: Chase Kresl

Date: 11/01/2023

Project Number: 11003

Project: Laundry Basket

Equipment

Water Level Indicator: WL#1 (100')

Water Quality Meter: YSI #1

Pump Type: Peristaltic #1 - Geopump II

Tubing Material: HDPE

Tubing Diameter (inch): 0.17

Tubing Length (feet): 50.00

Flow Cell Volume (mL): 250

Tubing Volume (mL): 223

Well Information

Well ID: MW-10-50 (LT)

Well Depth (feet bTOC): 15.00

Well Diameter (inch): 2

Depth to LNAPL (feet bTOC): NP

Depth to Water (feet bTOC): 2.09

Water Column (feet): 12.91

Well Volume (L): 7.976

Well Condition

Well Condition: OK

Repairs Completed: None

Repairs Required: None

Low Flow Purge

Minimum Purge Volume (mL): 473

Maximum Purge Volume (L): 23.929

Volume Purged (gal):

Measurements begin after water level has stabilized in well

Time	Depth to Water (feet bTOC)	Purge Volume (mL)	Temp (F)	DO (mg/L)	Specific Cond (uS/cm)	pH	ORP (mV)	Visual Apperance
15:31 ()	2.09	500	50.0	2.81	262.2	7.26	81.8	clear
15:34 ()	2.09	500	43.8	2.76	249.1	7.61	78.3	clear
15:37 ()	2.10	500	46.4	3.63	246.7	7.86	79.7	clear
15:40 ()	2.09	500	45.7	1.96	246.3	8.06	78.9	clear
15:43 ()	2.09	500	46.2	1.56	247.2	8.35	77.0	clear
15:46 ()	2.09	500	46.7	1.54	246.2	8.38	75.4	clear
15:49 ()	2.09	500	46.1	1.74	249.3	8.46	74.3	clear
Stabilization Criteria	<0.30 feet	<3 Well Volumes	+/- 3%	+/- 10%*	+/- 3%	+/- 0.10	+/- 10mV	-

Sample Collection

Sample Time:

Color:

Odor:

Sheen:

Turbidity:

Notes:

0.12 salinity

Lab Analysis	Method	Containers	Preservative	Hold Time	Field Filtered	Additional Comments
CVOC	EPA 8260B	3 - 40mL VOA vials	HCL	14 Days	<input type="checkbox"/>	
Ferrous Iron, (Fe ₂)	HACH 8146	P / 250 mL (G ok)	None	15 Min	<input type="checkbox"/>	
Methane, Ethane, Ethene (MEE)	EPA 8015	3 - 40mL VOA vials	HCL to pH <2	14 Days	<input type="checkbox"/>	
Nitrate + Nitrite, Nitrogen	EPA 353.2	P / 250 mL (G ok)	H ₂ SO ₄ to pH <2	28 Days	<input type="checkbox"/>	
Sulfate (SO ₄)	EPA 300.0/9056	P / 250 mL (G ok)	None	28 Days	<input type="checkbox"/>	
Total Organic Carbon as NPOC (TOC only)	EPA 9060, SM 5310C	AG / 125 mL NM	H ₂ SO ₄ pH <2	28 Days	<input type="checkbox"/>	

Quality Control

QA/QC Sample Collected:

QA/QC Collected:

QA/QC Sample ID:

QA/QC Sample Time:

Photographs

Collect at least 1 photo of well location with enough of the background visible to determine well location.

Photographs:

photo

Sign-Off

Signature:

A handwritten signature consisting of a horizontal line with a small hook at the end, followed by a vertical line that curves to the left.

Date: 11/01/2023

Time: 03:48 PM ()

Project Information

Field Tech: Chase Kresl

Date: 11/02/2023

Project Number: 11003

Project: Laundry Basket

Equipment

Water Level Indicator: WL#1 (100')

Water Quality Meter: YSI #1

Pump Type: Peristaltic #1 - Geopump II

Tubing Material: HDPE

Tubing Diameter (inch): 0.17

Tubing Length (feet): 40.00

Flow Cell Volume (mL): 250

Tubing Volume (mL): 178

Well Information

Well ID: MW-13D

Well Depth (feet bTOC): 30.00

Well Diameter (inch): 2

Depth to LNAPL (feet bTOC): NP

Depth to Water (feet bTOC): 4.36

Water Column (feet): 25.64

Well Volume (L): 15.842

Well Condition

Well Condition: OK

Repairs Completed: None

Repairs Required: None

Low Flow Purge

Minimum Purge Volume (mL): 428

Maximum Purge Volume (L): 47.525

Volume Purged (gal):

Measurements begin after water level has stabilized in well

Time	Depth to Water (feet bTOC)	Purge Volume (mL)	Temp (F)	DO (mg/L)	Specific Cond (uS/cm)	pH	ORP (mV)	Visual Apperance
13:18 ()	6.35	500	49.0	1.62	762	6.23	139.4	clear
13:22 ()	6.35	500	48.2	0.58	753	6.24	135.8	clear
13:25 ()	6.35	500	47.3	0.52	752	6.29	134.5	clear
13:28 ()	6.35	500	47.4	0.49	753	6.28	134.4	clear
Stabilization Criteria	<0.30 feet	<3 Well Volumes	+/- 3%	+/- 10%*	+/- 3%	+/- 0.10	+/- 10mV	-

Sample Collection

Sample Time: 12:40

Color:

Odor:

Sheen:

Turbidity:

Notes:

Sample Collection Notes0.37

Lab Analysis	Method	Containers	Preservative	Hold Time	Field Filtered	Additional Comments
CVOC	EPA 8260B	3 - 40mL VOA vials	HCL	14 Days	<input type="checkbox"/>	
Ferrous Iron, (Fe ₂)	HACH 8146	P / 250 mL (G ok)	None	15 Min	<input type="checkbox"/>	
Methane, Ethane, Ethene (MEE)	EPA 8015	3 - 40mL VOA vials	HCL to pH <2	14 Days	<input type="checkbox"/>	
Nitrate + Nitrite, Nitrogen	EPA 353.2	P / 250 mL (G ok)	H ₂ SO ₄ to pH <2	28 Days	<input type="checkbox"/>	
Sulfate (SO ₄)	EPA 300.0/9056	P / 250 mL (G ok)	None	28 Days	<input type="checkbox"/>	
Total Organic Carbon as NPOC (TOC only)	EPA 9060, SM 5310C	AG / 125 mL NM	H ₂ SO ₄ pH <2	28 Days	<input type="checkbox"/>	

Quality Control

QA/QC Sample Collected:

QA/QC Collected:

QA/QC Sample ID:

QA/QC Sample Time:

Photographs

Collect at least 1 photo of well location with enough of the background visible to determine well location.

Photographs:

photo

Sign-Off

Signature:

A handwritten signature in black ink, consisting of a series of connected loops and a final horizontal stroke.

Date: 11/02/2023

Time: 01:34 PM ()

Project Information

Field Tech: Chase Kresl

Date: 11/01/2023

Project Number: 11003

Project: Laundry Basket

Equipment

Water Level Indicator: WL#1 (100')

Water Quality Meter: YSI #1

Pump Type: Peristaltic #1 - Geopump II

Tubing Material: HDPE

Tubing Diameter (inch): 0.17

Tubing Length (feet): 70.00

Flow Cell Volume (mL): 250

Tubing Volume (mL): 312

Well Information

Well ID: MW-17-70

Well Depth (feet bTOC): 70.00

Well Diameter (inch): 2

Depth to LNAPL (feet bTOC): NP

Depth to Water (feet bTOC): 1.1

Water Column (feet): 68.90

Well Volume (L): 42.570

Well Condition

Well Condition: OK

Repairs Completed: None

Repairs Required: None

Low Flow Purge

Minimum Purge Volume (mL): 562

Maximum Purge Volume (L): 127.709

Volume Purged (gal):

Measurements begin after water level has stabilized in well

Time	Depth to Water (feet bTOC)	Purge Volume (mL)	Temp (F)	DO (mg/L)	Specific Cond (uS/cm)	pH	ORP (mV)	Visual Apperance
13:53 ()	8.00	500	60.3	5.2	500	5.25	200	clear
17:16 ()	1.10	600	50.2	7.70	645.2	7.34	-2.0	clear
17:19 ()	1.10	600	50.1	7.69	644.8	7.37	17.2	clear
17:22 ()	1.10	600	50.6	7.53	641.9	7.34	29.6	clear
17:25 ()	1.10	600	51.9	7.56	648.2	7.29	42.1	clear
17:28 ()	1.00	600	52.3	7.15	656.9	7.28	49.7	clear
Stabilization Criteria	<0.30 feet	<3 Well Volumes	+/- 3%	+/- 10%*	+/- 3%	+/- 0.10	+/- 10mV	-

Sample Collection

Sample Time: 16:30

Color:

Odor:

Sheen:

Turbidity:

Notes:

Sample Collection Notes0.32

Lab Analysis	Method	Containers	Preservative	Hold Time	Field Filtered	Additional Comments
CVOC	EPA 8260B	3 - 40mL VOA vials	HCL	14 Days	<input type="checkbox"/>	
Ferrous Iron, (Fe ₂)	HACH 8146	P / 250 mL (G ok)	None	15 Min	<input type="checkbox"/>	
Methane, Ethane, Ethene (MEE)	EPA 8015	3 - 40mL VOA vials	HCL to pH <2	14 Days	<input type="checkbox"/>	
Nitrate + Nitrite, Nitrogen	EPA 353.2	P / 250 mL (G ok)	H ₂ SO ₄ to pH <2	28 Days	<input type="checkbox"/>	
Sulfate (SO ₄)	EPA 300.0/9056	P / 250 mL (G ok)	None	28 Days	<input type="checkbox"/>	
Total Organic Carbon as NPOC (TOC only)	EPA 9060, SM 5310C	AG / 125 mL NM	H ₂ SO ₄ pH <2	28 Days	<input type="checkbox"/>	

Quality Control

QA/QC Sample Collected:

QA/QC Collected:

QA/QC Sample ID:

QA/QC Sample Time:

Photographs

Collect at least 1 photo of well location with enough of the background visible to determine well location.

Photographs:

photo

Sign-Off

Signature:



Date: 11/01/2023

Time: 05:22 PM ()

Project Information

Field Tech: Chase Kresl

Date: 11/02/2023

Project Number: 11003

Project: Laundry Basket

Equipment

Water Level Indicator: WL#1 (100')

Water Quality Meter: YSI #1

Pump Type: Peristaltic #1 - Geopump II

Tubing Material: HDPE

Tubing Diameter (inch): 0.17

Tubing Length (feet): 20.00

Flow Cell Volume (mL): 250

Tubing Volume (mL): 89

Well Information

Well ID: MW-13

Well Depth (feet bTOC): 15.00

Well Diameter (inch): 2

Depth to LNAPL (feet bTOC): NP

Depth to Water (feet bTOC): 4.76

Water Column (feet): 10.24

Well Volume (L): 6.327

Well Condition

Well Condition: OK

Repairs Completed: None

Repairs Required: None

Low Flow Purge

Minimum Purge Volume (mL): 339

Maximum Purge Volume (L): 18.980

Volume Purged (gal):

Measurements begin after water level has stabilized in well

Time	Depth to Water (feet bTOC)	Purge Volume (mL)	Temp (F)	DO (mg/L)	Specific Cond (uS/cm)	pH	ORP (mV)	Visual Appearance
13:39 ()	4.76	500	49.7	10.65	284.4	6.70	131.4	clear
13:42 ()	4.76	500	48.7	10.54	243.3	6.64	137.7	clear
13:45 ()	4.77	500	50.0	10.50	240.2	6.63	144.3	clear
Stabilization Criteria	<0.30 feet	<3 Well Volumes	+/- 3%	+/- 10%*	+/- 3%	+/- 0.10	+/- 10mV	-

Sample Collection

Sample Time: 13:00

Color:

Odor:

Sheen:

Turbidity:

Notes:

0.12 Sample Collection Notes

Lab Analysis	Method	Containers	Preservative	Hold Time	Field Filtered	Additional Comments
CVOC	EPA 8260B	3 - 40mL VOA vials	HCL	14 Days	<input type="checkbox"/>	
Ferrous Iron, (Fe ₂)	HACH 8146	P / 250 mL (G ok)	None	15 Min	<input type="checkbox"/>	
Methane, Ethane, Ethene (MEE)	EPA 8015	3 - 40mL VOA vials	HCL to pH <2	14 Days	<input type="checkbox"/>	
Nitrate + Nitrite, Nitrogen	EPA 353.2	P / 250 mL (G ok)	H ₂ SO ₄ to pH <2	28 Days	<input type="checkbox"/>	
Sulfate (SO ₄)	EPA 300.0/9056	P / 250 mL (G ok)	None	28 Days	<input type="checkbox"/>	
Total Organic Carbon as NPOC (TOC only)	EPA 9060, SM 5310C	AG / 125 mL NM	H ₂ SO ₄ pH <2	28 Days	<input type="checkbox"/>	

Quality Control

QA/QC Sample Collected:

QA/QC Collected:

QA/QC Sample ID:

QA/QC Sample Time:

Photographs

Collect at least 1 photo of well location with enough of the background visible to determine well location.

Photographs:

photo

Sign-Off

Signature:

Date: 11/02/2023

A handwritten signature in black ink, consisting of a single, fluid, cursive stroke that starts with a small loop and ends with a sharp hook.

Time: 11:32 AM ()

Project Information

Field Tech: Chase Kresl

Date: 11/02/2023

Project Number: 11003

Project: Laundry Basket

Equipment

Water Level Indicator: WL#1 (100')

Water Quality Meter: YSI #1

Pump Type: Peristaltic #1 - Geopump II

Tubing Material: HDPE

Tubing Diameter (inch): 0.17

Tubing Length (feet): 50.00

Flow Cell Volume (mL): 250

Tubing Volume (mL): 223

Well Information

Well ID: MW-7-50 (LT)

Well Depth (feet bTOC): 50.00

Well Diameter (inch): 2

Depth to LNAPL (feet bTOC): NP

Depth to Water (feet bTOC): 4.85

Water Column (feet): 45.15

Well Volume (L): 27.896

Well Condition

Well Condition: OK

Repairs Completed: None

Repairs Required: None

Low Flow Purge

Minimum Purge Volume (mL): 473

Maximum Purge Volume (L): 83.687

Volume Purged (gal):

Measurements begin after water level has stabilized in well

Time	Depth to Water (feet bTOC)	Purge Volume (mL)	Temp (F)	DO (mg/L)	Specific Cond (uS/cm)	pH	ORP (mV)	Visual Apperance
09:17 ()	4.85	500	50.1	6.06	772	6.35	169.2	clear
09:20 ()	4.85	500	49.7	5.78	823	6.65	162.3	clear
09:23 ()	4.85	500	50.3	5.67	842	6.77	157.4	clear
09:26 ()	4.85	500	50.5	5.61	840	6.85	156.2	clear
09:29 ()	4.86	500	50.6	5.64	842	6.86	156.2	clear
Stabilization Criteria	<0.30 feet	<3 Well Volumes	+/- 3%	+/- 10%*	+/- 3%	+/- 0.10	+/- 10mV	-

Sample Collection

Sample Time: 08:40

Color:

Odor:

Sheen:

Turbidity:

Notes:

0.41 Sample Collection Notes

Lab Analysis	Method	Containers	Preservative	Hold Time	Field Filtered	Additional Comments
CVOC	EPA 8260B	3 - 40mL VOA vials	HCL	14 Days	<input type="checkbox"/>	
Ferrous Iron, (Fe2)	HACH 8146	P / 250 mL (G ok)	None	15 Min	<input type="checkbox"/>	
Methane, Ethane, Ethene (MEE)	EPA 8015	3 - 40mL VOA vials	HCL to pH <2	14 Days	<input type="checkbox"/>	
Nitrate + Nitrite, Nitrogen	EPA 353.2	P / 250 mL (G ok)	H2SO4 to pH <2	28 Days	<input type="checkbox"/>	
Sulfate (SO4)	EPA 300.0/9056	P / 250 mL (G ok)	None	28 Days	<input type="checkbox"/>	
Total Organic Carbon as NPOC (TOC only)	EPA 9060, SM 5310C	AG / 125 mL NM	H2SO4 pH <2	28 Days	<input type="checkbox"/>	

Quality Control

QA/QC Sample Collected:

QA/QC Collected:

QA/QC Sample ID:

QA/QC Sample Time:

Photographs

Collect at least 1 photo of well location with enough of the background visible to determine well location.

Photographs:

photo

Sign-Off

Signature:

A handwritten signature consisting of a single continuous line that starts with a small loop, moves horizontally to the right, then drops vertically, and finally continues horizontally to the right.

Date: 11/02/2023

Time: 09:41 AM ()

Project Information

Field Tech: Chase Kresl

Date: 11/02/2023

Project Number: 11003

Project: Laundry Basket

Equipment

Water Level Indicator: WL#1 (100')

Water Quality Meter: YSI #1

Pump Type: Peristaltic #1 - Geopump II

Tubing Material: HDPE

Tubing Diameter (inch): 0.17

Tubing Length (feet): 15.00

Flow Cell Volume (mL): 250

Tubing Volume (mL): 67

Well Information

Well ID: MW-8

Well Depth (feet bTOC): 15.00

Well Diameter (inch): 2

Depth to LNAPL (feet bTOC): NP

Depth to Water (feet bTOC): 6.35

Water Column (feet): 8.65

Well Volume (L): 5.344

Well Condition

Well Condition: OK

Repairs Completed: None

Repairs Required: None

Low Flow Purge

Minimum Purge Volume (mL): 317

Maximum Purge Volume (L): 16.033

Volume Purged (gal):

Measurements begin after water level has stabilized in well

Time	Depth to Water (feet bTOC)	Purge Volume (mL)	Temp (F)	DO (mg/L)	Specific Cond (uS/cm)	pH	ORP (mV)	Visual Appearance
16:55 ()	6.35	500	54.5	4.29	925	6.66	146.0	clear
16:58 ()	6.37	500	55.5	3.96	923	6.56	151.3	clear
17:01 ()	6.37	500	54.9	3.91	901	6.57	154.7	clear
Stabilization Criteria	<0.30 feet	<3 Well Volumes	+/- 3%	+/- 10%*	+/- 3%	+/- 0.10	+/- 10mV	-

Sample Collection

Sample Time: 16:20

Color:

Odor:

Sheen:

Turbidity:

Notes:

Sample Collection Notes

Lab Analysis	Method	Containers	Preservative	Hold Time	Field Filtered	Additional Comments
CVOC	EPA 8260B	3 - 40mL VOA vials	HCL	14 Days	<input type="checkbox"/>	
Ferrous Iron, (Fe ₂)	HACH 8146	P / 250 mL (G ok)	None	15 Min	<input type="checkbox"/>	
Methane, Ethane, Ethene (MEE)	EPA 8015	3 - 40mL VOA vials	HCL to pH <2	14 Days	<input type="checkbox"/>	
Nitrate + Nitrite, Nitrogen	EPA 353.2	P / 250 mL (G ok)	H ₂ SO ₄ to pH <2	28 Days	<input type="checkbox"/>	
Sulfate (SO ₄)	EPA 300.0/9056	P / 250 mL (G ok)	None	28 Days	<input type="checkbox"/>	
Total Organic Carbon as NPOC (TOC only)	EPA 9060, SM 5310C	AG / 125 mL NM	H ₂ SO ₄ pH <2	28 Days	<input type="checkbox"/>	

Quality Control

QA/QC Sample Collected:

QA/QC Collected:

QA/QC Sample ID:

QA/QC Sample Time:

Photographs

Collect at least 1 photo of well location with enough of the background visible to determine well location.

Photographs:

photo

Sign-Off

Signature:

A handwritten signature in black ink, consisting of a single, fluid, cursive stroke that starts with a small loop on the left and ends with a short vertical line on the right.

Date: 11/02/2023

Time: 11:33 AM ()

Project Information

Field Tech: Chase Kresl

Date: 11/02/2023

Project Number: 11003

Project: Laundry Basket

Equipment

Water Level Indicator: WL#1 (100')

Water Quality Meter: YSI #1

Pump Type: Peristaltic #1 - Geopump II

Tubing Material: HDPE

Tubing Diameter (inch): 0.17

Tubing Length (feet): 50.00

Flow Cell Volume (mL): 250

Tubing Volume (mL): 223

Well Information

Well ID: MW-6-50 (LT)

Well Depth (feet bTOC): 50.00

Well Diameter (inch): 2

Depth to LNAPL (feet bTOC): NP

Depth to Water (feet bTOC): 3.97

Water Column (feet): 46.03

Well Volume (L): 28.439

Well Condition

Well Condition: OK

Repairs Completed: None

Repairs Required: None

Low Flow Purge

Minimum Purge Volume (mL): 473

Maximum Purge Volume (L): 85.318

Volume Purged (gal):

Measurements begin after water level has stabilized in well

Time	Depth to Water (feet bTOC)	Purge Volume (mL)	Temp (F)	DO (mg/L)	Specific Cond (uS/cm)	pH	ORP (mV)	Visual Apperance
09:50 ()	3.97	500	48.5	1.22	522.2	7.09	0.3	clear
09:53 ()	3.98	500	48.0	0.76	461.6	7.10	-9.4	clear
09:56 ()	3.88	500	47.3	0.69	439.8	7.01	-10.9	clear
09:59 ()	3.88	500	47.0	0.69	431.3	7.00	-10.6	clear
Stabilization Criteria	<0.30 feet	<3 Well Volumes	+/- 3%	+/- 10%*	+/- 3%	+/- 0.10	+/- 10mV	-

Sample Collection

Sample Time: 09:10

Color:

Odor:

Sheen:

Turbidity:

Notes:

0.21 Sample Collection Notes

Lab Analysis	Method	Containers	Preservative	Hold Time	Field Filtered	Additional Comments
CVOC	EPA 8260B	3 - 40mL VOA vials	HCL	14 Days	<input type="checkbox"/>	
Ferrous Iron, (Fe ₂)	HACH 8146	P / 250 mL (G ok)	None	15 Min	<input type="checkbox"/>	
Methane, Ethane, Ethene (MEE)	EPA 8015	3 - 40mL VOA vials	HCL to pH <2	14 Days	<input type="checkbox"/>	
Nitrate + Nitrite, Nitrogen	EPA 353.2	P / 250 mL (G ok)	H ₂ SO ₄ to pH <2	28 Days	<input type="checkbox"/>	
Sulfate (SO ₄)	EPA 300.0/9056	P / 250 mL (G ok)	None	28 Days	<input type="checkbox"/>	
Total Organic Carbon as NPOC (TOC only)	EPA 9060, SM 5310C	AG / 125 mL NM	H ₂ SO ₄ pH <2	28 Days	<input type="checkbox"/>	

Quality Control

QA/QC Sample Collected:

QA/QC Collected:

QA/QC Sample ID:

QA/QC Sample Time:

Photographs

Collect at least 1 photo of well location with enough of the background visible to determine well location.

Photographs:

photo

Sign-Off

Signature:

Date: 11/02/2023

A handwritten signature in black ink, appearing to be the initials 'CL'.

Time: 10:09 AM ()

Project Information

Field Tech: Chase Kresl

Date: 11/02/2023

Project Number: 11003

Project: Laundry Basket

Equipment

Water Level Indicator: WL#1 (100')

Water Quality Meter: YSI #1

Pump Type: Peristaltic #1 - Geopump II

Tubing Material: HDPE

Tubing Diameter (inch): 0.17

Tubing Length (feet): 30.00

Flow Cell Volume (mL): 250

Tubing Volume (mL): 134

Well Information

Well ID: PZ-6

Well Depth (feet bTOC): 15.00

Well Diameter (inch): 2

Depth to LNAPL (feet bTOC): NP

Depth to Water (feet bTOC): 6.01

Water Column (feet): 8.99

Well Volume (L): 5.554

Well Condition

Well Condition: OK

Repairs Completed: None

Repairs Required: None

Low Flow Purge

Minimum Purge Volume (mL): 384

Maximum Purge Volume (L): 16.663

Volume Purged (gal):

Measurements begin after water level has stabilized in well

Time	Depth to Water (feet bTOC)	Purge Volume (mL)	Temp (F)	DO (mg/L)	Specific Cond (uS/cm)	pH	ORP (mV)	Visual Appearance
17:17 ()	6.05	500	53.8	7.00	777	6.23	161.7	clear
17:20 ()	6.05	500	56.2	7.68	821	6.71	144.6	clear
17:23 ()	6.05	500	55.8	7.89	828	6.94	139.6	clear
17:26 ()	6.05	500	56.3	6.70	829	7.07	138.4	clear
17:31 ()	6.05	500	55.9	6.66	828	7.17	139.0	clear
17:34 ()	6.05	500	55.9	6.72	830	7.18	139.3	clear
Stabilization Criteria	<0.30 feet	<3 Well Volumes	+/- 3%	+/- 10%*	+/- 3%	+/- 0.10	+/- 10mV	-

Sample Collection

Sample Time: 16:40

Color:

Odor:

Sheen:

Turbidity:

Notes:

Sample Collection Notes0.41

Lab Analysis	Method	Containers	Preservative	Hold Time	Field Filtered	Additional Comments
CVOC	EPA 8260B	3 - 40mL VOA vials	HCL	14 Days	<input type="checkbox"/>	
Ferrous Iron, (Fe ₂)	HACH 8146	P / 250 mL (G ok)	None	15 Min	<input type="checkbox"/>	
Methane, Ethane, Ethene (MEE)	EPA 8015	3 - 40mL VOA vials	HCL to pH <2	14 Days	<input type="checkbox"/>	
Nitrate + Nitrite, Nitrogen	EPA 353.2	P / 250 mL (G ok)	H ₂ SO ₄ to pH <2	28 Days	<input type="checkbox"/>	
Sulfate (SO ₄)	EPA 300.0/9056	P / 250 mL (G ok)	None	28 Days	<input type="checkbox"/>	
Total Organic Carbon as NPOC (TOC only)	EPA 9060, SM 5310C	AG / 125 mL NM	H ₂ SO ₄ pH <2	28 Days	<input type="checkbox"/>	

Quality Control

QA/QC Sample Collected:

QA/QC Collected:

QA/QC Sample ID:

QA/QC Sample Time:

Photographs

Collect at least 1 photo of well location with enough of the background visible to determine well location.

Photographs:

photo

Sign-Off

Signature:

Date: 11/02/2023

A handwritten signature consisting of a stylized cursive 'C' followed by a vertical line.

Time: 05:38 PM ()

Project Information

Field Tech: Chase Kresl

Date: 11/02/2023

Project Number: 11003

Project: Laundry Basket

Equipment

Water Level Indicator: WL#1 (100')

Water Quality Meter: YSI #1

Pump Type: Peristaltic #1 - Geopump II

Tubing Material: HDPE

Tubing Diameter (inch): 0.17

Tubing Length (feet): 20.00

Flow Cell Volume (mL): 250

Tubing Volume (mL): 89

Well Information

Well ID: MW-14

Well Depth (feet bTOC): 15.00

Well Diameter (inch): 2

Depth to LNAPL (feet bTOC): NP

Depth to Water (feet bTOC): 4.65

Water Column (feet): 10.35

Well Volume (L): 6.395

Well Condition

Well Condition: OK

Repairs Completed: None

Repairs Required: None

Low Flow Purge

Minimum Purge Volume (mL): 339

Maximum Purge Volume (L): 19.184

Volume Purged (gal):

Measurements begin after water level has stabilized in well

Time	Depth to Water (feet bTOC)	Purge Volume (mL)	Temp (F)	DO (mg/L)	Specific Cond (uS/cm)	pH	ORP (mV)	Visual Apperance
14:09 ()	4.65	500	53.2	10.81	262.8	6.32	157.8	clear
14:12 ()	4.66	500	53.5	10.81	284.6	6.48	152.1	clear
14:15 ()	4.66	500	53.6	10.47	318.4	6.51	150.2	clear
14:18 ()	4.66	500	53.3	10.43	317.9	6.53	150.0	clear
Stabilization Criteria	<0.30 feet	<3 Well Volumes	+/- 3%	+/- 10%*	+/- 3%	+/- 0.10	+/- 10mV	-

Sample Collection

Sample Time:

Color:

Odor:

Sheen:

Turbidity:

Notes:

Sample Collection Notes0.15

Lab Analysis	Method	Containers	Preservative	Hold Time	Field Filtered	Additional Comments
CVOC	EPA 8260B	3 - 40mL VOA vials	HCL	14 Days	<input type="checkbox"/>	
Ferrous Iron, (Fe ₂)	HACH 8146	P / 250 mL (G ok)	None	15 Min	<input type="checkbox"/>	
Methane, Ethane, Ethene (MEE)	EPA 8015	3 - 40mL VOA vials	HCL to pH <2	14 Days	<input type="checkbox"/>	
Nitrate + Nitrite, Nitrogen	EPA 353.2	P / 250 mL (G ok)	H ₂ SO ₄ to pH <2	28 Days	<input type="checkbox"/>	
Sulfate (SO ₄)	EPA 300.0/9056	P / 250 mL (G ok)	None	28 Days	<input type="checkbox"/>	
Total Organic Carbon as NPOC (TOC only)	EPA 9060, SM 5310C	AG / 125 mL NM	H ₂ SO ₄ pH <2	28 Days	<input type="checkbox"/>	

Quality Control

QA/QC Sample Collected:

QA/QC Collected:

QA/QC Sample ID:

QA/QC Sample Time:

Photographs

Collect at least 1 photo of well location with enough of the background visible to determine well location.

Photographs:

photo

Sign-Off

Signature:

Date: 11/02/2023

A handwritten signature in black ink, consisting of a stylized, cursive letter 'L' followed by a horizontal line and a small flourish at the end.

Time: 02:30 PM ()

Project Information

Field Tech: Chase Kresl

Date: 11/02/2023

Project Number: 11003

Project: Laundry Basket

Equipment

Water Level Indicator: WL#1 (100')

Water Quality Meter: YSI #1

Pump Type: Peristaltic #1 - Geopump II

Tubing Material: HDPE

Tubing Diameter (inch): 0.17

Tubing Length (feet): 30.00

Flow Cell Volume (mL): 250

Tubing Volume (mL): 134

Well Information

Well ID: MW-15D

Well Depth (feet bTOC): 15.00

Well Diameter (inch): 2

Depth to LNAPL (feet bTOC): NP

Depth to Water (feet bTOC): 4.25

Water Column (feet): 10.75

Well Volume (L): 6.642

Well Condition

Well Condition: OK

Repairs Completed: bolts cap

Repairs Required: None

Low Flow Purge

Minimum Purge Volume (mL): 384

Maximum Purge Volume (L): 19.926

Volume Purged (gal):

Measurements begin after water level has stabilized in well

Time	Depth to Water (feet bTOC)	Purge Volume (mL)	Temp (F)	DO (mg/L)	Specific Cond (uS/cm)	pH	ORP (mV)	Visual Appearance
11:30 ()	4.26	500	55.2	0.89	109.1	6.07	50.6	clear
11:33 ()	4.26	500	54.7	0.48	105.6	6.29	16.0	clear
11:36 ()	4.26	500	54.5	0.35	105.6	6.32	6.0	clear
11:40 ()	4.26	500	54.0	0.34	105.9	6.33	6.2	clear
Stabilization Criteria	<0.30 feet	<3 Well Volumes	+/- 3%	+/- 10%*	+/- 3%	+/- 0.10	+/- 10mV	-

Sample Collection

Sample Time: 10:50

Color:

Odor:

Sheen:

Turbidity:

Notes:

0.05 Sample Collection Notes

Lab Analysis	Method	Containers	Preservative	Hold Time	Field Filtered	Additional Comments
CVOC	EPA 8260B	3 - 40mL VOA vials	HCL	14 Days	<input type="checkbox"/>	
Ferrous Iron, (Fe ₂)	HACH 8146	P / 250 mL (G ok)	None	15 Min	<input type="checkbox"/>	
Methane, Ethane, Ethene (MEE)	EPA 8015	3 - 40mL VOA vials	HCL to pH <2	14 Days	<input type="checkbox"/>	
Nitrate + Nitrite, Nitrogen	EPA 353.2	P / 250 mL (G ok)	H ₂ SO ₄ to pH <2	28 Days	<input type="checkbox"/>	
Sulfate (SO ₄)	EPA 300.0/9056	P / 250 mL (G ok)	None	28 Days	<input type="checkbox"/>	
Total Organic Carbon as NPOC (TOC only)	EPA 9060, SM 5310C	AG / 125 mL NM	H ₂ SO ₄ pH <2	28 Days	<input type="checkbox"/>	

Quality Control

QA/QC Sample Collected:

QA/QC Collected:

QA/QC Sample ID:

QA/QC Sample Time:

Photographs

Collect at least 1 photo of well location with enough of the background visible to determine well location.

Photographs:

photo

Sign-Off

Signature:

Date: 11/02/2023



Time: 11:29 AM ()

Project Information

Field Tech: Chase Kresl

Date: 11/01/2023

Project Number: 11003

Project: Laundry Basket

Equipment

Water Level Indicator: WL#1 (100')

Water Quality Meter: YSI #1

Pump Type: Peristaltic #1 - Geopump II

Tubing Material: HDPE

Tubing Diameter (inch): 0.17

Tubing Length (feet): 15.00

Flow Cell Volume (mL): 250

Tubing Volume (mL): 67

Well Information

Well ID: MW-17

Well Depth (feet bTOC): 14.00

Well Diameter (inch): 2

Depth to LNAPL (feet bTOC): NP

Depth to Water (feet bTOC): 1.45

Water Column (feet): 12.55

Well Volume (L): 7.754

Well Condition

Well Condition: OK

Repairs Completed: None

Repairs Required: None

Low Flow Purge

Minimum Purge Volume (mL): 317

Maximum Purge Volume (L): 23.262

Volume Purged (gal):

Measurements begin after water level has stabilized in well

Time	Depth to Water (feet bTOC)	Purge Volume (mL)	Temp (F)	DO (mg/L)	Specific Cond (uS/cm)	pH	ORP (mV)	Visual Appearance
16:09 ()	1.45	500	54.0	1.04	524.8	7.67	113.0	clear
16:12 ()	1.45	500	52.3	0.65	605.4	7.54	108.0	clear
16:15 ()	1.46	500	52.0	1.03	607.1	7.38	111.3	clear
16:18 ()	1.46	500	51.8	0.79	607.1	7.00	116.4	clear
16:21 ()	1.45	500	50.7	0.69	607.1	6.98	119.4	clear
16:24 ()	1.45	500	51.2	0.95	608.8	6.91	122.4	clear
Stabilization Criteria	<0.30 feet	<3 Well Volumes	+/- 3%	+/- 10%*	+/- 3%	+/- 0.10	+/- 10mV	-

Sample Collection

Sample Time: 15:30

Color:

Odor:

Sheen:

Turbidity:

Notes:

0.30 salinity

Lab Analysis	Method	Containers	Preservative	Hold Time	Field Filtered	Additional Comments
CVOC	EPA 8260B	3 - 40mL VOA vials	HCL	14 Days	<input type="checkbox"/>	
Ferrous Iron, (Fe ₂)	HACH 8146	P / 250 mL (G ok)	None	15 Min	<input type="checkbox"/>	
Methane, Ethane, Ethene (MEE)	EPA 8015	3 - 40mL VOA vials	HCL to pH <2	14 Days	<input type="checkbox"/>	
Nitrate + Nitrite, Nitrogen	EPA 353.2	P / 250 mL (G ok)	H ₂ SO ₄ to pH <2	28 Days	<input type="checkbox"/>	
Sulfate (SO ₄)	EPA 300.0/9056	P / 250 mL (G ok)	None	28 Days	<input type="checkbox"/>	
Total Organic Carbon as NPOC (TOC only)	EPA 9060, SM 5310C	AG / 125 mL NM	H ₂ SO ₄ pH <2	28 Days	<input type="checkbox"/>	

Quality Control

QA/QC Sample Collected:

QA/QC Collected:

QA/QC Sample ID:

QA/QC Sample Time:

Photographs

Collect at least 1 photo of well location with enough of the background visible to determine well location.

Photographs:

photo

Sign-Off

Signature:

Date: 11/01/2023



Time: 04:21 PM ()

Project Information

Field Tech: Chase Kresl

Date: 11/01/2023

Project Number: 11003

Project: Laundry Basket

Equipment

Water Level Indicator: WL#1 (100')

Water Quality Meter: YSI #2

Pump Type: Peristaltic #1 - Geopump II

Tubing Material: HDPE

Tubing Diameter (inch): 0.17

Tubing Length (feet): 10.00

Flow Cell Volume (mL): 250

Tubing Volume (mL): 45

Well Information

Well ID: MW-2

Well Depth (feet bTOC): 15.00

Well Diameter (inch): 2

Depth to LNAPL (feet bTOC): NP

Depth to Water (feet bTOC): 6.42

Water Column (feet): 8.58

Well Volume (L): 5.301

Well Condition

Well Condition: OK

Repairs Completed: None

Repairs Required: None

Low Flow Purge

Minimum Purge Volume (mL): 295

Maximum Purge Volume (L): 15.903

Volume Purged (gal):

Measurements begin after water level has stabilized in well

Time	Depth to Water (feet bTOC)	Purge Volume (mL)	Temp (F)	DO (mg/L)	Specific Cond (uS/cm)	pH	ORP (mV)	Visual Apperance
08:27 (CDT)	6.42	500	49.2	8.31	277.7	6.76	227.8	clear
08:30 (CDT)	6.42	500	47.9	8.12	277.2	6.63	225.8	clear
08:33 (CDT)	6.43	500	49.0	7.92	283.2	6.50	225.5	clear
08:36 (CDT)	6.44	500	48.3	2.26	287.9	6.37	226.4	clear
08:39 (CDT)	6.45	500	48.5	2.17	286.4	6.31	226.6	clear
08:42 (CDT)	6.45	500	47.4	2.21	286.4	6.27	226.8	clear
Stabilization Criteria	<0.30 feet	<3 Well Volumes	+/- 3%	+/- 10%*	+/- 3%	+/- 0.10	+/- 10mV	-

Sample Collection

Sample Time: 08:30

Color:

Odor:

Sheen:

Turbidity:

Notes:

0.14 salinity

Lab Analysis	Method	Containers	Preservative	Hold Time	Field Filtered	Additional Comments
CVOC	EPA 8260B	3 - 40mL VOA vials	HCL	14 Days	<input type="checkbox"/>	
Methane, Ethane, Ethene (MEE)	EPA 8015	3 - 40mL VOA vials	HCL to pH <2	14 Days	<input type="checkbox"/>	
Nitrate + Nitrite, Nitrogen	EPA 353.2	P / 250 mL (G ok)	H2SO4 to pH <2	28 Days	<input type="checkbox"/>	
Sulfate (SO4)	EPA 300.0/9056	P / 250 mL (G ok)	None	28 Days	<input type="checkbox"/>	
Ferrous Iron, (Fe2)	HACH 8146	P / 250 mL (G ok)	None	15 Min	<input type="checkbox"/>	
Total Organic Carbon as NPOC (TOC only)	EPA 9060, SM 5310C	AG / 125 mL NM	H2SO4 pH <2	28 Days	<input type="checkbox"/>	

Quality Control

QA/QC Sample Collected:

QA/QC Collected:

QA/QC Sample ID:

QA/QC Sample Time:

Photographs

Collect at least 1 photo of well location with enough of the background visible to determine well location.

Photographs:



Sign-Off

Signature:

A handwritten signature consisting of a single, stylized, continuous line.

Date: 11/01/2023

Time: 08:41 AM (CDT)