



## TECHNICAL MEMORANDUM

To: Bill Bryan and Bruce Malkerson, Merriam Junction Sands, LLC  
From: Kirsten Pauly, PE, PG, Sunde Engineering, PLLC  
Subject: Review of recent Louisville Landfill groundwater monitoring results  
Date: November 4, 2019  
Project: Merriam Junction Sands

### **Purpose:**

The most recently available groundwater monitoring data from 5/2019 for the Louisville Landfill was obtained from the Minnesota Pollution Control Agency. Scott County requested a review of these results to verify:

1. that the following general conclusion regarding water quality associated with the Louisville Landfill made in the DEIS was still valid:

“since installation of the enhanced final cover and gas extraction system, concentrations of most contaminants in the groundwater have declined. Downgradient wells continue to detect low levels of VOCs”

And

2. that the analytical results are similar to the results used by Barr Engineering’s February 9, 2017 Louisville Landfill Capture Evaluation for Mining Scenarios included as Appendix C of Barr’s July 19, 2019 Predictive Simulations Report – Attachment 1 of the DEIS, thus determining that the conclusions of the evaluation are still valid. The February 9, 2017 analysis utilized results from 2010-2015 and since some time had elapsed, a review of the most recent results was warranted.

### **Review of Data:**

Five down gradient monitoring wells were sampled in both the 3/2007 sampling event and the 5/2019 sampling event (MW-9, MW-111, MW-114, MW-116, and MW-211). VOCs that were analyzed in both sampling events were graphed for each well (attached below). No VOCs were detected in MW-111 in either the 2007 or 2019 sampling events, so that well was not graphed.

Several VOCs that were detected in 2007 were not detected in 2019. Where a VOC was reported below the detection limit, the detection limit was graphed. The VOCs that were not detected in 2019 are underlined on the graphs. Tables with the concentrations listed for the two sampling events are also attached. The graphs and tables illustrate that in general the number and concentrations of VOCs detected in the downgradient monitoring wells have decreased since the installation of the enhanced landfill cover system and landfill gas extraction system. MW-114 does not follow the general trend as closely as the other wells. Two VOCs were reported above the detection limit in 2019 at concentrations that fell below the 2007 detection limit, so it is not possible to determine if the 2019 result indicates an increase or decrease in concentrations. However, all of the MW-114 VOC concentrations are relatively low.

The May 2019 monitoring results are consistent with the 2010-2015 monitoring data that was used in the Louisville Landfill Capture Evaluation. Table 1, Monitoring Results Summary compares the results of VOCs evaluated in the Louisville Landfill Capture analysis to the May 2019 results.

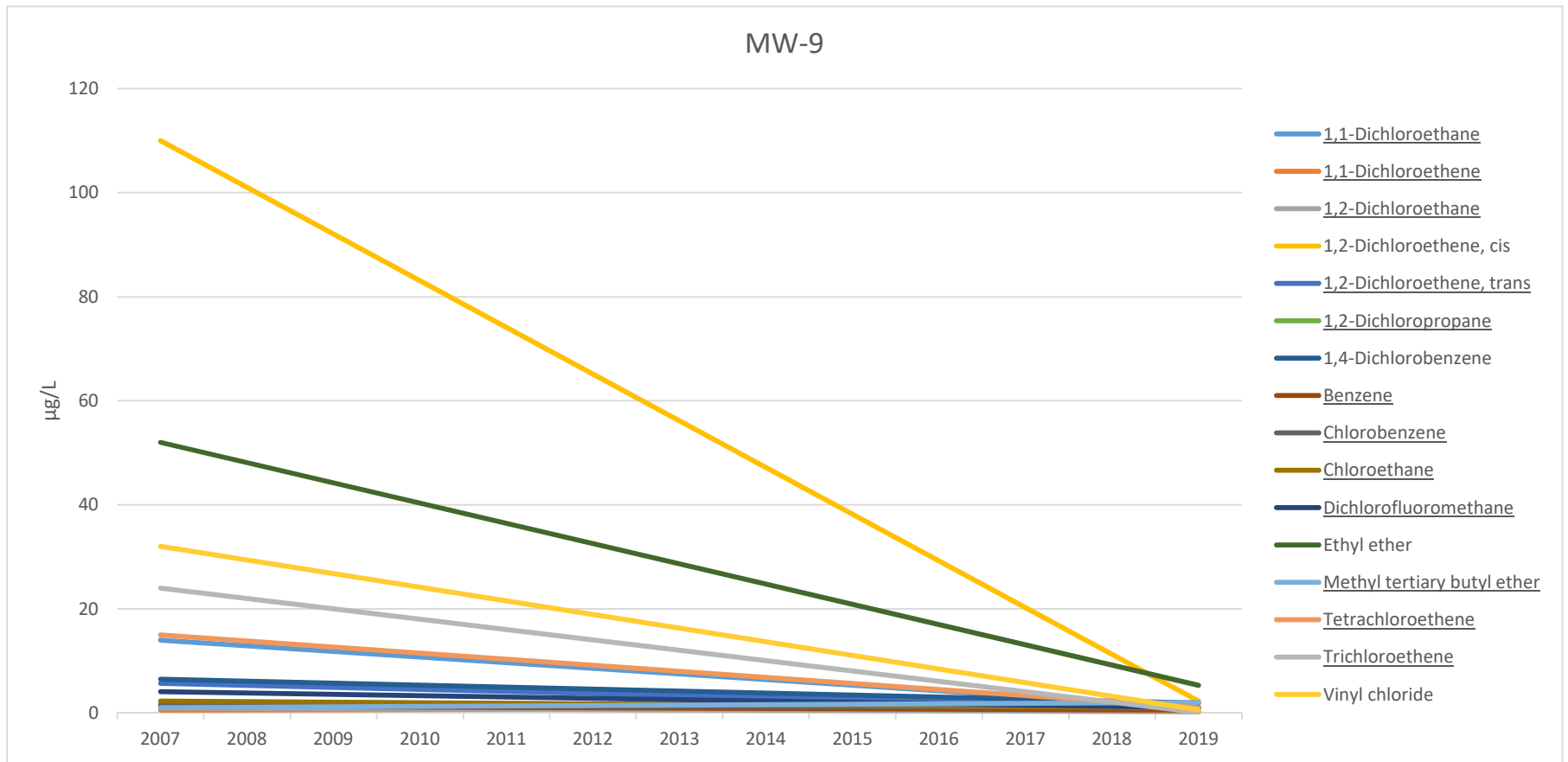
The Louisville Landfill Capture Evaluation included an analysis of vinyl chloride because it was found in concentrations that exceed regulatory standards in the most recent monitoring results available at that time (2010-2015). Two wells, MW-9 and DC-117 had verified concentrations of vinyl chloride above the detection limit (2.3 ug/l and 0.42 ug/l respectively) and the analysis assumed an average concentration of 1.36 ug/l. In the May 2019 sampling event, vinyl chloride was detected in MW-9 and DC-117 at similar concentrations to the 2010-2015 levels (0.56 ug/l and 0.56 ug/l respectively). Vinyl chloride was also detected in MW-113 (0.07ug/l) (unverified, first time reported above detection limit) and in MW-114 (0.41 ug/l) during the May 2019 sampling event. The detection limit for vinyl chloride was 0.5 ug/l in the 2010-2015 sampling event. In the 2019 sampling event, the detection limits was lowered to 0.05 ug/l. The detection of vinyl chloride in MW-113 and MW-114 at the 2019 levels is consistent with the 2010-2015 results (<0.5ug/l). The average concentration of vinyl chloride in the groundwater used for the Louisville Landfill Capture analysis was 1.36 ug/l and the average concentration of vinyl chloride based on the 2019 monitoring results is 0.39 ug/l.

**Conclusions:**

Comparison of the 2007 Louisville Landfill monitoring data with the most recently available data indicates that there has been a general decrease in the number and concentration of contaminants downgradient of the Louisville Landfill since the installation of the enhanced liner and landfill gas extraction system. Downgradient wells continue to detect low levels of VOCs. The 2019 results are similar to the 2010-2015 data that was used in the Louisville Landfill Capture Evaluation and the conclusions of the evaluation remain the same. The Project will result in dilution of existing concentrations relative to existing conditions and potential future conditions. There is no significant negative impact associated with proposed dewatering or the end use lake condition.

The MPCA is responsible for the management of the Louisville Landfill including groundwater monitoring and management. The MPCA continues to investigate emerging contaminants of concern at closed landfills such as polyfluoroalkyl substances (PFAS). The Project will result in dilution of existing concentrations of all contaminants relative to existing conditions and potential future conditions. If the end use lakes are considered as a drinking water source during or after mining activities future testing and further evaluation would be required. Similarly, if a future drinking water supply well is proposed downgradient of the Louisville Landfill, future testing and further evaluation would be required for all Project Alternatives including the No Build Alternative.

Graphs



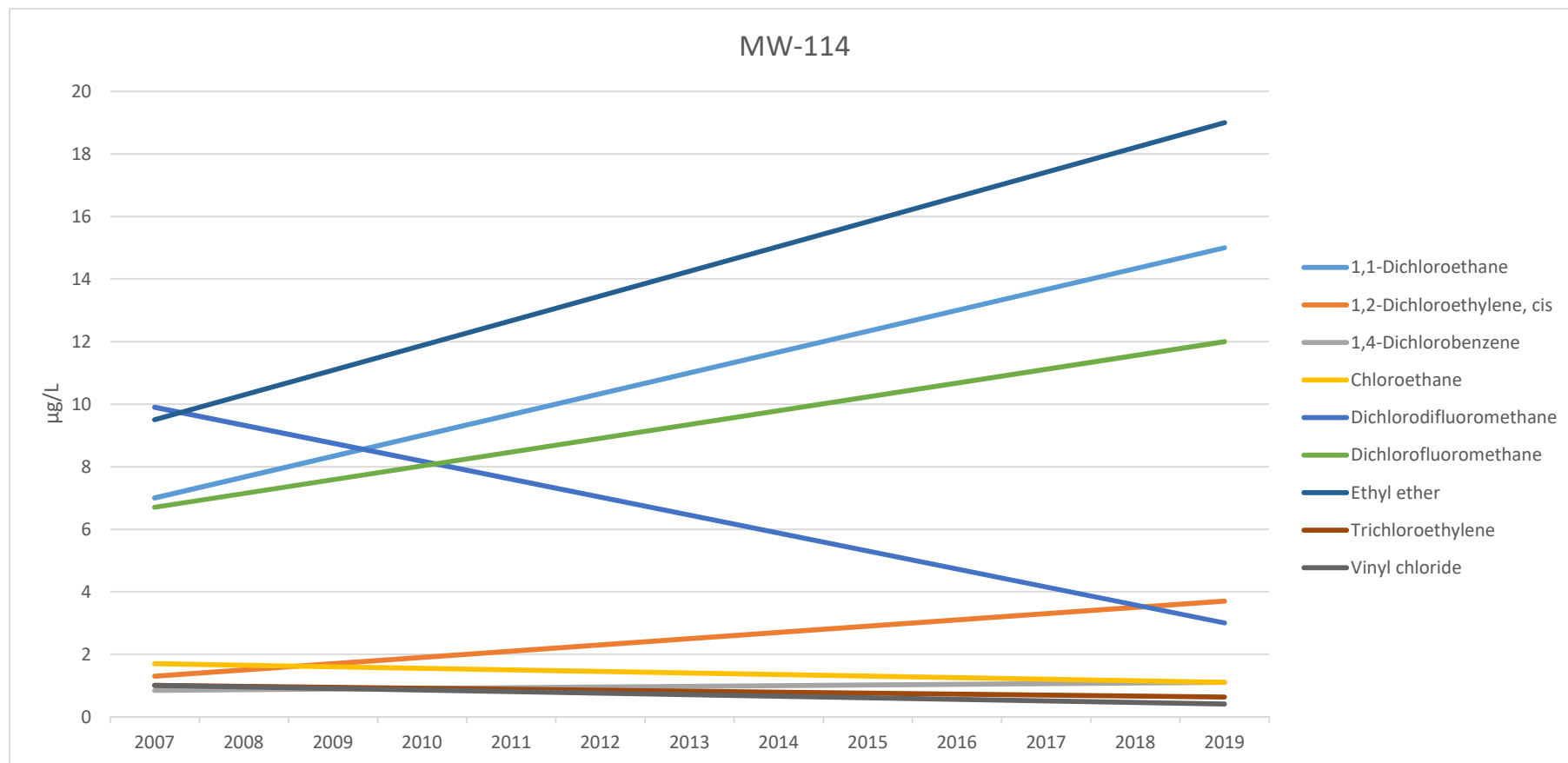
**Note:**

3/2007 and 5/2019 monitoring results (VOCs)

Underlined contaminants were not detected in 5/2019 sample; 2019 graphical value = detection limit

## Graphed values MW-9

<b>MW-9</b>	Mar-07	May-19
1,1-Dichloroethane	14	<1
1,1-Dichloroethene	0.55	<1
1,2-Dichloroethane	0.96	<.2
1,2-Dichloroethene, cis	110	2.3
1,2-Dichloroethene, trans	5.7	<1
1,2-Dichloropropane	2.2	<1
1,4-Dichlorobenzene	6.5	1.9
Benzene	1.3	<0.5
Chlorobenzene	1.6	<1
Chloroethane	2.3	<1
Dichlorofluoromethane	4.1	<1
Ethyl ether	52	5.3
Methyl tertiary butyl ether	0.98	<2
Tetrachloroethene	15	<1
Trichloroethene	24	<0.1
Vinyl chloride	32	0.56



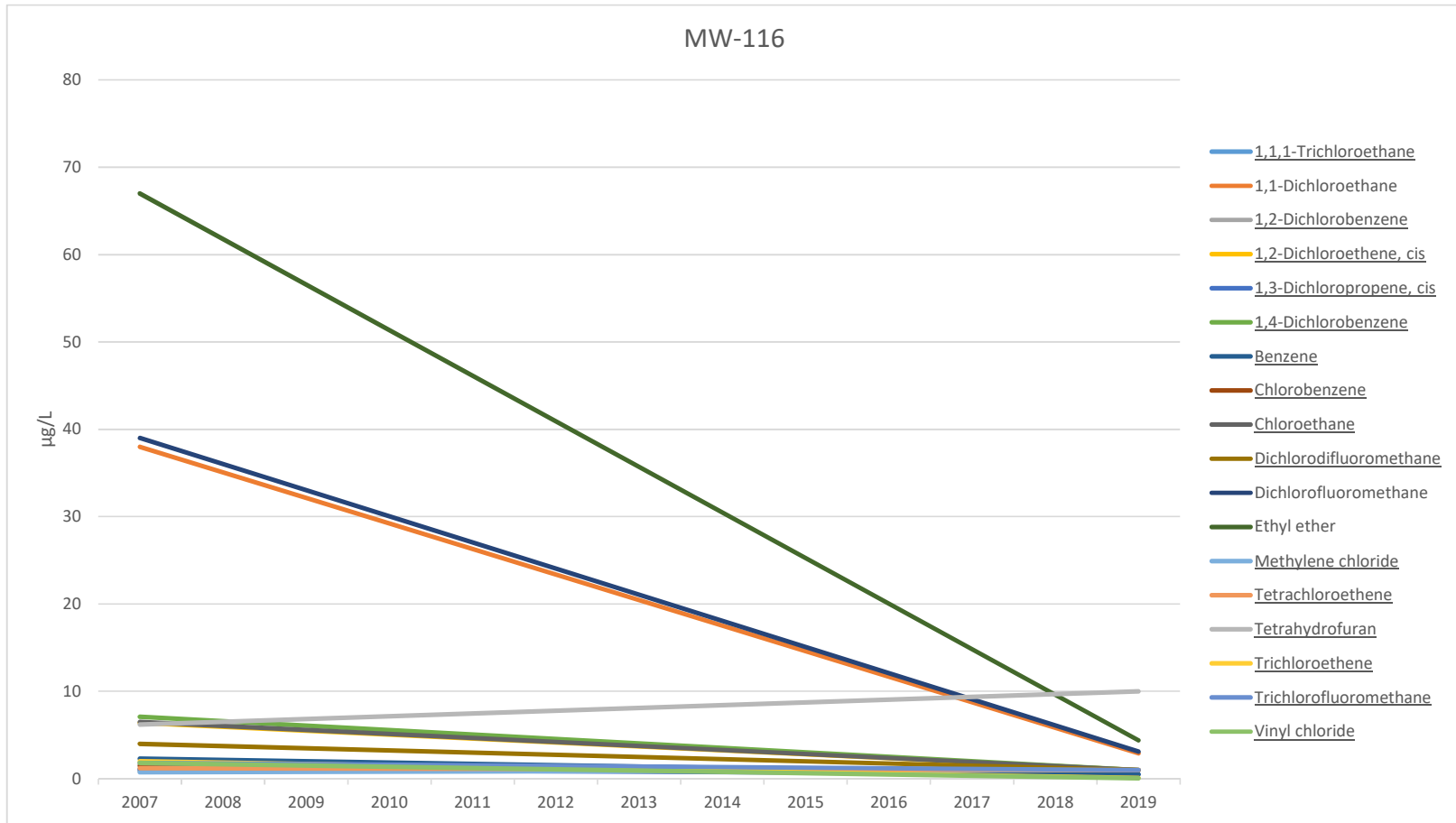
**Note:**

3/2007 and 5/2019 monitoring results (VOCs)

Underlined contaminants were not detected in 5/2019 sample; 2019 graphical value = detection limit

## Graphed Values MW-114

<b>MW-114</b>	Mar-07	May-19
1,1-Dichloroethane	7	15
1,2-Dichloroethylene, cis	1.3	3.7
1,4-Dichlorobenzene	0.84	1.1
Chloroethane	1.7	1.1
Dichlorodifluoromethane	9.9	3
Dichlorofluoromethane	6.7	12
Ethyl ether	9.5	19
Trichloroethylene	<1	0.63
Vinyl chloride	<1	0.41



**Note:**

3/2007 and 5/2019 monitoring results (VOCs)

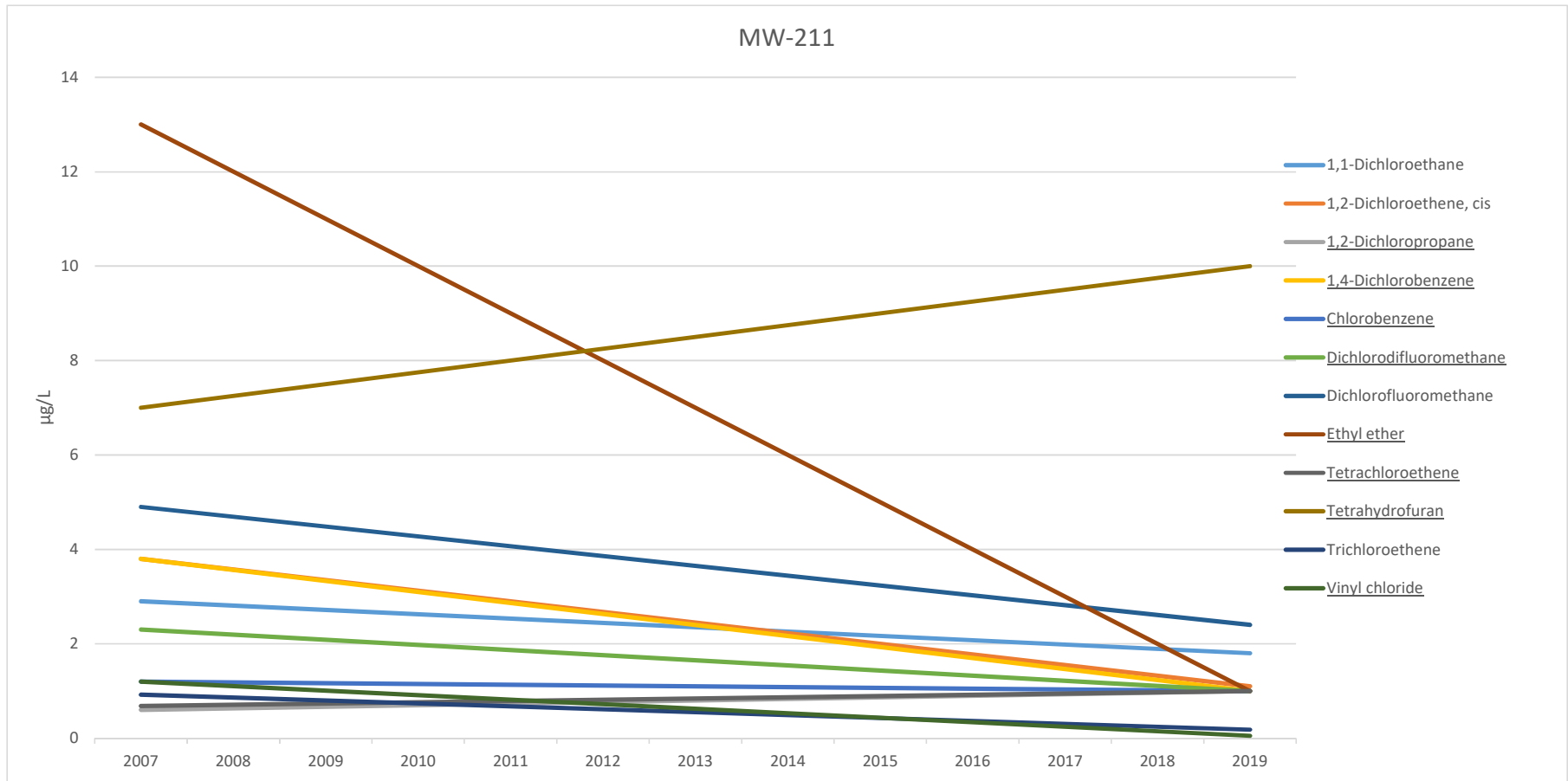
Underlined contaminants were not detected in 5/2019 sample; 2019 graphical value = detection limit

Detection Limit for Tetrahydrofuran increased in 2019 to 10µg/L, so even though trend appears to increase in 2019, tetrahydrofuran was not detected in the 5/2019 sampling event



## Graphed Values MW-116

<b>MW-116</b>	Mar-07	May-19
1,1,1-Trichloroethane	1	<1
1,1-Dichloroethane	38	2.9
1,2-Dichlorobenzene	0.89	<1
1,2-Dichloroethene, cis	6.4	<1
1,3-Dichloropropene, cis	1.1	<.5
1,4-Dichlorobenzene	7.1	<1
Benzene	2.3	<.5
Chlorobenzene	1.5	<1
Chloroethane	6.5	<1
Dichlorodifluoromethane	4	<1
Dichlorofluoromethane	39	3.1
Ethyl ether	67	4.4
Methylene chloride	0.74	<1
Tetrachloroethene	1.2	<1
Tetrahydrofuran	6.2	<10
Trichloroethene	2	<0.1
Trichlorofluoromethane	1.8	<1
Vinyl chloride	1.8	<0.05



**Note:**

3/2007 and 5/2019 monitoring results (VOCs)

Underlined contaminants were not detected in 5/2019 sample; 2019 graphical value = detection limit

Detection Limit for Tetrahydrofuran increased in 2019 to 10µg/L, so even though trend appears to increase in 2019,

tetrahydrofuran was not detected in the 5/2019 sampling event

## Graphed Values MW-211

<b>MW-211</b>	Sep-07	May-19
1,1-Dichloroethane	2.9	1.8
1,2-Dichloroethene, cis	3.8	1.1
1,2-Dichloropropane	0.6	<1
1,4-Dichlorobenzene	3.8	<1
Chlorobenzene	1.2	<1
Dichlorodifluoromethane	2.3	<1
Dichlorofluoromethane	4.9	2.4
Ethyl ether	13	<1
Tetrachloroethene	0.68	<1
Tetrahydrofuran	7	<10
Trichloroethene	0.92	0.18
Vinyl chloride	1.2	<.05

Table 1

Table 1 Monitoring Results Summary

Parameter	DC-117		DC-118		DC-119		MW-9		MW-111		MW-113		MW-114		MW-116		MW-211		MW-213	
	2010-2015	2019	2010-2015	2019	2010-2015	2019	2010-2015	2019	2010-2015	2019	2010-2015	2019	2010-2015	2019	2010-2015	2019	2010-2015	2019	2010-2015	2019
1,1,1-Trichloroethane	<1	<1	<0.5	<1	<0.5	<1	<0.5	<1	<0.5	<1	<0.5	<1	<0.5	<1	<0.5	<1	<0.5	<1	<0.5	<1
1,1-Dichloroethane	1.7	1.6	<0.5	<1	<0.5	<1	4.1	<1	<0.5	<1	0.64	<1	11	15	4.5	2.9	3.1	1.8	<0.5	<1
1,1-Dichloroethene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	3.4	<1	0.18	<1	<1	<1
1,2,3-Trichloropropane	<1	<0.2	<0.5	<0.2	<0.5	<0.2	<0.5	<0.2	<0.5	<0.2	<0.5	<0.2	1.4	<0.2	<0.5	<0.2	<0.5	<0.2	<0.5	<0.2
1,2,4-Trimethylbenzene	<1	<1	<0.5	<1	<0.5	<1	<0.5	<1	<0.5	<1	<0.5	<1	<0.5	<1	<0.5	<1	<0.5	<1	<0.5	<1
1,2-Dichlorobenzene	<1	<1	<0.5	<1	<0.5	<1	<0.5	<1	<0.5	<1	<0.5	<1	<0.5	<1	<0.5	<1	<0.5	<1	<0.5	<1
1,2-Dichloroethane	<1	<0.2	<0.5	<0.2	<0.5	<0.2	<0.5	<0.2	<0.5	<0.2	<0.5	<0.2	<0.5	<0.2	<0.5	<0.2	<0.5	<0.2	<0.5	<0.2
1,2-Dichloroethene, cis (DCE)	3.3	3	<0.5	<1	<0.5	<1	10	2.3	<0.5	<1	0.76	<1	<0.5	3.7	0.34	<1	2.4	1.1	<0.5	<1
1,2-Dichloroethene, trans	<0.95	<1	<0.5	<1	<0.5	<1	0.56	<1	<0.5	<1	<0.5	<1	1.6	<1	<0.5	<1	<0.5	<1	<0.5	<1
1,2-Dichloropropane	0.76	<1	<0.5	<1	<0.5	<1	0.41	<1	<0.5	<1	<0.5	<1	7.9	<1	<0.5	<1	<0.5	<1	<0.5	<1
1,3-Dichloropropene, cis	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	1.2	1.8	<0.5	<1	<0.5	<1	1.3	1.9	<0.5	<1	<0.5	<1	0.81	1.1	<0.5	<1	0.93	<1	<0.5	<1
2-Chlorotoluene	<1	<1	<0.5	<1	<0.5	<1	<0.5	<1	<0.5	<1	<0.5	<1	<0.5	<1	<0.5	<1	<0.5	<1	<0.5	<1
4-Bromofluorobenzene	9.9	-	10	-	10	-	0.9	-	10	-	10	-	-	-	9.6	-	9.9	-	-	-
Benzene	<1	<0.5	<0.5	<0.5	<0.5	<0.5	0.24	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chlorobenzene	<1	<1	<1	<1	<1	<1	0.29	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.24	<1	<1	<1
Chloroethane	<1	<1	<0.5	<1	<0.5	<1	0.4	<1	<0.5	<1	<0.5	<1	<0.5	1.1	1.5	<1	<0.5	<1	<0.5	<1
Chloroform	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.2	<1	<1	<1	<1	<1	<1	<1
Chloromethane (methyl chloride)	<1	<1	<0.5	<1	<0.5	<1	<0.5	<1	<0.5	<1	<0.5	<1	<0.5	<1	<0.5	<1	<0.5	<1	<0.5	<1
Dichlorodifluoromethane	<1	<1	<0.5	<1	<0.5	<1	<0.5	<1	<0.5	<1	<0.5	<1	10	3	0.68	<1	1.5	<1	<0.5	<1
Dichlorofluoromethane	3.7	1.1	0.33	<1	<0.5	1.8	1.6	<1	<0.5	<1	0.24	<1	<0.5	12	5.4	3.1	3.1	2.4	<0.5	<1
Ethyl ether	8.7	11	0.53	<1	<0.5	<1	15	5.3	<0.5	<1	<0.5	<1	9.5	19	6.6	4.4	3.4	<1	<0.5	3.7
Methyl tertiary butyl ether	<2	<2	<0.5	<2	<0.5	<2	0.48	<2	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<2
Methylene chloride	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.19	<1	0.27	<1	<1	<1	<1	<1
Tetrachloroethene (PCE)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.4	<1	<1	<1	0.39	<1	<1	<1
Tetrahydrofuran	33	15	<5	<10	<5	<10	10	<10	<5	<10	<5	<10	3	<10	<5	<10	3.2	<10	<5	<10
Trichloroethene (TCE)	<0.81	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	0.63	<1	<0.1	0.51	0.18	<1	<0.1
Trichlorofluoromethane	<1	<1	<0.5	<1	<0.5	<1	<0.5	<1	<0.5	<1	<0.5	<1	0.49	<1	0.68	<1	<0.5	<1	<0.5	<1
Vinyl chloride	0.42	0.52	<0.5	<0.05	<0.5	<0.05	2.3	0.56	<0.5	<0.05	<0.5	0.07	<0.5	0.41	0.28	<0.05	<0.5	<0.05	<0.5	<0.05

2010-2015 data from Barr Engineering's Louisville Landfill Capture Analysis dated February 9, 2017; 2019 data from May 2019 sampling results.

## Monitoring Results

MW-111	5/14/2019	Ethylbenzene	< 1	ug/L
MW-111	5/14/2019	Styrene	< 1	ug/L
MW-111	5/14/2019	Chlorobenzene	< 1	ug/L
MW-111	5/14/2019	Perfluorohexane sulfonate	0.049	ug/L
MW-111	5/14/2019	Tetrahydrofuran	< 10	ug/L
MW-111	5/14/2019	1,2,4-Trichlorobenzene	< 1	ug/L
MW-111	5/14/2019	1,4-Dioxane	< 0.05	ug/L
MW-111	5/14/2019	Chlorodibromomethane	< 0.5	ug/L
MW-111	5/14/2019	Tetrachloroethylene	< 1	ug/L
MW-111	5/14/2019	sec-Butylbenzene	< 1	ug/L
MW-111	5/14/2019	1,3-Dichloropropane	< 1	ug/L
MW-111	5/14/2019	cis-1,2-Dichloroethylene	< 1	ug/L
MW-111	5/14/2019	trans-1,2-Dichloroethylene	< 1	ug/L
MW-111	5/14/2019	Methyl tert-butyl ether	< 2	ug/L
MW-111	5/14/2019	meta & para Xylene mix	< 1	ug/L
MW-111	5/14/2019	1,1,1,2-Tetrachloroethane	< 1	ug/L
MW-111	5/14/2019	Acetone	< 20	ug/L
MW-111	5/14/2019	Chloroform	< 1	ug/L
MW-111	5/14/2019	Benzene	< 0.5	ug/L
MW-111	5/14/2019	1,1,1-Trichloroethane	< 1	ug/L
MW-111	5/14/2019	Methyl bromide	< 2	ug/L
MW-111	5/14/2019	Chloromethane	< 1	ug/L
MW-111	5/14/2019	Dibromomethane	< 1	ug/L
MW-111	5/14/2019	Bromochloromethane	< 1	ug/L
MW-111	5/14/2019	Manganese	19.1	ug/L
MW-111	5/14/2019	Boron	34	ug/L
MW-111	5/14/2019	Chloroethane	< 1	ug/L
MW-111	5/14/2019	Vinyl chloride	< 0.05	ug/L
MW-111	5/14/2019	1,2,3-Trichlorobenzene	< 1	ug/L
MW-111	5/14/2019	Hexachlorobutadiene	< 0.5	ug/L
MW-111	5/14/2019	Naphthalene	< 1	ug/L
MW-111	5/14/2019	o-Xylene	< 1	ug/L
MW-111	5/14/2019	o-Chlorotoluene	< 1	ug/L
MW-111	5/14/2019	o-Dichlorobenzene	< 1	ug/L
MW-111	5/14/2019	1,2,4-Trimethylbenzene	< 1	ug/L
MW-111	5/14/2019	1,2-Dibromo-3-chloropropane	< 1	ug/L
MW-111	5/14/2019	1,2,3-Trichloropropane	< 0.2	ug/L
MW-111	5/14/2019	tert-Butylbenzene	< 1	ug/L
MW-111	5/14/2019	Cumene	< 1	ug/L
MW-111	5/14/2019	p-Isopropyltoluene	< 1	ug/L
MW-111	5/14/2019	Dissolved oxygen (DO)	5.20	mg/L
MW-111	5/14/2019	cis-1,3-Dichloropropene	< 0.5	ug/L
MW-111	5/14/2019	trans-1,3-Dichloropropene	< 0.5	ug/L
MW-111	5/14/2019	n-Propylbenzene	< 1	ug/L
MW-111	5/14/2019	n-Butylbenzene	< 1	ug/L
MW-111	5/14/2019	p-Chlorotoluene	< 1	ug/L
MW-111	5/14/2019	p-Dichlorobenzene	< 1	ug/L
MW-111	5/14/2019	1,2-Dibromoethane	< 0.5	ug/L
MW-111	5/14/2019	Allyl chloride	< 1	ug/L
MW-111	5/14/2019	1,2-Dichloroethane	< 0.2	ug/L
MW-111	5/14/2019	Methyl isobutyl ketone	< 5	ug/L
MW-111	5/14/2019	1,3,5-Trimethylbenzene	< 1	ug/L

MW-111	5/14/2019	Bromobenzene	< 1	ug/L
MW-111	5/14/2019	Toluene	< 1	ug/L
MW-111	5/14/2019	Perfluoropentanoic acid	< 0.05	ug/L
MW-111	5/14/2019	Perfluorohexanoic acid	< 0.05	ug/L
MW-111	5/14/2019	Perfluorooctanoic acid	0.014	ug/L
MW-111	5/14/2019	Perfluorobutanoic acid	0.021	ug/L
MW-111	5/14/2019	Perfluorobutane sulfonate	< 0.05	ug/L
MW-111	5/14/2019	Perfluorooctane sulfonate	< 0.015	ug/L
MW-111	5/14/2019	m-Dichlorobenzene	< 1	ug/L
MW-111	5/14/2019	Carbon tetrachloride	< 0.2	ug/L
MW-111	5/14/2019	1,1-Dichloropropene	< 1	ug/L
MW-111	5/14/2019	2,2-Dichloropropane	< 1	ug/L
MW-111	5/14/2019	Ethyl ether	< 1	ug/L
MW-111	5/14/2019	Methylene chloride	< 1	ug/L
MW-111	5/14/2019	Tribromomethane	< 1	ug/L
MW-111	5/14/2019	Dichlorobromomethane	< 1	ug/L
MW-111	5/14/2019	1,1-Dichloroethane	< 1	ug/L
MW-111	5/14/2019	1,1-Dichloroethylene	< 1	ug/L
MW-111	5/14/2019	Dichlorofluoromethane	< 1	ug/L
MW-111	5/14/2019	Trichlorofluoromethane	< 1	ug/L
MW-111	5/14/2019	Dichlorodifluoromethane	< 1	ug/L
MW-111	5/14/2019	1,1,2-Trichlorotrifluoroethane	< 1	ug/L
MW-111	5/14/2019	1,2-Dichloropropane	< 1	ug/L
MW-111	5/14/2019	Methyl ethyl ketone	< 10	ug/L
MW-111	5/14/2019	1,1,2-Trichloroethane	< 0.5	ug/L
MW-111	5/14/2019	Trichloroethylene	< 0.1	ug/L
MW-111	5/14/2019	1,1,2,2-Tetrachloroethane	< 0.5	ug/L
MW-111	5/14/2019	Dissolved oxygen (DO)	5.60	mg/L
MW-111	5/14/2019	Dissolved oxygen (DO)	5.70	mg/L
MW-111	5/14/2019	Oxidation reduction potential (ORP)	133.00	mV
MW-111	5/14/2019	pH	7.50	None
MW-111	5/14/2019	pH	7.55	None
MW-111	5/14/2019	pH	7.70	None
MW-111	5/14/2019	Specific conductance	661.00	umho/cm
MW-111	5/14/2019	Specific conductance	661.00	umho/cm
MW-111	5/14/2019	Specific conductance	662.00	umho/cm
MW-111	5/14/2019	Temperature, water	12.50	deg C
MW-111	5/14/2019	Temperature, water	12.60	deg C
MW-111	5/14/2019	Temperature, water	12.50	deg C
MW-111	5/14/2019	Turbidity	4.20	NTU
MW-9	5/13/2019	Ethylbenzene	< 1	ug/L
MW-9	5/13/2019	Styrene	< 1	ug/L
MW-9	5/13/2019	Chlorobenzene	< 1	ug/L
MW-9	5/13/2019	Perfluorohexane sulfonate	0.069	ug/L
MW-9	5/13/2019	Tetrahydrofuran	< 10	ug/L
MW-9	5/13/2019	1,2,4-Trichlorobenzene	< 1	ug/L
MW-9	5/13/2019	1,4-Dioxane	9.4	ug/L
MW-9	5/13/2019	Chlorodibromomethane	< 0.5	ug/L
MW-9	5/13/2019	Tetrachloroethylene	< 1	ug/L
MW-9	5/13/2019	sec-Butylbenzene	< 1	ug/L
MW-9	5/13/2019	1,3-Dichloropropane	< 1	ug/L
MW-9	5/13/2019	cis-1,2-Dichloroethylene	2.3	ug/L



MW-9	5/13/2019	trans-1,2-Dichloroethylene	< 1	ug/L
MW-9	5/13/2019	Methyl tert-butyl ether	< 2	ug/L
MW-9	5/13/2019	1,1,1,2-Tetrachloroethane	< 1	ug/L
MW-9	5/13/2019	Acetone	< 20	ug/L
MW-9	5/13/2019	Chloroform	< 1	ug/L
MW-9	5/13/2019	Benzene	< 0.5	ug/L
MW-9	5/13/2019	1,1,1-Trichloroethane	< 1	ug/L
MW-9	5/13/2019	Methyl bromide	< 2	ug/L
MW-9	5/13/2019	Chloromethane	< 1	ug/L
MW-9	5/13/2019	Dibromomethane	< 1	ug/L
MW-9	5/13/2019	Bromochloromethane	< 1	ug/L
MW-9	5/13/2019	Manganese	49.5	ug/L
MW-9	5/13/2019	Boron	673	ug/L
MW-9	5/13/2019	Chloroethane	< 1	ug/L
MW-9	5/13/2019	Vinyl chloride	0.56	ug/L
MW-9	5/13/2019	1,2,3-Trichlorobenzene	< 1	ug/L
MW-9	5/13/2019	Hexachlorobutadiene	< 0.5	ug/L
MW-9	5/13/2019	Naphthalene	< 1	ug/L
MW-9	5/13/2019	o-Xylene	< 1	ug/L
MW-9	5/13/2019	o-Chlorotoluene	< 1	ug/L
MW-9	5/13/2019	o-Dichlorobenzene	< 1	ug/L
MW-9	5/13/2019	1,2,4-Trimethylbenzene	< 1	ug/L
MW-9	5/13/2019	1,2-Dibromo-3-chloropropane	< 1	ug/L
MW-9	5/13/2019	1,2,3-Trichloropropane	< 0.2	ug/L
MW-9	5/13/2019	tert-Butylbenzene	< 1	ug/L
MW-9	5/13/2019	Cumene	< 1	ug/L
MW-9	5/13/2019	p-Isopropyltoluene	< 1	ug/L
MW-9	5/13/2019	cis-1,3-Dichloropropene	< 0.5	ug/L
MW-9	5/13/2019	trans-1,3-Dichloropropene	< 0.5	ug/L
MW-9	5/13/2019	n-Propylbenzene	< 1	ug/L
MW-9	5/13/2019	n-Butylbenzene	< 1	ug/L
MW-9	5/13/2019	p-Chlorotoluene	< 1	ug/L
MW-9	5/13/2019	p-Dichlorobenzene	1.9	ug/L
MW-9	5/13/2019	1,2-Dibromoethane	< 0.5	ug/L
MW-9	5/13/2019	Allyl chloride	< 1	ug/L
MW-9	5/13/2019	1,2-Dichloroethane	< 0.2	ug/L
MW-9	5/13/2019	Methyl isobutyl ketone	< 5	ug/L
MW-9	5/13/2019	1,3,5-Trimethylbenzene	< 1	ug/L
MW-9	5/13/2019	Bromobenzene	< 1	ug/L
MW-9	5/13/2019	Toluene	< 1	ug/L
MW-9	5/13/2019	meta & para Xylene mix	< 1	ug/L
MW-9	5/13/2019	Perfluoropentanoic acid	0.21	ug/L
MW-9	5/13/2019	Perfluorohexanoic acid	0.17	ug/L
MW-9	5/13/2019	Perfluorooctanoic acid	0.18	ug/L
MW-9	5/13/2019	Perfluorobutanoic acid	0.37	ug/L
MW-9	5/13/2019	Perfluorobutane sulfonate	0.031	ug/L
MW-9	5/13/2019	Perfluorooctane sulfonate	0.075	ug/L
MW-9	5/13/2019	m-Dichlorobenzene	< 1	ug/L
MW-9	5/13/2019	Carbon tetrachloride	< 0.2	ug/L
MW-9	5/13/2019	1,1-Dichloropropene	< 1	ug/L
MW-9	5/13/2019	2,2-Dichloropropane	< 1	ug/L
MW-9	5/13/2019	Ethyl ether	5.3	ug/L

MW-9	5/13/2019	Methylene chloride	< 1	ug/L
MW-9	5/13/2019	Tribromomethane	< 1	ug/L
MW-9	5/13/2019	Dichlorobromomethane	< 1	ug/L
MW-9	5/13/2019	1,1-Dichloroethane	< 1	ug/L
MW-9	5/13/2019	1,1-Dichloroethylene	< 1	ug/L
MW-9	5/13/2019	Dichlorofluoromethane	< 1	ug/L
MW-9	5/13/2019	Trichlorofluoromethane	< 1	ug/L
MW-9	5/13/2019	Dichlorodifluoromethane	< 1	ug/L
MW-9	5/13/2019	1,1,2-Trichlorotrifluoroethane	< 1	ug/L
MW-9	5/13/2019	1,2-Dichloropropane	< 1	ug/L
MW-9	5/13/2019	Methyl ethyl ketone	< 10	ug/L
MW-9	5/13/2019	1,1,2-Trichloroethane	< 0.5	ug/L
MW-9	5/13/2019	Trichloroethylene	< 0.1	ug/L
MW-9	5/13/2019	1,1,2,2-Tetrachloroethane	< 0.5	ug/L
MW-9	5/13/2019	Dissolved oxygen (DO)	0.70	mg/L
MW-9	5/13/2019	Dissolved oxygen (DO)	0.80	mg/L
MW-9	5/13/2019	Dissolved oxygen (DO)	1.00	mg/L
MW-9	5/13/2019	Oxidation reduction potential (ORP)	27.00	mV
MW-9	5/13/2019	pH	6.75	None
MW-9	5/13/2019	pH	6.80	None
MW-9	5/13/2019	pH	6.75	None
MW-9	5/13/2019	Specific conductance	1040.00	umho/cm
MW-9	5/13/2019	Specific conductance	1046.00	umho/cm
MW-9	5/13/2019	Specific conductance	1042.00	umho/cm
MW-9	5/13/2019	Temperature, water	15.50	deg C
MW-9	5/13/2019	Temperature, water	15.70	deg C
MW-9	5/13/2019	Temperature, water	15.60	deg C
MW-9	5/13/2019	Turbidity	1.50	NTU
MW-116	5/14/2019	Ethylbenzene	< 1	ug/L
MW-116	5/14/2019	Styrene	< 1	ug/L
MW-116	5/14/2019	Perfluorohexane sulfonate	0.031	ug/L
MW-116	5/14/2019	Tetrahydrofuran	< 10	ug/L
MW-116	5/14/2019	1,2,4-Trichlorobenzene	< 1	ug/L
MW-116	5/14/2019	1,4-Dioxane	7.6	ug/L
MW-116	5/14/2019	Chlorodibromomethane	< 0.5	ug/L
MW-116	5/14/2019	Tetrachloroethylene	< 1	ug/L
MW-116	5/14/2019	sec-Butylbenzene	< 1	ug/L
MW-116	5/14/2019	1,3-Dichloropropane	< 1	ug/L
MW-116	5/14/2019	cis-1,2-Dichloroethylene	< 1	ug/L
MW-116	5/14/2019	trans-1,2-Dichloroethylene	< 1	ug/L
MW-116	5/14/2019	Methyl tert-butyl ether	< 2	ug/L
MW-116	5/14/2019	meta & para Xylene mix	< 1	ug/L
MW-116	5/14/2019	1,1,1,2-Tetrachloroethane	< 1	ug/L
MW-116	5/14/2019	Acetone	< 20	ug/L
MW-116	5/14/2019	Chloroform	< 1	ug/L
MW-116	5/14/2019	Benzene	< 0.5	ug/L
MW-116	5/14/2019	1,1,1-Trichloroethane	< 1	ug/L
MW-116	5/14/2019	Methyl bromide	< 2	ug/L
MW-116	5/14/2019	Chloromethane	< 1	ug/L
MW-116	5/14/2019	Dibromomethane	< 1	ug/L
MW-116	5/14/2019	Bromochloromethane	< 1	ug/L
MW-116	5/14/2019	Manganese	< 10	ug/L

MW-116	5/14/2019	Chloroethane	< 1	ug/L
MW-116	5/14/2019	Boron	108	ug/L
MW-116	5/14/2019	Vinyl chloride	< 0.05	ug/L
MW-116	5/14/2019	1,2,3-Trichlorobenzene	< 1	ug/L
MW-116	5/14/2019	Hexachlorobutadiene	< 0.5	ug/L
MW-116	5/14/2019	Naphthalene	< 1	ug/L
MW-116	5/14/2019	o-Xylene	< 1	ug/L
MW-116	5/14/2019	o-Chlorotoluene	< 1	ug/L
MW-116	5/14/2019	o-Dichlorobenzene	< 1	ug/L
MW-116	5/14/2019	1,2,4-Trimethylbenzene	< 1	ug/L
MW-116	5/14/2019	1,2-Dibromo-3-chloropropane	< 1	ug/L
MW-116	5/14/2019	1,2,3-Trichloropropane	< 0.2	ug/L
MW-116	5/14/2019	tert-Butylbenzene	< 1	ug/L
MW-116	5/14/2019	Cumene	< 1	ug/L
MW-116	5/14/2019	p-Isopropyltoluene	< 1	ug/L
MW-116	5/14/2019	cis-1,3-Dichloropropene	< 0.5	ug/L
MW-116	5/14/2019	trans-1,3-Dichloropropene	< 0.5	ug/L
MW-116	5/14/2019	n-Propylbenzene	< 1	ug/L
MW-116	5/14/2019	n-Butylbenzene	< 1	ug/L
MW-116	5/14/2019	p-Chlorotoluene	< 1	ug/L
MW-116	5/14/2019	p-Dichlorobenzene	< 1	ug/L
MW-116	5/14/2019	1,2-Dibromoethane	< 0.5	ug/L
MW-116	5/14/2019	Allyl chloride	< 1	ug/L
MW-116	5/14/2019	1,2-Dichloroethane	< 0.2	ug/L
MW-116	5/14/2019	Methyl isobutyl ketone	< 5	ug/L
MW-116	5/14/2019	1,3,5-Trimethylbenzene	< 1	ug/L
MW-116	5/14/2019	Bromobenzene	< 1	ug/L
MW-116	5/14/2019	Toluene	< 1	ug/L
MW-116	5/14/2019	Chlorobenzene	< 1	ug/L
MW-116	5/14/2019	Perfluoropentanoic acid	0.023	ug/L
MW-116	5/14/2019	Perfluorohexanoic acid	0.039	ug/L
MW-116	5/14/2019	Perfluorooctanoic acid	0.032	ug/L
MW-116	5/14/2019	Perfluorobutanoic acid	0.073	ug/L
MW-116	5/14/2019	Perfluorobutane sulfonate	< 0.05	ug/L
MW-116	5/14/2019	Perfluorooctane sulfonate	< 0.015	ug/L
MW-116	5/14/2019	m-Dichlorobenzene	< 1	ug/L
MW-116	5/14/2019	Carbon tetrachloride	< 0.2	ug/L
MW-116	5/14/2019	1,1-Dichloropropene	< 1	ug/L
MW-116	5/14/2019	2,2-Dichloropropane	< 1	ug/L
MW-116	5/14/2019	Ethyl ether	4.4	ug/L
MW-116	5/14/2019	Methylene chloride	< 1	ug/L
MW-116	5/14/2019	Tribromomethane	< 1	ug/L
MW-116	5/14/2019	Dichlorobromomethane	< 1	ug/L
MW-116	5/14/2019	1,1-Dichloroethane	2.9	ug/L
MW-116	5/14/2019	1,1-Dichloroethylene	< 1	ug/L
MW-116	5/14/2019	Dichlorofluoromethane	3.1	ug/L
MW-116	5/14/2019	Trichlorofluoromethane	< 1	ug/L
MW-116	5/14/2019	Dichlorodifluoromethane	< 1	ug/L
MW-116	5/14/2019	1,1,2-Trichlorotrifluoroethane	< 1	ug/L
MW-116	5/14/2019	1,2-Dichloropropane	< 1	ug/L
MW-116	5/14/2019	Methyl ethyl ketone	< 10	ug/L
MW-116	5/14/2019	1,1,2-Trichloroethane	< 0.5	ug/L

MW-211	5/14/2019	1,2-Dibromo-3-chloropropane	< 1	ug/L
MW-211	5/14/2019	1,2,3-Trichloropropane	< 0.2	ug/L
MW-211	5/14/2019	tert-Butylbenzene	< 1	ug/L
MW-211	5/14/2019	Cumene	< 1	ug/L
MW-211	5/14/2019	p-Isopropyltoluene	< 1	ug/L
MW-211	5/14/2019	cis-1,3-Dichloropropene	< 0.5	ug/L
MW-211	5/14/2019	trans-1,3-Dichloropropene	< 0.5	ug/L
MW-211	5/14/2019	n-Propylbenzene	< 1	ug/L
MW-211	5/14/2019	n-Butylbenzene	< 1	ug/L
MW-211	5/14/2019	p-Chlorotoluene	< 1	ug/L
MW-211	5/14/2019	p-Dichlorobenzene	< 1	ug/L
MW-211	5/14/2019	1,2-Dibromoethane	< 0.5	ug/L
MW-211	5/14/2019	Allyl chloride	< 1	ug/L
MW-211	5/14/2019	1,2-Dichloroethane	< 0.2	ug/L
MW-211	5/14/2019	Methyl isobutyl ketone	< 5	ug/L
MW-211	5/14/2019	1,3,5-Trimethylbenzene	< 1	ug/L
MW-211	5/14/2019	Bromobenzene	< 1	ug/L
MW-211	5/14/2019	Toluene	< 1	ug/L
MW-211	5/14/2019	Perfluoropentanoic acid	0.014	ug/L
MW-211	5/14/2019	Perfluorohexanoic acid	0.011	ug/L
MW-211	5/14/2019	Perfluorooctanoic acid	0.021	ug/L
MW-211	5/14/2019	Perfluorobutanoic acid	0.063	ug/L
MW-211	5/14/2019	Perfluorobutane sulfonate	< 0.05	ug/L
MW-211	5/14/2019	Perfluorooctane sulfonate	< 0.015	ug/L
MW-211	5/14/2019	m-Dichlorobenzene	< 1	ug/L
MW-211	5/14/2019	Carbon tetrachloride	< 0.2	ug/L
MW-211	5/14/2019	1,1-Dichloropropene	< 1	ug/L
MW-211	5/14/2019	2,2-Dichloropropane	< 1	ug/L
MW-211	5/14/2019	Ethyl ether	< 1	ug/L
MW-211	5/14/2019	Tribromomethane	< 1	ug/L
MW-211	5/14/2019	Dichlorobromomethane	< 1	ug/L
MW-211	5/14/2019	1,1-Dichloroethane	1.8	ug/L
MW-211	5/14/2019	1,1-Dichloroethylene	< 1	ug/L
MW-211	5/14/2019	Dichlorofluoromethane	2.4	ug/L
MW-211	5/14/2019	Trichlorofluoromethane	< 1	ug/L
MW-211	5/14/2019	Dichlorodifluoromethane	< 1	ug/L
MW-211	5/14/2019	1,1,2-Trichlorotrifluoroethane	< 1	ug/L
MW-211	5/14/2019	1,2-Dichloropropane	< 1	ug/L
MW-211	5/14/2019	Methyl ethyl ketone	< 10	ug/L
MW-211	5/14/2019	1,1,2-Trichloroethane	< 0.5	ug/L
MW-211	5/14/2019	Trichloroethylene	0.18	ug/L
MW-211	5/14/2019	1,1,2,2-Tetrachloroethane	< 0.5	ug/L
MW-211	5/14/2019	Dissolved oxygen (DO)	1.00	mg/L
MW-211	5/14/2019	Dissolved oxygen (DO)	1.50	mg/L
MW-211	5/14/2019	Dissolved oxygen (DO)	1.70	mg/L
MW-211	5/14/2019	Oxidation reduction potential (ORP)	101.00	mV
MW-211	5/14/2019	pH	7.62	None
MW-211	5/14/2019	pH	7.70	None
MW-211	5/14/2019	pH	7.84	None
MW-211	5/14/2019	Specific conductance	995.00	umho/cm
MW-211	5/14/2019	Specific conductance	987.00	umho/cm
MW-211	5/14/2019	Specific conductance	976.00	umho/cm

MW-116	5/14/2019	Trichloroethylene	< 0.1	ug/L
MW-116	5/14/2019	1,1,2,2-Tetrachloroethane	< 0.5	ug/L
MW-116	5/14/2019	Dissolved oxygen (DO)	0.40	mg/L
MW-116	5/14/2019	Dissolved oxygen (DO)	0.40	mg/L
MW-116	5/14/2019	Dissolved oxygen (DO)	0.30	mg/L
MW-116	5/14/2019	Oxidation reduction potential (ORP)	100.00	mV
MW-116	5/14/2019	pH	7.40	None
MW-116	5/14/2019	pH	7.41	None
MW-116	5/14/2019	pH	7.44	None
MW-116	5/14/2019	Specific conductance	873.00	umho/cm
MW-116	5/14/2019	Specific conductance	867.00	umho/cm
MW-116	5/14/2019	Specific conductance	888.00	umho/cm
MW-116	5/14/2019	Temperature, water	10.50	deg C
MW-116	5/14/2019	Temperature, water	10.60	deg C
MW-116	5/14/2019	Temperature, water	10.50	deg C
MW-116	5/14/2019	Turbidity	8.20	NTU
MW-211	5/14/2019	Ethylbenzene	< 1	ug/L
MW-211	5/14/2019	Styrene	< 1	ug/L
MW-211	5/14/2019	Chlorobenzene	< 1	ug/L
MW-211	5/14/2019	Perfluorohexane sulfonate	< 0.025	ug/L
MW-211	5/14/2019	Tetrahydrofuran	< 10	ug/L
MW-211	5/14/2019	1,2,4-Trichlorobenzene	< 1	ug/L
MW-211	5/14/2019	1,4-Dioxane	4.4	ug/L
MW-211	5/14/2019	Chlorodibromomethane	< 0.5	ug/L
MW-211	5/14/2019	Tetrachloroethylene	< 1	ug/L
MW-211	5/14/2019	sec-Butylbenzene	< 1	ug/L
MW-211	5/14/2019	1,3-Dichloropropane	< 1	ug/L
MW-211	5/14/2019	cis-1,2-Dichloroethylene	1.1	ug/L
MW-211	5/14/2019	trans-1,2-Dichloroethylene	< 1	ug/L
MW-211	5/14/2019	Methyl tert-butyl ether	< 2	ug/L
MW-211	5/14/2019	meta & para Xylene mix	< 1	ug/L
MW-211	5/14/2019	1,1,1,2-Tetrachloroethane	< 1	ug/L
MW-211	5/14/2019	Acetone	< 20	ug/L
MW-211	5/14/2019	Chloroform	< 1	ug/L
MW-211	5/14/2019	Benzene	< 0.5	ug/L
MW-211	5/14/2019	1,1,1-Trichloroethane	< 1	ug/L
MW-211	5/14/2019	Methyl bromide	< 2	ug/L
MW-211	5/14/2019	Chloromethane	< 1	ug/L
MW-211	5/14/2019	Dibromomethane	< 1	ug/L
MW-211	5/14/2019	Bromochloromethane	< 1	ug/L
MW-211	5/14/2019	Manganese	< 10	ug/L
MW-211	5/14/2019	Boron	69.4	ug/L
MW-211	5/14/2019	Chloroethane	< 1	ug/L
MW-211	5/14/2019	Vinyl chloride	< 0.05	ug/L
MW-211	5/14/2019	Methylene chloride	< 1	ug/L
MW-211	5/14/2019	1,2,3-Trichlorobenzene	< 1	ug/L
MW-211	5/14/2019	Hexachlorobutadiene	< 0.5	ug/L
MW-211	5/14/2019	Naphthalene	< 1	ug/L
MW-211	5/14/2019	o-Xylene	< 1	ug/L
MW-211	5/14/2019	o-Chlorotoluene	< 1	ug/L
MW-211	5/14/2019	o-Dichlorobenzene	< 1	ug/L
MW-211	5/14/2019	1,2,4-Trimethylbenzene	< 1	ug/L

MW-211	5/14/2019	Temperature, water	12.30	deg C
MW-211	5/14/2019	Temperature, water	12.30	deg C
MW-211	5/14/2019	Temperature, water	12.30	deg C
MW-211	5/14/2019	Turbidity	1.00	NTU
MW-113	5/13/2019	Ethylbenzene	< 1	ug/L
MW-113	5/13/2019	Styrene	< 1	ug/L
MW-113	5/13/2019	Chlorobenzene	< 1	ug/L
MW-113	5/13/2019	Perfluorohexane sulfonate	0.082	ug/L
MW-113	5/13/2019	Tetrahydrofuran	< 10	ug/L
MW-113	5/13/2019	1,2,4-Trichlorobenzene	< 1	ug/L
MW-113	5/13/2019	1,4-Dioxane	5.5	ug/L
MW-113	5/13/2019	Chlorodibromomethane	< 0.5	ug/L
MW-113	5/13/2019	Tetrachloroethylene	< 1	ug/L
MW-113	5/13/2019	sec-Butylbenzene	< 1	ug/L
MW-113	5/13/2019	1,3-Dichloropropane	< 1	ug/L
MW-113	5/13/2019	cis-1,2-Dichloroethylene	< 1	ug/L
MW-113	5/13/2019	trans-1,2-Dichloroethylene	< 1	ug/L
MW-113	5/13/2019	Methyl tert-butyl ether	< 2	ug/L
MW-113	5/13/2019	1,1,1,2-Tetrachloroethane	< 1	ug/L
MW-113	5/13/2019	Acetone	< 20	ug/L
MW-113	5/13/2019	Chloroform	< 1	ug/L
MW-113	5/13/2019	Benzene	< 0.5	ug/L
MW-113	5/13/2019	1,1,1-Trichloroethane	< 1	ug/L
MW-113	5/13/2019	Methyl bromide	< 2	ug/L
MW-113	5/13/2019	Chloromethane	< 1	ug/L
MW-113	5/13/2019	Dibromomethane	< 1	ug/L
MW-113	5/13/2019	Bromochloromethane	< 1	ug/L
MW-113	5/13/2019	Manganese	< 10	ug/L
MW-113	5/13/2019	Boron	687	ug/L
MW-113	5/13/2019	Chloroethane	< 1	ug/L
MW-113	5/13/2019	Vinyl chloride	0.07	ug/L
MW-113	5/13/2019	1,2,3-Trichlorobenzene	< 1	ug/L
MW-113	5/13/2019	Hexachlorobutadiene	< 0.5	ug/L
MW-113	5/13/2019	Naphthalene	< 1	ug/L
MW-113	5/13/2019	o-Xylene	< 1	ug/L
MW-113	5/13/2019	o-Chlorotoluene	< 1	ug/L
MW-113	5/13/2019	o-Dichlorobenzene	< 1	ug/L
MW-113	5/13/2019	1,2,4-Trimethylbenzene	< 1	ug/L
MW-113	5/13/2019	1,2-Dibromo-3-chloropropane	< 1	ug/L
MW-113	5/13/2019	1,2,3-Trichloropropane	< 0.2	ug/L
MW-113	5/13/2019	tert-Butylbenzene	< 1	ug/L
MW-113	5/13/2019	Cumene	< 1	ug/L
MW-113	5/13/2019	p-Isopropyltoluene	< 1	ug/L
MW-113	5/13/2019	cis-1,3-Dichloropropene	< 0.5	ug/L
MW-113	5/13/2019	trans-1,3-Dichloropropene	< 0.5	ug/L
MW-113	5/13/2019	n-Propylbenzene	< 1	ug/L
MW-113	5/13/2019	n-Butylbenzene	< 1	ug/L
MW-113	5/13/2019	p-Chlorotoluene	< 1	ug/L
MW-113	5/13/2019	p-Dichlorobenzene	< 1	ug/L
MW-113	5/13/2019	1,2-Dibromoethane	< 0.5	ug/L
MW-113	5/13/2019	Allyl chloride	< 1	ug/L
MW-113	5/13/2019	1,2-Dichloroethane	< 0.2	ug/L

MW-113	5/13/2019	Methyl isobutyl ketone	< 5	ug/L
MW-113	5/13/2019	1,3,5-Trimethylbenzene	< 1	ug/L
MW-113	5/13/2019	Bromobenzene	< 1	ug/L
MW-113	5/13/2019	Toluene	< 1	ug/L
MW-113	5/13/2019	meta & para Xylene mix	< 1	ug/L
MW-113	5/13/2019	Perfluoropentanoic acid	0.13	ug/L
MW-113	5/13/2019	Perfluorohexanoic acid	0.16	ug/L
MW-113	5/13/2019	Perfluorooctanoic acid	0.16	ug/L
MW-113	5/13/2019	Perfluorobutanoic acid	0.26	ug/L
MW-113	5/13/2019	Perfluorobutane sulfonate	0.02	ug/L
MW-113	5/13/2019	Perfluorooctane sulfonate	0.09	ug/L
MW-113	5/13/2019	m-Dichlorobenzene	< 1	ug/L
MW-113	5/13/2019	Carbon tetrachloride	< 0.2	ug/L
MW-113	5/13/2019	1,1-Dichloropropene	< 1	ug/L
MW-113	5/13/2019	2,2-Dichloropropane	< 1	ug/L
MW-113	5/13/2019	Ethyl ether	< 1	ug/L
MW-113	5/13/2019	Methylene chloride	< 1	ug/L
MW-113	5/13/2019	Tribromomethane	< 1	ug/L
MW-113	5/13/2019	Dichlorobromomethane	< 1	ug/L
MW-113	5/13/2019	1,1-Dichloroethane	< 1	ug/L
MW-113	5/13/2019	1,1-Dichloroethylene	< 1	ug/L
MW-113	5/13/2019	Dichlorofluoromethane	< 1	ug/L
MW-113	5/13/2019	Trichlorofluoromethane	< 1	ug/L
MW-113	5/13/2019	Dichlorodifluoromethane	< 1	ug/L
MW-113	5/13/2019	1,1,2-Trichlorotrifluoroethane	< 1	ug/L
MW-113	5/13/2019	1,2-Dichloropropane	< 1	ug/L
MW-113	5/13/2019	Methyl ethyl ketone	< 10	ug/L
MW-113	5/13/2019	1,1,2-Trichloroethane	< 0.5	ug/L
MW-113	5/13/2019	Trichloroethylene	< 0.1	ug/L
MW-113	5/13/2019	1,1,2,2-Tetrachloroethane	< 0.5	ug/L
MW-113	5/13/2019	Dissolved oxygen (DO)	0.90	mg/L
MW-113	5/13/2019	Dissolved oxygen (DO)	0.90	mg/L
MW-113	5/13/2019	Dissolved oxygen (DO)	1.20	mg/L
MW-113	5/13/2019	Oxidation reduction potential (ORP)	144.00	mV
MW-113	5/13/2019	pH	7.00	None
MW-113	5/13/2019	pH	6.95	None
MW-113	5/13/2019	pH	6.97	None
MW-113	5/13/2019	Specific conductance	1290.00	umho/cm
MW-113	5/13/2019	Specific conductance	1286.00	umho/cm
MW-113	5/13/2019	Specific conductance	1298.00	umho/cm
MW-113	5/13/2019	Temperature, water	12.30	deg C
MW-113	5/13/2019	Temperature, water	12.30	deg C
MW-113	5/13/2019	Temperature, water	12.30	deg C
MW-113	5/13/2019	Turbidity	1.20	NTU
MW-213	5/13/2019	Ethylbenzene	< 1	ug/L
MW-213	5/13/2019	Styrene	< 1	ug/L
MW-213	5/13/2019	Chlorobenzene	< 1	ug/L
MW-213	5/13/2019	Perfluorohexane sulfonate	0.061	ug/L
MW-213	5/13/2019	Tetrahydrofuran	< 10	ug/L
MW-213	5/13/2019	1,2,4-Trichlorobenzene	< 1	ug/L
MW-213	5/13/2019	1,4-Dioxane	4.8	ug/L
MW-213	5/13/2019	Chlorodibromomethane	< 0.5	ug/L

MW-213	5/13/2019	Tetrachloroethylene	< 1	ug/L
MW-213	5/13/2019	sec-Butylbenzene	< 1	ug/L
MW-213	5/13/2019	1,3-Dichloropropane	< 1	ug/L
MW-213	5/13/2019	cis-1,2-Dichloroethylene	< 1	ug/L
MW-213	5/13/2019	trans-1,2-Dichloroethylene	< 1	ug/L
MW-213	5/13/2019	Methyl tert-butyl ether	< 2	ug/L
MW-213	5/13/2019	1,1,1,2-Tetrachloroethane	< 1	ug/L
MW-213	5/13/2019	Acetone	< 20	ug/L
MW-213	5/13/2019	Chloroform	< 1	ug/L
MW-213	5/13/2019	Benzene	< 0.5	ug/L
MW-213	5/13/2019	1,1,1-Trichloroethane	< 1	ug/L
MW-213	5/13/2019	Methyl bromide	< 2	ug/L
MW-213	5/13/2019	Chloromethane	< 1	ug/L
MW-213	5/13/2019	Dibromomethane	< 1	ug/L
MW-213	5/13/2019	Bromochloromethane	< 1	ug/L
MW-213	5/13/2019	Manganese	18.3	ug/L
MW-213	5/13/2019	Boron	735	ug/L
MW-213	5/13/2019	Chloroethane	< 1	ug/L
MW-213	5/13/2019	Vinyl chloride	< 0.05	ug/L
MW-213	5/13/2019	Methylene chloride	< 1	ug/L
MW-213	5/13/2019	1,2,3-Trichlorobenzene	< 1	ug/L
MW-213	5/13/2019	Hexachlorobutadiene	< 0.5	ug/L
MW-213	5/13/2019	Naphthalene	< 1	ug/L
MW-213	5/13/2019	o-Xylene	< 1	ug/L
MW-213	5/13/2019	o-Chlorotoluene	< 1	ug/L
MW-213	5/13/2019	o-Dichlorobenzene	< 1	ug/L
MW-213	5/13/2019	1,2,4-Trimethylbenzene	< 1	ug/L
MW-213	5/13/2019	1,2-Dibromo-3-chloropropane	< 1	ug/L
MW-213	5/13/2019	1,2,3-Trichloropropane	< 0.2	ug/L
MW-213	5/13/2019	tert-Butylbenzene	< 1	ug/L
MW-213	5/13/2019	Cumene	< 1	ug/L
MW-213	5/13/2019	p-Isopropyltoluene	< 1	ug/L
MW-213	5/13/2019	cis-1,3-Dichloropropene	< 0.5	ug/L
MW-213	5/13/2019	trans-1,3-Dichloropropene	< 0.5	ug/L
MW-213	5/13/2019	n-Propylbenzene	< 1	ug/L
MW-213	5/13/2019	n-Butylbenzene	< 1	ug/L
MW-213	5/13/2019	p-Chlorotoluene	< 1	ug/L
MW-213	5/13/2019	p-Dichlorobenzene	< 1	ug/L
MW-213	5/13/2019	1,2-Dibromoethane	< 0.5	ug/L
MW-213	5/13/2019	Allyl chloride	< 1	ug/L
MW-213	5/13/2019	1,2-Dichloroethane	< 0.2	ug/L
MW-213	5/13/2019	Methyl isobutyl ketone	< 5	ug/L
MW-213	5/13/2019	1,3,5-Trimethylbenzene	< 1	ug/L
MW-213	5/13/2019	Bromobenzene	< 1	ug/L
MW-213	5/13/2019	Toluene	< 1	ug/L
MW-213	5/13/2019	meta & para Xylene mix	< 1	ug/L
MW-213	5/13/2019	Perfluoropentanoic acid	0.096	ug/L
MW-213	5/13/2019	Perfluorohexanoic acid	0.11	ug/L
MW-213	5/13/2019	Perfluorooctanoic acid	0.095	ug/L
MW-213	5/13/2019	Perfluorobutanoic acid	0.18	ug/L
MW-213	5/13/2019	Perfluorobutane sulfonate	0.014	ug/L
MW-213	5/13/2019	Perfluorooctane sulfonate	0.039	ug/L



MW-213	5/13/2019	m-Dichlorobenzene	< 1	ug/L
MW-213	5/13/2019	Carbon tetrachloride	< 0.2	ug/L
MW-213	5/13/2019	1,1-Dichloropropene	< 1	ug/L
MW-213	5/13/2019	2,2-Dichloropropane	< 1	ug/L
MW-213	5/13/2019	Ethyl ether	1.4	ug/L
MW-213	5/13/2019	Tribromomethane	< 1	ug/L
MW-213	5/13/2019	Dichlorobromomethane	< 1	ug/L
MW-213	5/13/2019	1,1-Dichloroethane	< 1	ug/L
MW-213	5/13/2019	1,1-Dichloroethylene	< 1	ug/L
MW-213	5/13/2019	Dichlorofluoromethane	< 1	ug/L
MW-213	5/13/2019	Trichlorofluoromethane	< 1	ug/L
MW-213	5/13/2019	Dichlorodifluoromethane	< 1	ug/L
MW-213	5/13/2019	1,1,2-Trichlorotrifluoroethane	< 1	ug/L
MW-213	5/13/2019	1,2-Dichloropropane	< 1	ug/L
MW-213	5/13/2019	Methyl ethyl ketone	< 10	ug/L
MW-213	5/13/2019	1,1,2-Trichloroethane	< 0.5	ug/L
MW-213	5/13/2019	Trichloroethylene	< 0.1	ug/L
MW-213	5/13/2019	1,1,2,2-Tetrachloroethane	< 0.5	ug/L
MW-213	5/13/2019	Dissolved oxygen (DO)	0.80	mg/L
MW-213	5/13/2019	Dissolved oxygen (DO)	0.60	mg/L
MW-213	5/13/2019	Dissolved oxygen (DO)	0.50	mg/L
MW-213	5/13/2019	Oxidation reduction potential (ORP)	138.00	mV
MW-213	5/13/2019	pH	7.12	None
MW-213	5/13/2019	pH	7.18	None
MW-213	5/13/2019	pH	7.09	None
MW-213	5/13/2019	Specific conductance	1288.00	umho/cm
MW-213	5/13/2019	Specific conductance	1298.00	umho/cm
MW-213	5/13/2019	Specific conductance	1290.00	umho/cm
MW-213	5/13/2019	Temperature, water	12.70	deg C
MW-213	5/13/2019	Temperature, water	12.70	deg C
MW-213	5/13/2019	Temperature, water	12.70	deg C
MW-213	5/13/2019	Turbidity	1.00	NTU
MW-114	5/14/2019	Ethylbenzene	< 1	ug/L
MW-114	5/14/2019	Styrene	< 1	ug/L
MW-114	5/14/2019	Perfluorohexane sulfonate	< 0.025	ug/L
MW-114	5/14/2019	Tetrahydrofuran	< 10	ug/L
MW-114	5/14/2019	1,2,4-Trichlorobenzene	< 1	ug/L
MW-114	5/14/2019	1,4-Dioxane	9.8	ug/L
MW-114	5/14/2019	Chlorodibromomethane	< 0.5	ug/L
MW-114	5/14/2019	Tetrachloroethylene	< 1	ug/L
MW-114	5/14/2019	sec-Butylbenzene	< 1	ug/L
MW-114	5/14/2019	1,3-Dichloropropane	< 1	ug/L
MW-114	5/14/2019	cis-1,2-Dichloroethylene	3.7	ug/L
MW-114	5/14/2019	trans-1,2-Dichloroethylene	< 1	ug/L
MW-114	5/14/2019	Methyl tert-butyl ether	< 2	ug/L
MW-114	5/14/2019	meta & para Xylene mix	< 1	ug/L
MW-114	5/14/2019	1,1,1,2-Tetrachloroethane	< 1	ug/L
MW-114	5/14/2019	Acetone	< 20	ug/L
MW-114	5/14/2019	Chloroform	< 1	ug/L
MW-114	5/14/2019	Benzene	< 0.5	ug/L
MW-114	5/14/2019	1,1,1-Trichloroethane	< 1	ug/L
MW-114	5/14/2019	Methyl bromide	< 2	ug/L

MW-114	5/14/2019	Chloromethane	< 1	ug/L
MW-114	5/14/2019	Dibromomethane	< 1	ug/L
MW-114	5/14/2019	Bromochloromethane	< 1	ug/L
MW-114	5/14/2019	Manganese	280	ug/L
MW-114	5/14/2019	Boron	109	ug/L
MW-114	5/14/2019	Chloroethane	1.1	ug/L
MW-114	5/14/2019	Vinyl chloride	0.41	ug/L
MW-114	5/14/2019	1,2,3-Trichlorobenzene	< 1	ug/L
MW-114	5/14/2019	Hexachlorobutadiene	< 0.5	ug/L
MW-114	5/14/2019	Naphthalene	< 1	ug/L
MW-114	5/14/2019	o-Xylene	< 1	ug/L
MW-114	5/14/2019	o-Chlorotoluene	< 1	ug/L
MW-114	5/14/2019	o-Dichlorobenzene	< 1	ug/L
MW-114	5/14/2019	1,2,4-Trimethylbenzene	< 1	ug/L
MW-114	5/14/2019	1,2-Dibromo-3-chloropropane	< 1	ug/L
MW-114	5/14/2019	1,2,3-Trichloropropane	< 0.2	ug/L
MW-114	5/14/2019	tert-Butylbenzene	< 1	ug/L
MW-114	5/14/2019	Cumene	< 1	ug/L
MW-114	5/14/2019	p-Isopropyltoluene	< 1	ug/L
MW-114	5/14/2019	cis-1,3-Dichloropropene	< 0.5	ug/L
MW-114	5/14/2019	trans-1,3-Dichloropropene	< 0.5	ug/L
MW-114	5/14/2019	n-Propylbenzene	< 1	ug/L
MW-114	5/14/2019	n-Butylbenzene	< 1	ug/L
MW-114	5/14/2019	p-Chlorotoluene	< 1	ug/L
MW-114	5/14/2019	p-Dichlorobenzene	1.1	ug/L
MW-114	5/14/2019	1,2-Dibromoethane	< 0.5	ug/L
MW-114	5/14/2019	Allyl chloride	< 1	ug/L
MW-114	5/14/2019	1,2-Dichloroethane	< 0.2	ug/L
MW-114	5/14/2019	Methyl isobutyl ketone	< 5	ug/L
MW-114	5/14/2019	1,3,5-Trimethylbenzene	< 1	ug/L
MW-114	5/14/2019	Bromobenzene	< 1	ug/L
MW-114	5/14/2019	Toluene	< 1	ug/L
MW-114	5/14/2019	Chlorobenzene	< 1	ug/L
MW-114	5/14/2019	Perfluoropentanoic acid	0.028	ug/L
MW-114	5/14/2019	Perfluorohexanoic acid	0.035	ug/L
MW-114	5/14/2019	Perfluorooctanoic acid	0.053	ug/L
MW-114	5/14/2019	Perfluorobutanoic acid	0.098	ug/L
MW-114	5/14/2019	Perfluorobutane sulfonate	< 0.05	ug/L
MW-114	5/14/2019	Perfluorooctane sulfonate	< 0.015	ug/L
MW-114	5/14/2019	m-Dichlorobenzene	< 1	ug/L
MW-114	5/14/2019	Carbon tetrachloride	< 0.2	ug/L
MW-114	5/14/2019	1,1-Dichloropropene	< 1	ug/L
MW-114	5/14/2019	2,2-Dichloropropane	< 1	ug/L
MW-114	5/14/2019	Ethyl ether	19	ug/L
MW-114	5/14/2019	Methylene chloride	< 1	ug/L
MW-114	5/14/2019	Tribromomethane	< 1	ug/L
MW-114	5/14/2019	Dichlorobromomethane	< 1	ug/L
MW-114	5/14/2019	1,1-Dichloroethane	15	ug/L
MW-114	5/14/2019	1,1-Dichloroethylene	< 1	ug/L
MW-114	5/14/2019	Dichlorofluoromethane	12	ug/L
MW-114	5/14/2019	Trichlorofluoromethane	< 1	ug/L
MW-114	5/14/2019	Dichlorodifluoromethane	3	ug/L

MW-114	5/14/2019	1,1,2-Trichlorotrifluoroethane	< 1	ug/L
MW-114	5/14/2019	1,2-Dichloropropane	< 1	ug/L
MW-114	5/14/2019	Methyl ethyl ketone	< 10	ug/L
MW-114	5/14/2019	1,1,2-Trichloroethane	< 0.5	ug/L
MW-114	5/14/2019	Trichloroethylene	0.63	ug/L
MW-114	5/14/2019	1,1,2,2-Tetrachloroethane	< 0.5	ug/L
DC117	5/13/2019	Ethylbenzene	< 1	ug/L
DC117	5/13/2019	Chlorobenzene	< 1	ug/L
DC117	5/13/2019	Perfluorohexane sulfonate	0.21	ug/L
DC117	5/13/2019	Tetrahydrofuran	15	ug/L
DC117	5/13/2019	1,2,4-Trichlorobenzene	< 1	ug/L
DC117	5/13/2019	1,4-Dioxane	18	ug/L
DC117	5/13/2019	Chlorodibromomethane	< 0.5	ug/L
DC117	5/13/2019	Tetrachloroethylene	< 1	ug/L
DC117	5/13/2019	sec-Butylbenzene	< 1	ug/L
DC117	5/13/2019	1,3-Dichloropropane	< 1	ug/L
DC117	5/13/2019	cis-1,2-Dichloroethylene	3	ug/L
DC117	5/13/2019	trans-1,2-Dichloroethylene	< 1	ug/L
DC117	5/13/2019	Methyl tert-butyl ether	< 2	ug/L
DC117	5/13/2019	1,1,1,2-Tetrachloroethane	< 1	ug/L
DC117	5/13/2019	Acetone	< 20	ug/L
DC117	5/13/2019	Chloroform	< 1	ug/L
DC117	5/13/2019	Benzene	< 0.5	ug/L
DC117	5/13/2019	1,1,1-Trichloroethane	< 1	ug/L
DC117	5/13/2019	Methyl bromide	< 2	ug/L
DC117	5/13/2019	Chloromethane	< 1	ug/L
DC117	5/13/2019	Dibromomethane	< 1	ug/L
DC117	5/13/2019	Bromochloromethane	< 1	ug/L
DC117	5/13/2019	Manganese	1980	ug/L
DC117	5/13/2019	Boron	1850	ug/L
DC117	5/13/2019	Chloroethane	< 1	ug/L
DC117	5/13/2019	Vinyl chloride	0.52	ug/L
DC117	5/13/2019	1,2,3-Trichlorobenzene	< 1	ug/L
DC117	5/13/2019	Hexachlorobutadiene	< 0.5	ug/L
DC117	5/13/2019	Naphthalene	< 1	ug/L
DC117	5/13/2019	o-Xylene	< 1	ug/L
DC117	5/13/2019	o-Chlorotoluene	< 1	ug/L
DC117	5/13/2019	o-Dichlorobenzene	< 1	ug/L
DC117	5/13/2019	1,2,4-Trimethylbenzene	< 1	ug/L
DC117	5/13/2019	1,2-Dibromo-3-chloropropane	< 1	ug/L
DC117	5/13/2019	1,2,3-Trichloropropane	< 0.2	ug/L
DC117	5/13/2019	tert-Butylbenzene	< 1	ug/L
DC117	5/13/2019	Cumene	< 1	ug/L
DC117	5/13/2019	p-Isopropyltoluene	< 1	ug/L
DC117	5/13/2019	Styrene	< 1	ug/L
DC117	5/13/2019	cis-1,3-Dichloropropene	< 0.5	ug/L
DC117	5/13/2019	trans-1,3-Dichloropropene	< 0.5	ug/L
DC117	5/13/2019	n-Propylbenzene	< 1	ug/L
DC117	5/13/2019	n-Butylbenzene	< 1	ug/L
DC117	5/13/2019	p-Chlorotoluene	< 1	ug/L
DC117	5/13/2019	p-Dichlorobenzene	1.8	ug/L
DC117	5/13/2019	1,2-Dibromoethane	< 0.5	ug/L

DC117	5/13/2019	Allyl chloride	< 1	ug/L
DC117	5/13/2019	1,2-Dichloroethane	< 0.2	ug/L
DC117	5/13/2019	Methyl isobutyl ketone	< 5	ug/L
DC117	5/13/2019	1,3,5-Trimethylbenzene	< 1	ug/L
DC117	5/13/2019	Bromobenzene	< 1	ug/L
DC117	5/13/2019	Toluene	< 1	ug/L
DC117	5/13/2019	meta & para Xylene mix	< 1	ug/L
DC117	5/13/2019	Perfluoropentanoic acid	0.41	ug/L
DC117	5/13/2019	Perfluorohexanoic acid	0.53	ug/L
DC117	5/13/2019	Perfluorooctanoic acid	0.48	ug/L
DC117	5/13/2019	Perfluorobutanoic acid	0.89	ug/L
DC117	5/13/2019	Perfluorobutane sulfonate	0.068	ug/L
DC117	5/13/2019	Perfluorooctane sulfonate	0.33	ug/L
DC117	5/13/2019	m-Dichlorobenzene	< 1	ug/L
DC117	5/13/2019	Carbon tetrachloride	< 0.2	ug/L
DC117	5/13/2019	1,1-Dichloropropene	< 1	ug/L
DC117	5/13/2019	2,2-Dichloropropane	< 1	ug/L
DC117	5/13/2019	Ethyl ether	11	ug/L
DC117	5/13/2019	Methylene chloride	< 1	ug/L
DC117	5/13/2019	Tribromomethane	< 1	ug/L
DC117	5/13/2019	Dichlorobromomethane	< 1	ug/L
DC117	5/13/2019	1,1-Dichloroethane	1.6	ug/L
DC117	5/13/2019	1,1-Dichloroethylene	< 1	ug/L
DC117	5/13/2019	Dichlorofluoromethane	1.1	ug/L
DC117	5/13/2019	Trichlorofluoromethane	< 1	ug/L
DC117	5/13/2019	Dichlorodifluoromethane	< 1	ug/L
DC117	5/13/2019	1,1,2-Trichlorotrifluoroethane	< 1	ug/L
DC117	5/13/2019	1,2-Dichloropropane	< 1	ug/L
DC117	5/13/2019	Methyl ethyl ketone	< 10	ug/L
DC117	5/13/2019	1,1,2-Trichloroethane	< 0.5	ug/L
DC117	5/13/2019	Trichloroethylene	< 0.1	ug/L
DC117	5/13/2019	1,1,2,2-Tetrachloroethane	< 0.5	ug/L
DC117	5/13/2019	Dissolved oxygen (DO)	3.00	mg/L
DC117	5/13/2019	Dissolved oxygen (DO)	2.20	mg/L
DC117	5/13/2019	Dissolved oxygen (DO)	3.30	mg/L
DC117	5/13/2019	Oxidation reduction potential (ORP)	29.00	mV
DC117	5/13/2019	pH	6.81	None
DC117	5/13/2019	pH	6.87	None
DC117	5/13/2019	pH	6.80	None
DC117	5/13/2019	Specific conductance	1947.00	umho/cm
DC117	5/13/2019	Specific conductance	1966.00	umho/cm
DC117	5/13/2019	Specific conductance	1981.00	umho/cm
DC117	5/13/2019	Temperature, water	18.70	deg C
DC117	5/13/2019	Temperature, water	18.70	deg C
DC117	5/13/2019	Temperature, water	19.00	deg C
DC117	5/13/2019	Turbidity	3.80	NTU
DC118	5/13/2019	Ethylbenzene	< 1	ug/L
DC118	5/13/2019	Chlorobenzene	< 1	ug/L
DC118	5/13/2019	Perfluorohexane sulfonate	0.041	ug/L
DC118	5/13/2019	Tetrahydrofuran	< 10	ug/L
DC118	5/13/2019	1,2,4-Trichlorobenzene	< 1	ug/L
DC118	5/13/2019	1,4-Dioxane	3.2	ug/L

DC118	5/13/2019	Chlorodibromomethane	< 0.5	ug/L
DC118	5/13/2019	Tetrachloroethylene	< 1	ug/L
DC118	5/13/2019	sec-Butylbenzene	< 1	ug/L
DC118	5/13/2019	1,3-Dichloropropane	< 1	ug/L
DC118	5/13/2019	cis-1,2-Dichloroethylene	< 1	ug/L
DC118	5/13/2019	trans-1,2-Dichloroethylene	< 1	ug/L
DC118	5/13/2019	Methyl tert-butyl ether	< 2	ug/L
DC118	5/13/2019	1,1,1,2-Tetrachloroethane	< 1	ug/L
DC118	5/13/2019	Acetone	< 20	ug/L
DC118	5/13/2019	Chloroform	< 1	ug/L
DC118	5/13/2019	Benzene	< 0.5	ug/L
DC118	5/13/2019	1,1,1-Trichloroethane	< 1	ug/L
DC118	5/13/2019	Methyl bromide	< 2	ug/L
DC118	5/13/2019	Chloromethane	< 1	ug/L
DC118	5/13/2019	Dibromomethane	< 1	ug/L
DC118	5/13/2019	Bromochloromethane	< 1	ug/L
DC118	5/13/2019	Manganese	61.3	ug/L
DC118	5/13/2019	Boron	410	ug/L
DC118	5/13/2019	Chloroethane	< 1	ug/L
DC118	5/13/2019	Vinyl chloride	< 0.05	ug/L
DC118	5/13/2019	1,2,3-Trichlorobenzene	< 1	ug/L
DC118	5/13/2019	Hexachlorobutadiene	< 0.5	ug/L
DC118	5/13/2019	Naphthalene	< 1	ug/L
DC118	5/13/2019	o-Xylene	< 1	ug/L
DC118	5/13/2019	o-Chlorotoluene	< 1	ug/L
DC118	5/13/2019	o-Dichlorobenzene	< 1	ug/L
DC118	5/13/2019	1,2,4-Trimethylbenzene	< 1	ug/L
DC118	5/13/2019	1,2-Dibromo-3-chloropropane	< 1	ug/L
DC118	5/13/2019	1,2,3-Trichloropropane	< 0.2	ug/L
DC118	5/13/2019	tert-Butylbenzene	< 1	ug/L
DC118	5/13/2019	Cumene	< 1	ug/L
DC118	5/13/2019	p-Isopropyltoluene	< 1	ug/L
DC118	5/13/2019	Styrene	< 1	ug/L
DC118	5/13/2019	cis-1,3-Dichloropropene	< 0.5	ug/L
DC118	5/13/2019	trans-1,3-Dichloropropene	< 0.5	ug/L
DC118	5/13/2019	n-Propylbenzene	< 1	ug/L
DC118	5/13/2019	n-Butylbenzene	< 1	ug/L
DC118	5/13/2019	p-Chlorotoluene	< 1	ug/L
DC118	5/13/2019	p-Dichlorobenzene	< 1	ug/L
DC118	5/13/2019	1,2-Dibromoethane	< 0.5	ug/L
DC118	5/13/2019	Allyl chloride	< 1	ug/L
DC118	5/13/2019	1,2-Dichloroethane	< 0.2	ug/L
DC118	5/13/2019	Methyl isobutyl ketone	< 5	ug/L
DC118	5/13/2019	1,3,5-Trimethylbenzene	< 1	ug/L
DC118	5/13/2019	Bromobenzene	< 1	ug/L
DC118	5/13/2019	Toluene	< 1	ug/L
DC118	5/13/2019	meta & para Xylene mix	< 1	ug/L
DC118	5/13/2019	Perfluoropentanoic acid	0.063	ug/L
DC118	5/13/2019	Perfluorohexanoic acid	0.041	ug/L
DC118	5/13/2019	Perfluorooctanoic acid	0.059	ug/L
DC118	5/13/2019	Perfluorobutanoic acid	0.093	ug/L
DC118	5/13/2019	Perfluorobutane sulfonate	0.007	ug/L

DC118	5/13/2019	Perfluorooctane sulfonate	0.038	ug/L
DC118	5/13/2019	m-Dichlorobenzene	< 1	ug/L
DC118	5/13/2019	Carbon tetrachloride	< 0.2	ug/L
DC118	5/13/2019	1,1-Dichloropropene	< 1	ug/L
DC118	5/13/2019	2,2-Dichloropropane	< 1	ug/L
DC118	5/13/2019	Ethyl ether	< 1	ug/L
DC118	5/13/2019	Methylene chloride	< 1	ug/L
DC118	5/13/2019	Tribromomethane	< 1	ug/L
DC118	5/13/2019	Dichlorobromomethane	< 1	ug/L
DC118	5/13/2019	1,1-Dichloroethane	< 1	ug/L
DC118	5/13/2019	1,1-Dichloroethylene	< 1	ug/L
DC118	5/13/2019	Dichlorofluoromethane	< 1	ug/L
DC118	5/13/2019	Trichlorofluoromethane	< 1	ug/L
DC118	5/13/2019	Dichlorodifluoromethane	< 1	ug/L
DC118	5/13/2019	1,1,2-Trichlorotrifluoroethane	< 1	ug/L
DC118	5/13/2019	1,2-Dichloropropane	< 1	ug/L
DC118	5/13/2019	Methyl ethyl ketone	< 10	ug/L
DC118	5/13/2019	1,1,2-Trichloroethane	< 0.5	ug/L
DC118	5/13/2019	Trichloroethylene	< 0.1	ug/L
DC118	5/13/2019	1,1,2,2-Tetrachloroethane	< 0.5	ug/L
DC118	5/13/2019	Dissolved oxygen (DO)	1.20	mg/L
DC118	5/13/2019	Dissolved oxygen (DO)	1.50	mg/L
DC118	5/13/2019	Dissolved oxygen (DO)	1.80	mg/L
DC118	5/13/2019	Oxidation reduction potential (ORP)	72.00	mV
DC118	5/13/2019	pH	6.91	None
DC118	5/13/2019	pH	7.00	None
DC118	5/13/2019	pH	6.96	None
DC118	5/13/2019	Specific conductance	997.00	umho/cm
DC118	5/13/2019	Specific conductance	978.00	umho/cm
DC118	5/13/2019	Specific conductance	1070.00	umho/cm
DC118	5/13/2019	Temperature, water	14.80	deg C
DC118	5/13/2019	Temperature, water	14.80	deg C
DC118	5/13/2019	Temperature, water	14.80	deg C
DC118	5/13/2019	Turbidity	1.80	NTU
DC119	5/13/2019	Ethylbenzene	< 1	ug/L
DC119	5/13/2019	Chlorobenzene	< 1	ug/L
DC119	5/13/2019	Perfluorohexane sulfonate	0.025	ug/L
DC119	5/13/2019	Tetrahydrofuran	< 10	ug/L
DC119	5/13/2019	1,2,4-Trichlorobenzene	< 1	ug/L
DC119	5/13/2019	1,4-Dioxane	1	ug/L
DC119	5/13/2019	Chlorodibromomethane	< 0.5	ug/L
DC119	5/13/2019	Tetrachloroethylene	< 1	ug/L
DC119	5/13/2019	sec-Butylbenzene	< 1	ug/L
DC119	5/13/2019	1,3-Dichloropropane	< 1	ug/L
DC119	5/13/2019	cis-1,2-Dichloroethylene	< 1	ug/L
DC119	5/13/2019	trans-1,2-Dichloroethylene	< 1	ug/L
DC119	5/13/2019	Methyl tert-butyl ether	< 2	ug/L
DC119	5/13/2019	1,1,1,2-Tetrachloroethane	< 1	ug/L
DC119	5/13/2019	Acetone	< 20	ug/L
DC119	5/13/2019	Chloroform	< 1	ug/L
DC119	5/13/2019	Benzene	< 0.5	ug/L
DC119	5/13/2019	1,1,1-Trichloroethane	< 1	ug/L

DC119	5/13/2019	Methyl bromide	< 2	ug/L
DC119	5/13/2019	Chloromethane	< 1	ug/L
DC119	5/13/2019	Dibromomethane	< 1	ug/L
DC119	5/13/2019	Bromochloromethane	< 1	ug/L
DC119	5/13/2019	Manganese	< 10	ug/L
DC119	5/13/2019	Boron	234	ug/L
DC119	5/13/2019	Chloroethane	< 1	ug/L
DC119	5/13/2019	Vinyl chloride	< 0.05	ug/L
DC119	5/13/2019	1,2,3-Trichlorobenzene	< 1	ug/L
DC119	5/13/2019	Hexachlorobutadiene	< 0.5	ug/L
DC119	5/13/2019	Naphthalene	< 1	ug/L
DC119	5/13/2019	o-Xylene	< 1	ug/L
DC119	5/13/2019	o-Chlorotoluene	< 1	ug/L
DC119	5/13/2019	o-Dichlorobenzene	< 1	ug/L
DC119	5/13/2019	1,2,4-Trimethylbenzene	< 1	ug/L
DC119	5/13/2019	1,2-Dibromo-3-chloropropane	< 1	ug/L
DC119	5/13/2019	1,2,3-Trichloropropane	< 0.2	ug/L
DC119	5/13/2019	tert-Butylbenzene	< 1	ug/L
DC119	5/13/2019	Cumene	< 1	ug/L
DC119	5/13/2019	p-Isopropyltoluene	< 1	ug/L
DC119	5/13/2019	Styrene	< 1	ug/L
DC119	5/13/2019	cis-1,3-Dichloropropene	< 0.5	ug/L
DC119	5/13/2019	trans-1,3-Dichloropropene	< 0.5	ug/L
DC119	5/13/2019	n-Propylbenzene	< 1	ug/L
DC119	5/13/2019	n-Butylbenzene	< 1	ug/L
DC119	5/13/2019	p-Chlorotoluene	< 1	ug/L
DC119	5/13/2019	p-Dichlorobenzene	< 1	ug/L
DC119	5/13/2019	1,2-Dibromoethane	< 0.5	ug/L
DC119	5/13/2019	Allyl chloride	< 1	ug/L
DC119	5/13/2019	1,2-Dichloroethane	< 0.2	ug/L
DC119	5/13/2019	Methyl isobutyl ketone	< 5	ug/L
DC119	5/13/2019	1,3,5-Trimethylbenzene	< 1	ug/L
DC119	5/13/2019	Bromobenzene	< 1	ug/L
DC119	5/13/2019	Toluene	< 1	ug/L
DC119	5/13/2019	meta & para Xylene mix	< 1	ug/L
DC119	5/13/2019	Perfluoropentanoic acid	0.011	ug/L
DC119	5/13/2019	Perfluorohexanoic acid	0.009	ug/L
DC119	5/13/2019	Perfluorooctanoic acid	< 0.035	ug/L
DC119	5/13/2019	Perfluorobutanoic acid	0.042	ug/L
DC119	5/13/2019	Perfluorobutane sulfonate	< 0.05	ug/L
DC119	5/13/2019	Perfluorooctane sulfonate	0.015	ug/L
DC119	5/13/2019	m-Dichlorobenzene	< 1	ug/L
DC119	5/13/2019	Carbon tetrachloride	< 0.2	ug/L
DC119	5/13/2019	1,1-Dichloropropene	< 1	ug/L
DC119	5/13/2019	2,2-Dichloropropane	< 1	ug/L
DC119	5/13/2019	Ethyl ether	< 1	ug/L
DC119	5/13/2019	Methylene chloride	< 1	ug/L
DC119	5/13/2019	Tribromomethane	< 1	ug/L
DC119	5/13/2019	Dichlorobromomethane	< 1	ug/L
DC119	5/13/2019	1,1-Dichloroethane	< 1	ug/L
DC119	5/13/2019	1,1-Dichloroethylene	< 1	ug/L
DC119	5/13/2019	Dichlorofluoromethane	1.8	ug/L

DC119	5/13/2019	Trichlorofluoromethane	< 1	ug/L
DC119	5/13/2019	Dichlorodifluoromethane	< 1	ug/L
DC119	5/13/2019	1,1,2-Trichlorotrifluoroethane	< 1	ug/L
DC119	5/13/2019	1,2-Dichloropropane	< 1	ug/L
DC119	5/13/2019	Methyl ethyl ketone	< 10	ug/L
DC119	5/13/2019	1,1,2-Trichloroethane	< 0.5	ug/L
DC119	5/13/2019	Trichloroethylene	< 0.1	ug/L
DC119	5/13/2019	1,1,2,2-Tetrachloroethane	< 0.5	ug/L
DC119	5/13/2019	Dissolved oxygen (DO)	4.50	mg/L
DC119	5/13/2019	Dissolved oxygen (DO)	3.70	mg/L
DC119	5/13/2019	Dissolved oxygen (DO)	4.20	mg/L
DC119	5/13/2019	Oxidation reduction potential (ORP)	166.00	mV
DC119	5/13/2019	pH	7.05	None
DC119	5/13/2019	pH	7.07	None
DC119	5/13/2019	pH	7.20	None
DC119	5/13/2019	Specific conductance	1270.00	umho/cm
DC119	5/13/2019	Specific conductance	1258.00	umho/cm
DC119	5/13/2019	Specific conductance	1249.00	umho/cm
DC119	5/13/2019	Temperature, water	16.40	deg C
DC119	5/13/2019	Temperature, water	16.40	deg C
DC119	5/13/2019	Temperature, water	16.30	deg C
DC119	5/13/2019	Turbidity	1.30	NTU