April 29, 2019

Mr. Todd Hall
Voluntary Site Remediation Unit B
Remedial Project Management Section
Division of Remediation Management
1021 North Grand Ave East
P.O. Box 19276
Springfield, IL 62794-9276

Subject: Groundwater Monitoring Summary
Fourth Quarter 2018 Sampling Event
Champaign Former MGP Site, Champaign, Illinois

Dear Mr. Hall:

On behalf of Ameren Illinois, Environmental Resources Management, Inc. (ERM) has completed the fourth quarter 2018 groundwater sampling event at the Champaign Former Manufactured Gas Plant (FMGP) Site (Site), located at 308 N. 5th Street in Champaign, Illinois. This report summarizes the field data and analytical results for the quarterly groundwater monitoring event conducted in December 2018. Additionally, a summary discussion is provided for the three quarterly groundwater sampling events that were completed in 2018.

INTRODUCTION

Groundwater sampling activities for the fourth quarter 2018 monitoring event were conducted from December 3 through 5. During the sampling event, groundwater samples were collected from 28 monitoring wells: which include seven on-site monitoring wells and 21 off-site monitoring wells.

The depth to groundwater was initially measured at each monitoring well location upon arrival. Groundwater was purged from the monitoring wells using the dedicated bladder pumps until water quality instrumentation indicated that measured parameters had stabilized. Upon stabilization, water samples were collected in containers provided by the laboratory and placed in ice-filled coolers pending delivery to the analytical laboratory.

Groundwater samples were analyzed for the following MGP-related compounds: the volatile organic compounds benzene, toluene, ethylbenzene, and total xylenes (BTEX); polynuclear aromatic hydrocarbons (PAHs); total cyanide; and total RCRA metals. Laboratory analytical services were provided by Teklab, Inc. (Teklab) of Collinsville, Illinois.

Groundwater level measurement data for the fourth quarter 2018 sampling event is provided in Table 1. Information on the table includes measurements of depth to water below each well's measuring point (MP), and calculated groundwater elevation. Groundwater elevation contour maps for the shallow groundwater unit (represented by the 100 series wells) and the intermediate depth groundwater unit (300 series wells) are provided on Figures 1 and 2, respectively.

The analytical results for groundwater samples collected during this event are summarized in Table 2. The concentrations detected in samples that exceed an applicable Illinois Environmental Protection Agency (IEPA) groundwater standard are highlighted. The monitoring well locations where sample results exceeded a standard are shown on Figure 3. The laboratory analytical report prepared by Teklab is provided in Attachment 1. Quality assurance samples collected during the event included duplicates, matrix spike and matrix spike duplicates, an equipment blank, and a trip blank. Blind duplicates were collected from shallow monitoring well locations UMW-107R and UMW-124, and from intermediate monitoring well UMW-302. The three duplicate samples were identified on the chain of custody and laboratory analytical report as DUP 001 through DUP 003. Duplicate sample results are shown on Table 2 adjacent to the primary samples. A summary of the results of data validation is included with the analytical report in Attachment 1.

GROUNDWATER MONITORING RESULTS – 4th Quarter 2018

Groundwater Levels

The measured depth to groundwater and elevations at the Champaign FMGP Site for the December 2018 sampling event are shown on Table 1. The depth to groundwater in the shallow monitoring wells ranged from 1.12 to 9.00 feet below MP. The shallowest occurrence of groundwater occurred at the on-site monitoring well locations, with depths ranging from 1.12 to 3.45 feet below MP.

As shown on Figure 1, the shallow groundwater at the FMGP Site flows in a radial pattern from the Site. This groundwater flow pattern is consistent with historical groundwater level surveys conducted at the Site. The groundwater gradient for the shallow groundwater zone during December 2018 ranged from 0.012 to 0.026 foot per foot (ft/ft).

The depths to groundwater in the nine intermediate monitoring wells, which monitor the intermediate groundwater unit, ranged from 26.78 to 29.28 feet below MP. As shown on Figure 2, the intermediate groundwater flow direction is generally linear towards the southeast, with a groundwater gradient of approximately 0.002 ft/ft.

Analytical Results

Figure 3 summarizes the monitoring well locations where constituents detected in samples collected during the December 2018 sampling event exceeded a remediation objective (RO). Groundwater sample results were compared to the IEPA Title 35 Part 742 Tiered Approach to Correction Action Objectives (TACO) for the Tier 1 Groundwater Ingestion ROs for Class I or Class II groundwater, and the Tier 1 Groundwater ROs for the Indoor Inhalation Exposure Route – Diffusion and Advection for Residential Properties. The shallow groundwater unit is classified as Class II groundwater, and the lower intermediate unit is classified as Class I groundwater.

Three of the 28 monitoring wells sampled in the fourth quarter 2018 had at least one MGP-related constituent exceeding a respective Class I or II standard. Benzene concentrations reported in two onsite shallow wells, UMW-124 and UMW-126, exceeded the Class II groundwater standard. The benzene and ethylbenzene concentrations reported in the sample collected from the offsite intermediate well UMW-302 exceeded the Class I groundwater ingestion ROs. The benzene and ethylbenzene concentrations reported at UMW-302 also exceed the groundwater ROs for indoor inhalation. Analytical results for the groundwater samples collected from the other 17 shallow and eight intermediate-depth monitoring wells located within or surrounding the FMGP Site were all below the applicable standards during the December 2018 event.

Total metals and cyanide concentrations detected in groundwater samples did not exceed their respective groundwater standards in any of the onsite or offsite monitoring wells.

Benzene concentrations of 0.0703 and 0.0664 milligrams per liter (mg/L) were reported in the primary and duplicate samples collected from shallow onsite monitoring well UMW-124. A benzene concentration of 0.0261 mg/L was reported in the sample collected from monitoring well UMW-126. The Class II groundwater ingestion RO for benzene is 0.025 mg/L.

At the offsite monitoring well location UMW-302, screened in the intermediate groundwater unit, benzene and ethylbenzene were detected at concentrations exceeding the ROs for the Class I groundwater ingestion and the indoor inhalation exposure pathway. Benzene concentrations of 0.526 and 0.511 mg/L, and ethylbenzene concentrations of 0.832 and 0.886 mg/L were detected in the primary and duplicate samples collected at this location. The ROs for Class I groundwater ingestion for benzene and ethylbenzene are 0.005 and 0.700 mg/L, respectively. The groundwater ROs for benzene and ethylbenzene for the indoor inhalation exposure route is 0.11 and 0.37 mg/L, respectively.

Other Site Activities Completed in 2018

Other activities that were completed at the Site in association with the groundwater sampling events included a site cleanup, well and pump maintenance, and management of purge water for disposal. These activities are discussed in the following sections.

Site Cleanup

During the initial groundwater sampling event completed in June 2018, 55-gallon drums containing purge water and miscellaneous solid debris were observed on-site in the vicinity of the eastern entrance gate. A separate field mobilization was completed in August 2018 to consolidate the wastewater into 300-gallon plastic totes, and transfer the solid wastes to a rolloff container. The items managed for disposal during this event included: open top drums containing purge water from previous sampling events; wooden air monitoring platforms from the previous remedial action; pallets with bags of bentonite and cellulose (Concover) material; and miscellaneous bags of trash. The bags of cellulose and bentonite were split and decayed due to UV exposure, and were not salvageable.

The contents of the 55-gallon drums were transferred to the plastic totes, and the empty drums were then placed in the rolloff container with the other solid debris. The rolloff container was transferred for disposal at the Republic Services landfill facility located in Danville Illinois.

Approximately 750 gallons of wastewater was transferred from the 55-gallon drums into the four 300-gallon totes that were staged at the Site. The wastewater was managed for disposal under the permit with the Urbana and Champaign Sewer District (USCD).

Monitoring Well and Pump Maintenance

Following the completion of the June 2018 sampling event, the monitoring wells and pumps were inspected. The dedicated bladder pumps were removed from the wells, and the pumps, tubing and couplings were checked. The base of the monitoring well was probed with the water level meter to evaluate sediment accumulation. Where required, a positive displacement pump was used to redevelop the well screens and remove sediment accumulations from the base of the well. The pump tubing and couplings were replaced at all well locations during the August 2018

field mobilization. A new pump was installed at the UMW-122 well location prior to the September sampling event.

Management of Purge Water

Purge water that was collected from the monitoring wells during the groundwater sampling events were containerized in a 300-gallon plastic tote. The purge water is managed for disposal under the UCSD discharge permit. Approximately 250 gallons of wastewater was generated during the June and September groundwater sampling events, and well development activities completed in August 2018. This volume of water was included with the water that was consolidated for disposal during the site cleanup activities completed in August. Approximately 100 gallons of purge water was generated for disposal during the December 2018 sampling event.

CONCLUSIONS

Shallow Groundwater Unit

Based on the data collected during the three groundwater sampling events completed in 2018, the only monitoring wells screened in the shallow groundwater unit where concentrations in samples exceeded the TACO groundwater standards were on-site monitoring wells UMW-124 and UMW-126. Benzene was the only constituent detected in these samples that exceeded a Class II groundwater ingestion RO. No other groundwater standards for organic (BTEX and PAHs) or inorganic (cyanide or RCRA metals) constituents were exceeded in samples collected from the other monitoring wells screened in the shallow groundwater unit. There were no exceedances of groundwater standards reported in samples collected from off-site monitoring wells during 2018.

Intermediate Groundwater Unit

The intermediate groundwater unit, as represented by the eight 300-series wells screened in the lower sand unit, had no confirmed exceedances of a groundwater standard except for off-site monitoring well UMW-302, located south of the Site. Benzene, ethylbenzene, and naphthalene were detected at concentrations exceeding the Class I groundwater ingestion, and groundwater indoor inhalation ROs during the sampling events completed in 2018.

The lower groundwater unit is separated from the shallow groundwater unit by the 20-foot thick silty clay unit present at an approximate depth between 20 and 40 feet below land surface. The isolation of the lower groundwater unit from the shallow groundwater unit is evident in the difference in groundwater elevations between the 100- and 300-series monitoring wells (refer to Table 1, and Figures 1 and 2). Furthermore, no detections of constituents or exceedances of similar standards were reported in the co-located shallow monitoring well (UMW-121) that is adjacent to UMW-302.

Data Trends

The analytical results from the sampling events completed during the two-year period between December 2016 and December 2018 are shown in Table 3. Graphical representations of benzene and naphthalene concentrations in monitoring wells UMW-107(R), UMW-124, UMW-126 and UMW-302 are shown on Figures 4A through 4D for reference.

Analytical results from the three groundwater sampling events that were completed in calendar year 2018 document stabilized or decreasing concentrations for key parameters. Slight variations in the data may be attributable to seasonal changes, precipitation amounts in the period preceding

sampling events, and other localized trends. Other than the occasional anomalous exceedances at other monitoring well locations (cyanide at UMW-107R in March 2017, and benzene at onsite monitoring well UMW-125 in October 2017), the concentrations exceeding TACO groundwater standards are limited to shallow on-site monitoring wells UMW 124 and UMW-126, and off-site intermediate monitoring well UMW-302. The list of analytes detected at a concentration exceeding a groundwater standard are limited to benzene, ethylbenzene and naphthalene.

The next quarterly groundwater sampling event is scheduled to be completed in March 2019. Should you have any questions about the material presented in this summary letter, please contact us at your convenience.

Sincerely,

Dave Palmer, PG, PMP, EVMP
Manager, Remediation Projects
Ameren Services

Figures

DRAWN BY: Kara Batdorff

FILE: M:\Projects\0466251_Ameren_Champaign\Maps\Dec GWM\Figure 1 Dec 18 Water Levels.mxd, REVISED: 02/19/2019 , SCALE: 1:1,015 when printed at 11x17

E Washington St

E Hill St

N 6Th St

N 5Th St

E Church St

UMW-111A
728.86

UMW-120
732.97

UMW-109
729.60

UMW-119
733.22

UMW-118
730.30

UMW-102
732.62

UMW-108
733.16

UMW-125
734.47

UMW-127
734.81

UMW-117
732.25

UMW-126
734.49

UMW-107R
731.62

UMW-116
732.33

UMW-124
734.50

UMW-121
731.65

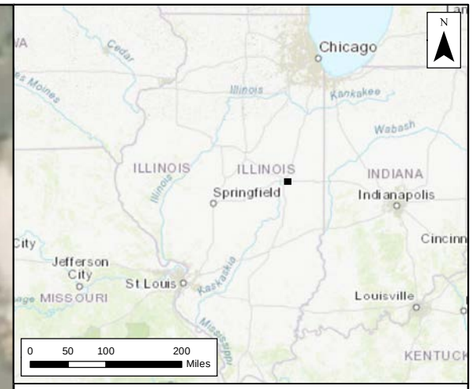
UMW-106R
731.56

UMW-105
730.23

UMW-122
729.99

UMW-123
730.64

730 730 731 732 733 733 734 733 732 731 731 731



Legend

- Shallow Monitoring Well with December 2018 Groundwater Elevation
- December 2018 Potentiometric Surface Contour
- Site Boundary

Notes:
All water levels in feet above mean sea level.

N

0 80 160
Feet

Figure 1
Shallow Groundwater Elevation Contours
December 2018
Ameren Services
Champaign, Illinois

Environmental Resources Management
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ERM

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FILE: M:\Projects\0466251_Ameren_Champaign\Maps\Dec GWM\Figure 2 Dec18 Intermediate Water Levels.mxd, REVISED: 02/19/2019, SCALE: 1:1,200 when printed at 11x17

E Washington St

E Washington St

N 6Th St

N 5Th St

E Hill St

N 4Th St

E Church St

UMW-300
709.79

UMW-301R
709.31

UMW-303
710.10

UMW-304R
709.36

UMW-305
709.17

UMW-306
709.08

UMW-307
709.06

UMW-308
709.26

UMW-302
709.30

709.7

709.6

709.5

709.4

709.3

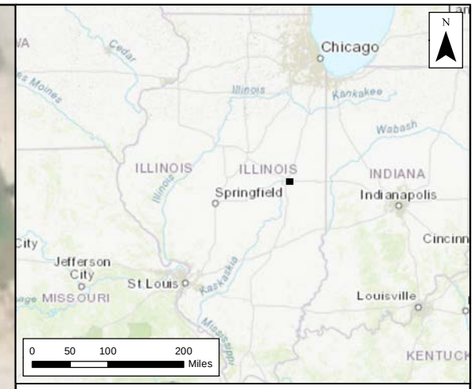
709.2

709.1

709.8

709.9

710



Legend

- Intermediate Monitoring Well with December 2018 Groundwater Elevation
- December 2018 Potentiometric Surface Contour
- Site Boundary

Notes:
All water levels in feet above mean sea level.

N

0 100 200
Feet

Figure 2
Intermediate Groundwater Elevation Contours
December 2018
Ameren Services
Champaign, Illinois

Environmental Resources Management
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FILE: M:\Projects\0466251_Ameren_Champaign\Maps\Dec GWM\Figure 3 Dec Exceedences.mxd REVISED: 02/27/2019 , SCALE: 1:1,200 when printed at 11x17

E Washington St

E Washington St

N 6Th St

N 5Th St

E Hill St

N 4Th St

E Church St

N 6Th St

UMW-300

UMW-120

UMW-109

UMW-119

UMW-118

UMW-102

UMW-108

UMW-125

UMW-304R

UMW-127

UMW-301R

UMW-117

UMW-303

UMW-107R

UMW-116

UMW-124
Benzene: 0.0703 /0.0664

UMW-126
Benzene: 0.0261

UMW-303

UMW-305

UMW-121

UMW-302
Benzene: 0.526 / 0.511
Ethylbenzene: 0.832 / 0.886

UMW-106R

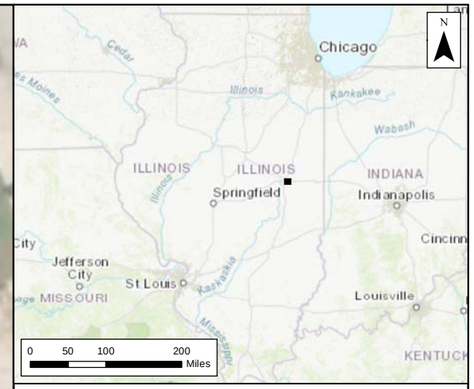
UMW-105

UMW-122

UMW-123

UMW-306

UMW-307



Legend

- Shallow Monitoring Well with Exceedance
- Intermediate Monitoring Well with Exceedence
- Shallow Monitoring Well with No Exceedances
- Intermediate Monitoring Well with No Exceedences
- Site Boundary

Notes:
All results in milligrams per liter (mg/L).
Only results that exceeded the Class I (Intermediate) or Class II (Shallow or Intermediate) Groundwater standards are listed.
0.62/0.63 - Primary Result/Field Duplicate Result

N

0 100 200
Feet

Figure 3
Class I and II Groundwater Standard Exceedances
December 2018
Ameren Services
Champaign, Illinois

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FIGURE 4A
Benzene and Naphthalene Concentration Trends in Wells Exceeding Groundwater Standards

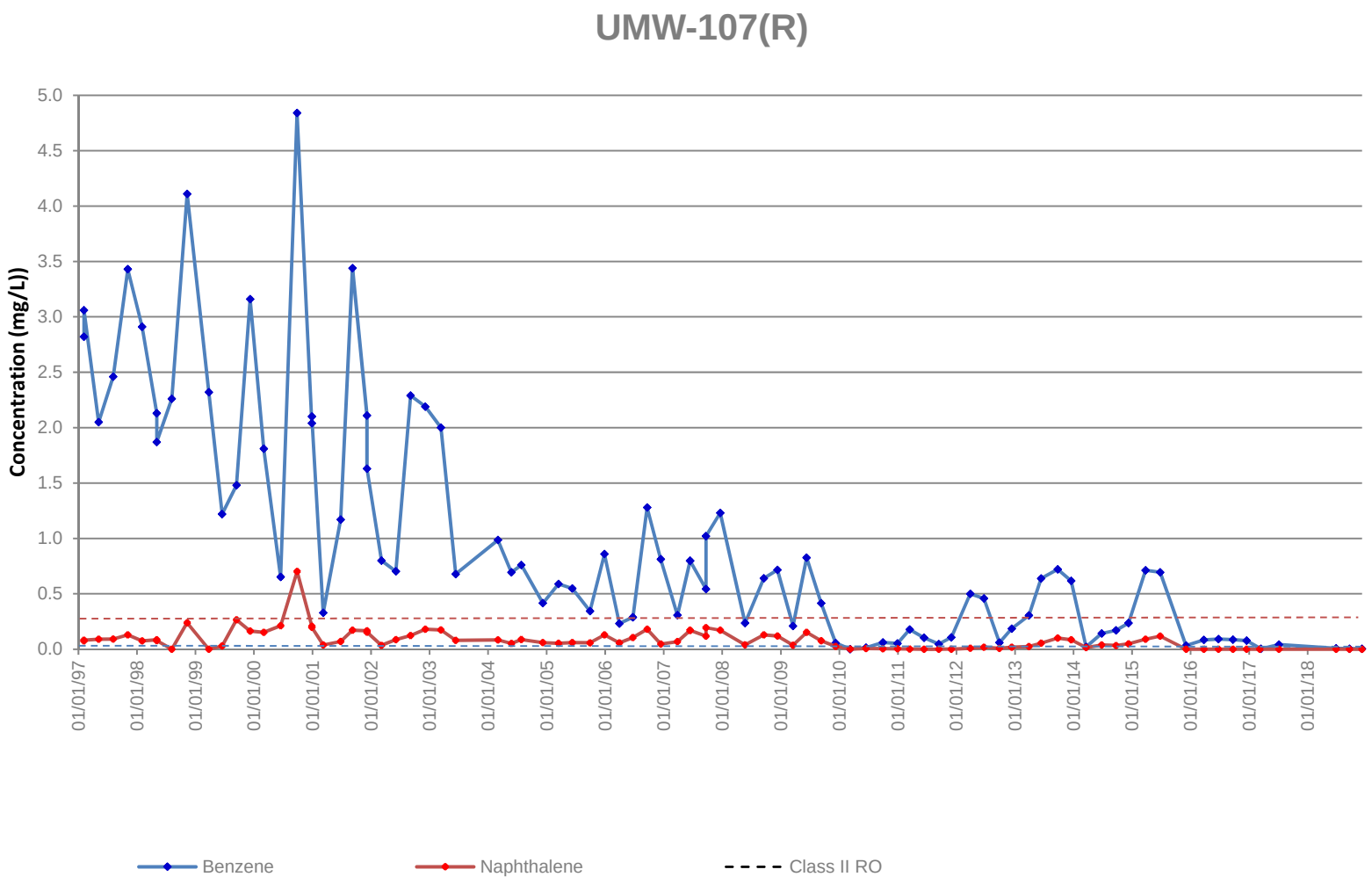


FIGURE 4A
Benzene and Naphthalene Concentration Trends in Wells Exceeding Groundwater Standards

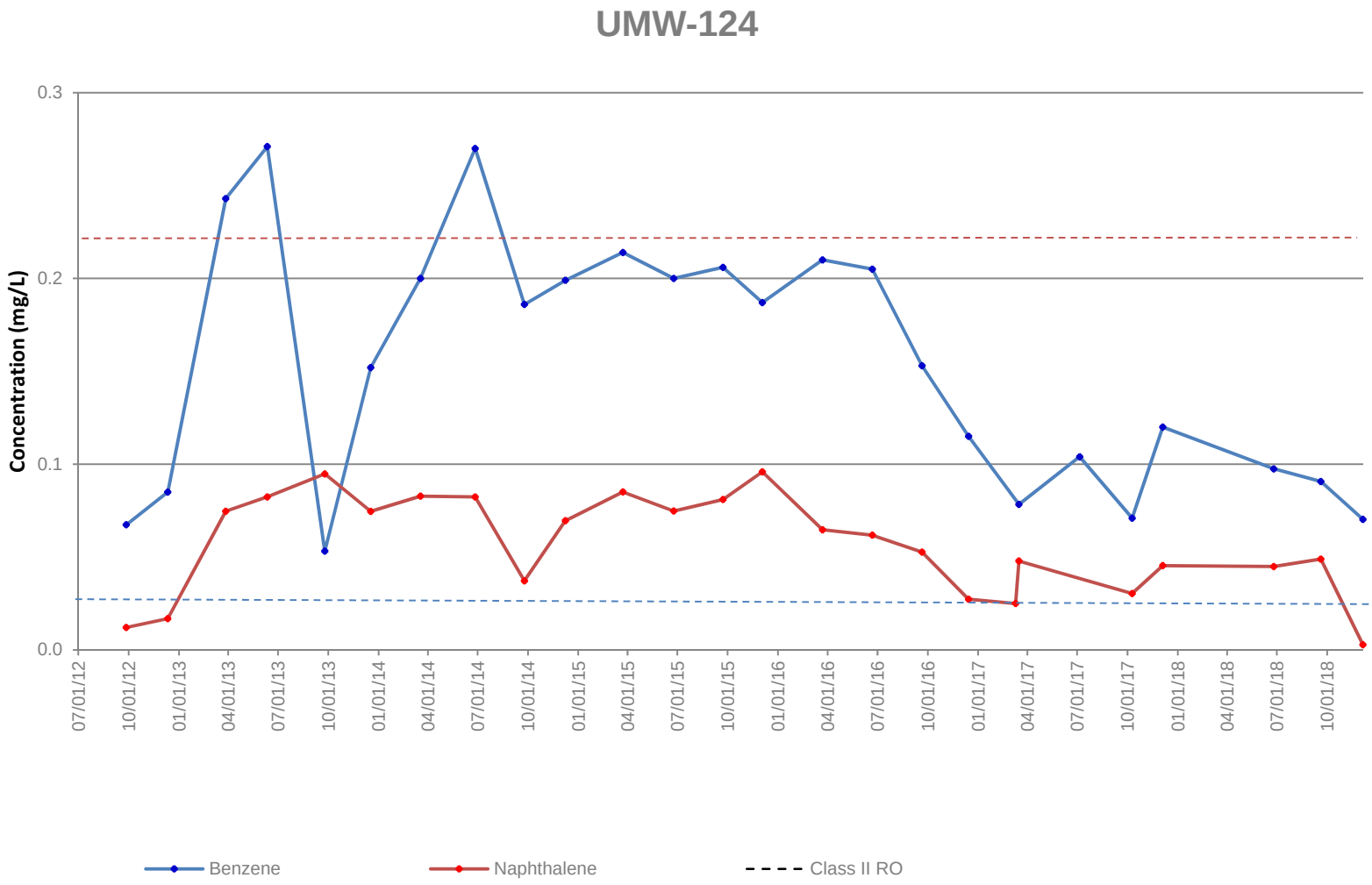


FIGURE 4A
Benzene and Naphthalene Concentration Trends in Wells Exceeding Groundwater Standards

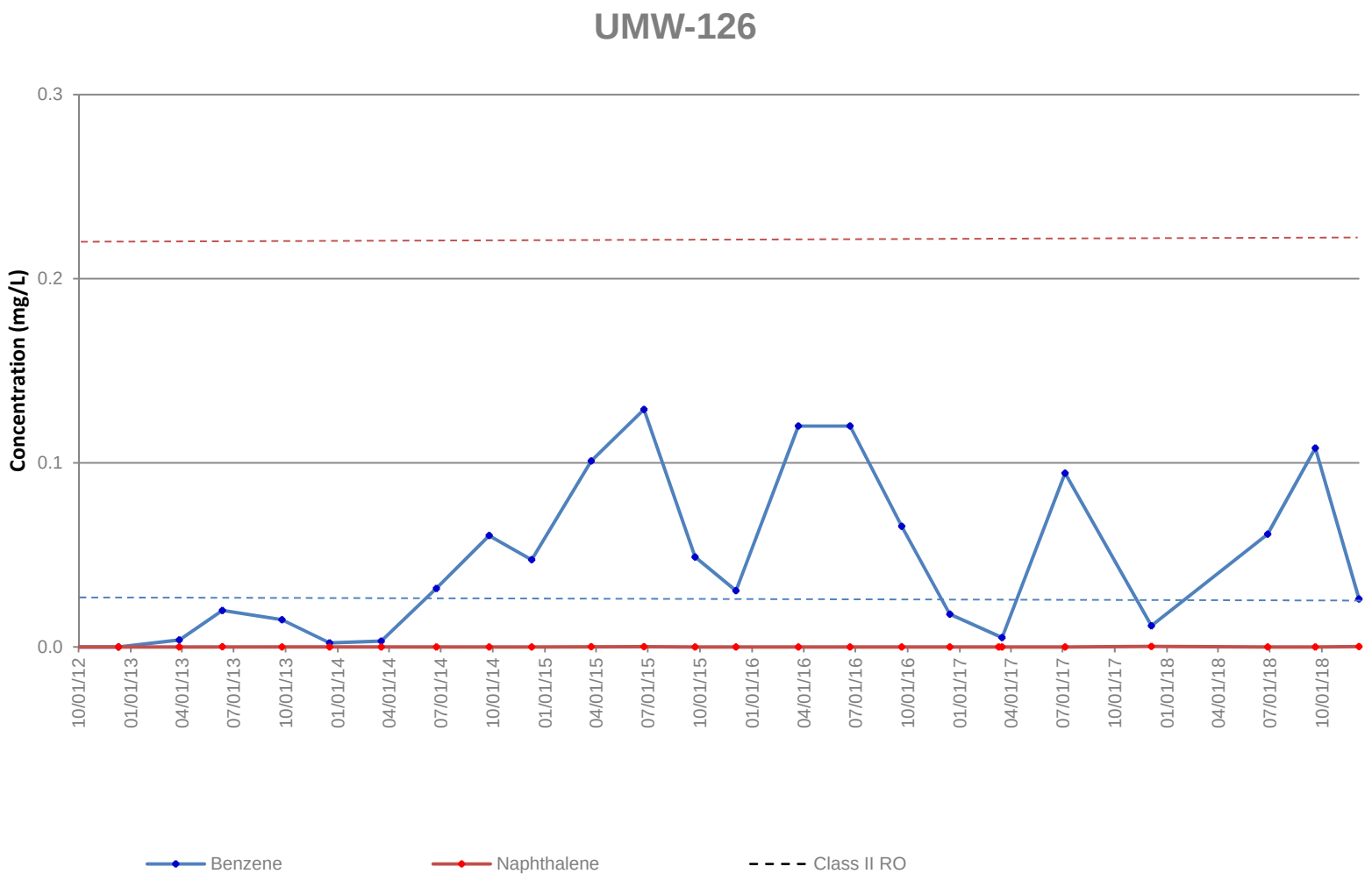
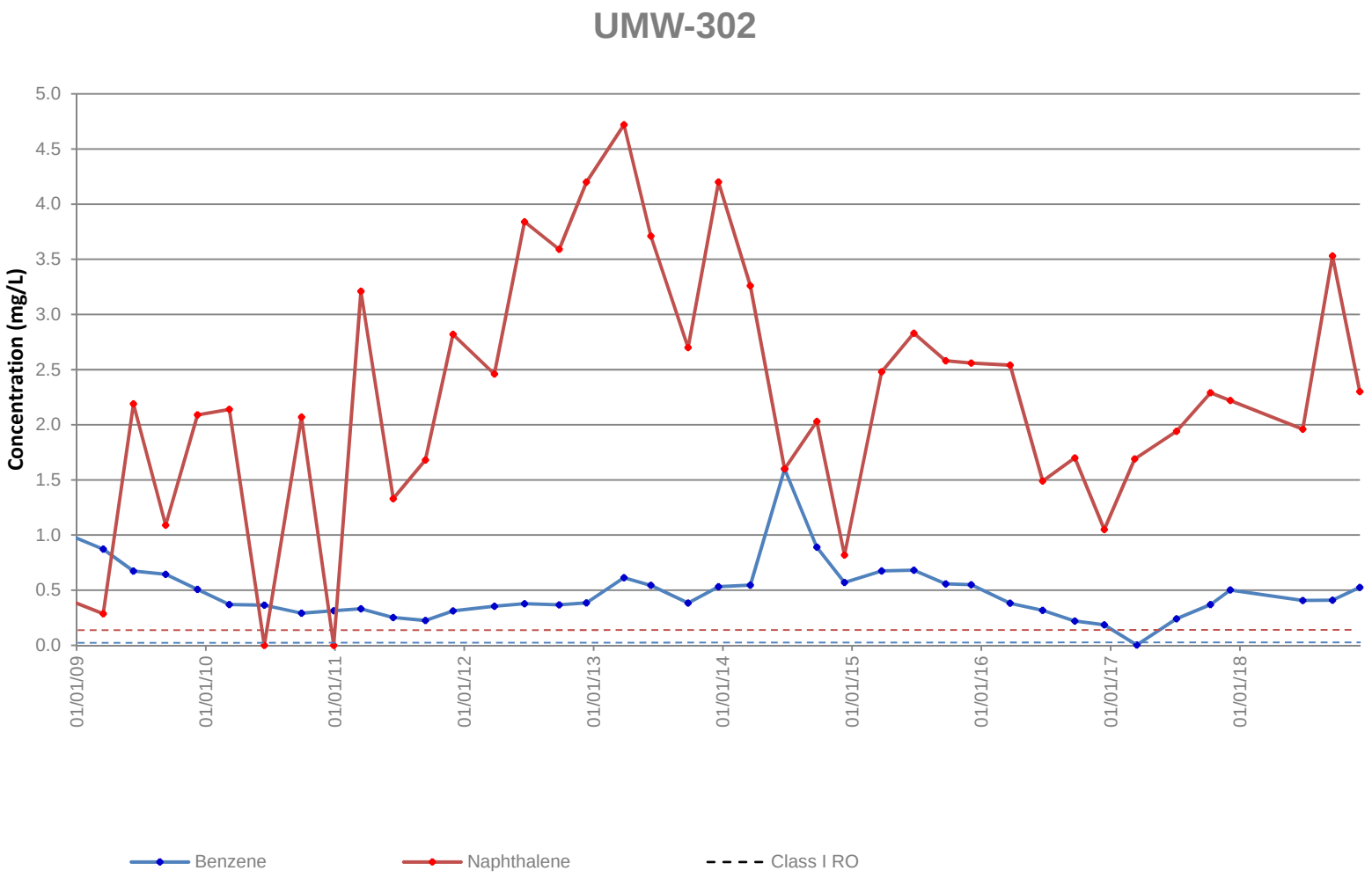


FIGURE 4A
Benzene and Naphthalene Concentration Trends in Wells Exceeding Groundwater Standards



Tables

TABLE 1

Groundwater Measurement Data
December 2018
Ameren - Champaign FMGP Site
Champaign, Illinois

Monitoring Well Number	Total Depth (feet)	Monitored Interval feet BLS)	Elevation (feet NGVD)		December 2018		
			Measuring Point (MP)	Land Surface (LS)	WL Below MP (feet)	Elevation (feet NGVD)	Purge Vol (Liters)
UMW-102	22.00	6.70 - 22.0	737.32	737.70	4.70	732.62	9.5
UMW-105	19.70	9.50 - 19.70	737.33	737.70	7.10	730.23	12.3
UMW-106R	17.00	7.00 - 17.00	737.18	737.43	5.62	731.56	9.1
UMW-107R	19.70	9.50 - 19.70	736.88	737.30	5.26	731.62	5.7
UMW-108	15.00	4.80 - 15.00	736.86	737.10	3.70	733.16	9.5
UMW-109	20.00	10.00 - 20.00	735.11	735.50	5.51	729.60	5.7
UMW-111A	22.80	9.00 - 22.80	736.71	737.00	7.85	728.86	6.4
UMW-116	20.00	10.00 - 20.00	736.23	736.50	3.90	732.33	8.5
UMW-117	15.00	5.00 - 15.00	737.53	737.81	5.28	732.25	6.6
UMW-118	15.00	5.00 - 15.00	736.20	736.43	5.90	730.30	12.3
UMW-119	15.00	5.00 - 15.00	736.80	737.09	3.30	733.50	5.7
UMW-120	15.00	5.00 - 15.00	737.02	737.53	4.05	732.97	11.4
UMW-121	15.00	5.00 - 15.00	738.46	738.80	6.52	731.94	9.5
UMW-122	19.75	5.00 - 15.00	739.15	739.44	9.00	730.15	5.7
UMW-123	15.89	5.89 - 15.89	737.24	737.53	6.60	730.64	18.9
UMW-124 *	15.27	4.97 - 15.02	737.10	737.28	2.60	734.50	13.2
UMW-125 *	15.33	5.06 - 15.11	737.92	738.05	3.45	734.47	11.9
UMW-126 *	15.40	5.13 - 15.18	736.38	736.55	1.89	734.49	5.7
UMW-127 *	15.38	5.11 - 15.16	735.93	736.14	1.12	734.81	5.7
UMW-300	45.00	35.00 - 45.00	736.57	736.79	26.78	709.79	8.5
UMW-301R *	46.65	36.50 - 46.05	736.11	736.20	26.80	709.31	13.2
UMW-302	45.00	35.00 - 45.00	738.58	738.88	29.28	709.30	10.4
UMW-303	45.00	35.00 - 45.00	737.05	737.38	26.95	710.10	12.5
UMW-304R *	46.16	36.01 - 45.56	736.48	736.72	27.12	709.36	12.1
UMW-305	45.00	35.00 - 45.00	737.51	737.74	28.34	709.17	9.5
UMW-306	47.00	37.00 - 47.00	736.90	737.18	27.82	709.08	5.7
UMW-307	47.00	37.00 - 47.00	736.92	737.19	27.86	709.06	10.4
UMW-308 *	45.29	35.14 - 44.69	737.21	737.39	27.95	709.26	11.4

Notes:

*	Onsite monitoring well location
R	Replacement monitoring well.
BLS	Below land surface.
NGVD	National Geodetic Vertical Datum

TABLE 2
Summary of Analytical Results
December 2018
Ameren - Champaign FMGP Site
Champaign , Illinois

			Location Group	**Shallow Wells (Class 2 Groundwater Ingestion)**														
			Location ID	**UMW-102**	**UMW-105**	**UMW-106R**	**UMW-107R**	**DUP 001**	**UMW-108**	**UMW-109**	**UMW-111A**	**UMW-116**	**UMW-117**	**UMW-118**	**UMW-119**	**UMW-120**	**UMW-121**	**UMW-122**	**UMW-123**
			Sample Date	**12/03/2018**	**12/05/2018**	**12/04/2018**	**12/05/2018**	**12/05/2018**	**12/04/2018**	**12/04/2018**	**12/03/2018**	**12/04/2018**	**12/04/2018**	**12/04/2018**	**12/03/2018**	**12/03/2018**	**12/05/2018**	**12/04/2018**	**12/04/2018**
			Sample Type	**N**	**N**	**N**	**N**	**FD**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**
Analyte	**CLASS I GROUNDWATER INGESTION**	**CLASS II GROUNDWATER INGESTION**	**GW INHALATION DIFFUSION & ADVECTION RES**																
01 - BTEX, mg/L																			
Benzene	0.005	0.025	**0.11**	< 0.0005	< 0.0005	< 0.0005	0.0037	0.0038	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Ethylbenzene	0.7	1	**0.37**	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Toluene	1	2.5	530	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Xylene, Total	10	10	30	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
02 - PAH, mg/L																			
Acenaphthene	0.42	2.1	NS	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000167	< 0.000100	< 0.000100	< 0.000100
Acenaphthylene	0.21	1.05	NS	< 0.000100 UJ	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100 UJ	< 0.000100	< 0.000100	< 0.000100	< 0.000100 UJ	< 0.000167 UJ	< 0.000100	< 0.000100	< 0.000100
Anthracene	2.1	10.5	NS	< 0.000100 BU	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100 BU	< 0.000100	< 0.000100	< 0.000100	< 0.000100 BU	< 0.000167 BU	< 0.000100	< 0.000100	< 0.000100
Benzo(a)anthracene	0.00013	0.00065	NS	< 0.000100	< 0.000100 BU	< 0.000100 BU	< 0.000100 BU	< 0.000100	< 0.000100 BU	< 0.000100 BU	< 0.000100	< 0.000100 BU	< 0.000100 BU	< 0.000100 BU	< 0.000100	< 0.000167	< 0.000100 BU	< 0.000100 BU	< 0.000100 BU
Benzo(a)pyrene	0.0002	0.002	NS	< 0.000100	< 0.000100 BU	< 0.000100 BU	< 0.000100 BU	< 0.000100	< 0.000100 BU	< 0.000100 BU	< 0.000100	< 0.000100 BU	< 0.000100 BU	< 0.000100 BU	< 0.000100	< 0.000167	< 0.000100 BU	< 0.000100 BU	< 0.000100 BU
Benzo(b)fluoranthene	0.00018	0.0009	NS	< 0.000100	< 0.000100 BU UJ	< 0.000100 BU UJ	< 0.000100 BU UJ	< 0.000100 UJ	< 0.000100 BU UJ	< 0.000100 BU UJ	< 0.000100	< 0.000100 BU UJ	< 0.000100 BU UJ	< 0.000100 BU	< 0.000100	< 0.000167	< 0.000100 BU	< 0.000100 BU	< 0.000100 BU
Benzo(g,h,i)perylene	0.21	1.05	NS	< 0.000100	< 0.000100 BU UJ	< 0.000100 BU UJ	< 0.000100 BU UJ	< 0.000100	< 0.000100 BU UJ	< 0.000100 BU UJ	< 0.000100	< 0.000100 BU UJ	< 0.000100 BU UJ	< 0.000100 BU	< 0.000100	< 0.000167	< 0.000100 BU	< 0.000100 BU	< 0.000100 BU
Benzo(k)fluoranthene	0.00017	0.00085	NS	< 0.000100	< 0.000100 BU	< 0.000100 BU	< 0.000100 BU	< 0.000100	< 0.000100 BU	< 0.000100 BU	< 0.000100	< 0.000100 BU	< 0.000100 BU	< 0.000100 BU	< 0.000100	< 0.000167	< 0.000100 BU	< 0.000100 BU	< 0.000100 BU
Chrysene	0.0015	0.0075	NS	< 0.000100	< 0.000100 BU	< 0.000100 BU	< 0.000100 BU	< 0.000100	< 0.000100 BU	< 0.000100 BU	< 0.000100	< 0.000100 BU	< 0.000100 BU	< 0.000100 BU	< 0.000100	< 0.000167	< 0.000100 BU	< 0.000100 BU	< 0.000100 BU
Dibenzo(a,h)anthracene	0.0003	0.0015	NS	< 0.000100	< 0.000100 BU	< 0.000100 BU	< 0.000100 BU	< 0.000100	< 0.000100 BU	< 0.000100 BU	< 0.000100	< 0.000100 BU	< 0.000100 BU	< 0.000100 BU	< 0.000100	< 0.000167	< 0.000100 BU	< 0.000100 BU	< 0.000100 BU
Fluoranthene	0.28	1.4	NS	< 0.000200 BU	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200 BU	< 0.000200	< 0.000200	< 0.000200	< 0.000200 BU	< 0.000333 BU	< 0.000200	< 0.000200	< 0.000200
Fluorene	0.28	1.4	NS	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000167	< 0.000100	< 0.000100	< 0.000100
Indeno(1,2,3-cd)pyrene	0.00043	0.00215	NS	< 0.000100	< 0.000100 BU	< 0.000100 BU	< 0.000100 BU	< 0.000100	< 0.000100 BU	< 0.000100 BU	< 0.000100	< 0.000100 BU	< 0.000100 BU	< 0.000100 BU	< 0.000100	< 0.000167	< 0.000100 BU	< 0.000100 BU	< 0.000100 BU
Naphthalene	0.14	0.22	0.075	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000333	< 0.000200	< 0.000200	< 0.000200
Phenanthrene	0.21	1.05	NS	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000667	< 0.000400	< 0.000400	< 0.000400
Pyrene	0.21	1.05	NS	< 0.000200 BU	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200 BU	< 0.000200	< 0.000200	< 0.000200	< 0.000200 BU	< 0.000333 BU	< 0.000200	< 0.000200	< 0.000200
03 - General Chemistry, mg/L																			
Cyanide CN-	0.2	0.6	NS	< 0.005	0.057	0.018	0.414	0.385	0.028	0.024	< 0.005	< 0.005	< 0.005	0.043	0.026	< 0.005	0.108	0.028	< 0.005
04 - Metals, mg/L																			
Arsenic	0.05	0.2	NS	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250
Barium	2	2	NS	0.0741	0.0576	0.0924	0.173	0.185	0.157	0.0980	0.0524	0.0893	0.101	0.120	0.0993	0.0634	0.140	0.0552	0.0244
Cadmium	0.005	0.05	NS	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Chromium	0.1	1	NS	< 0.0050	< 0.0050	< 0.0050	0.0128	0.0105	< 0.0050	0.0653	< 0.0050	0.128	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
Lead	0.0075	0.1	NS	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075
Mercury	0.002	0.01	0.053	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Selenium	0.05	0.05	NS	< 0.0400	< 0.0400	< 0.0400	< 0.0400	< 0.0400	< 0.0400	< 0.0400	< 0.0400	< 0.0400	< 0.0400	< 0.0400	< 0.0400	< 0.0400	< 0.0400	< 0.0400	< 0.0400
Silver	0.05	NS	NS	< 0.0070	< 0.0070	< 0.0070	< 0.0070	< 0.0070	< 0.0070	< 0.0070	< 0.0070	< 0.0070	< 0.0070	< 0.0070	< 0.0070	< 0.0070	< 0.0070	< 0.0070	< 0.0070

Notes:
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Empty cells = not analyzed
N = Normal Environmental Sample
FD = Field Duplicate Sample
EB = Equipment Blank Sample
TB = Trip Blank Sample
NS = No Standard
mg/L = milligrams per liter

Qualifiers - Inorganic:
B = Reported value is < CRDL, but >= IDL.
BU = Compound was found in the blank and sample; Indicates analyte was analyzed but not detected.

Interpreted Qualifiers:
U = Nondetected
UJ = Nondetected, estimated report limit
J- = Detected Results are estimated with a low bias
All analyses performed by TekLab.

CLASS I GROUNDWATER INGESTION = IEPA TACO Tier 1 CLASS I GROUNDWATER INGESTION.
CLASS II GROUNDWATER INGESTION = IEPA TACO Tier 1 CLASS II GROUNDWATER INGESTION.
GW INHALATION DIFFUSION & ADVECTION RESIDENTIAL = IEPA TACO Tier 1 GW INHALATION DIFFUSION & ADVECTION RESIDENTIAL.
Non-TACO Class I and Class II Groundwater Objectives applied for Acenaphthylene, Benzo(g,h,i)perylene, and Phenanthrene. (Revision Date 3/31/2016)

TABLE 2
Summary of Analytical Results
December 2018
Ameren - Champaign FMGP Site
Champaign , Illinois

			Location Group							Intermediate Wells (Class 1 Groundwater Ingestion)										03 - Field Quality Control	
			Location ID	UMW-102	UMW-124	DUP 002	UMW-125	UMW-126	UMW-127	UMW-300	UMW-301R	UMW-302	DUP 003	UMW-303	UMW-304R	UMW-305	UMW-306	UMW-307	UMW-308	Equipment Blank	Trip Blank
			Sample Date	12/03/2018	12/05/2018	12/05/2018	12/05/2018	12/05/2018	12/03/2018	12/03/2018	12/05/2018	12/05/2018	12/05/2018	12/04/2018	12/03/2018	12/04/2018	12/04/2018	12/04/2018	12/04/2018	12/05/2018	12/06/2018
			Sample Type	N	N	FD	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	TB
Analyte	CLASS I GROUNDWATER INGESTION	CLASS II GROUNDWATER INGESTION	GW INHALATION DIFFUSION & ADVECTION RES																		
01 - BTEX, mg/L																					
Benzene	0.005	0.025	**0.11**	< 0.0005	0.0703	0.0664	0.0007	0.0261	0.0021	< 0.0005	< 0.0005	**0.526**	**0.511**	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Ethylbenzene	0.7	1	**0.37**	< 0.0020	0.0066	0.0067	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	**0.832**	**0.886**	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Toluene	1	2.5	530	< 0.0020	0.0331	0.0313	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.0111	< 0.0200	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Xylene, Total	10	10	30	< 0.0020	0.0179	0.0180	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.226	0.238	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
02 - PAH, mg/L																					
Acenaphthene	0.42	2.1	NS	< 0.000100	0.000343	0.000326	< 0.000100	< 0.000100	0.000171	< 0.000100	0.00349	0.000360	0.000368	< 0.000100	0.000550	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	
Acenaphthylene	0.21	1.05	NS	< 0.000100 UJ	0.000190	0.000187	< 0.000100	< 0.000100	< 0.000100 UJ	< 0.000100 UJ	0.00425	0.000540	0.000530	< 0.000100	0.00139 J-	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	
Anthracene	2.1	10.5	NS	< 0.000100 BU	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100 BU	< 0.000100 BU	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100 BU	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	
Benzo(a)anthracene	0.00013	0.00065	NS	< 0.000100	< 0.000100 BU	< 0.000100	< 0.000100 BU	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100 BU	< 0.000100	< 0.000100	< 0.000100	< 0.000100	
Benzo(a)pyrene	0.0002	0.002	NS	< 0.000100	< 0.000100 BU	< 0.000100	< 0.000100 BU	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100 BU	< 0.000100	< 0.000100	< 0.000100	< 0.000100	
Benzo(b)fluoranthene	0.00018	0.0009	NS	< 0.000100	< 0.000100 BU	< 0.000100 UJ	< 0.000100 BU	< 0.000100 UJ	< 0.000100	< 0.000100	< 0.000100 UJ	< 0.000100 UJ	< 0.000100 UJ	< 0.000100 UJ	< 0.000100	< 0.000100 BU	< 0.000100 UJ	< 0.000100 UJ	< 0.000100 UJ	< 0.000100 UJ	
Benzo(g,h,i)perylene	0.21	1.05	NS	< 0.000100	< 0.000100 BU	< 0.000100	< 0.000100 BU	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100 BU	< 0.000100	< 0.000100	< 0.000100	< 0.000100	
Benzo(k)fluoranthene	0.00017	0.00085	NS	< 0.000100	< 0.000100 BU	< 0.000100	< 0.000100 BU	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100 BU	< 0.000100	< 0.000100	< 0.000100	< 0.000100	
Chrysene	0.0015	0.0075	NS	< 0.000100	< 0.000100 BU	< 0.000100	< 0.000100 BU	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100 BU	< 0.000100	< 0.000100	< 0.000100	< 0.000100	
Dibenzo(a,h)anthracene	0.0003	0.0015	NS	< 0.000100	< 0.000100 BU	< 0.000100	< 0.000100 BU	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100 BU	< 0.000100	< 0.000100	< 0.000100	< 0.000100	
Fluoranthene	0.28	1.4	NS	< 0.000200 BU	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200 BU	< 0.000200 BU	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200 BU	< 0.000200	< 0.000200 SU	< 0.000200	< 0.000200	< 0.000200	
Fluorene	0.28	1.4	NS	< 0.000100	0.000117	0.000109	< 0.000100	< 0.000100	0.000134	< 0.000100	0.000162	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	
Indeno(1,2,3-cd)pyrene	0.00043	0.00215	NS	< 0.000100	< 0.000100 BU	< 0.000100	< 0.000100 BU	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100 BU	< 0.000100	< 0.000100	< 0.000100	< 0.000100	
Naphthalene	0.14	0.22	0.075	< 0.000200	< 0.00281 U	< 0.0255 U	< 0.000200	< 0.000200	< 0.00169 U	< 0.000200	< 0.000200	< 2.30 U	< 2.20 U	< 0.00188 U	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000250 U	0.00325	
Phenanthrene	0.21	1.05	NS	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	
Pyrene	0.21	1.05	NS	< 0.000200 BU	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200 BU	< 0.000200 BU	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200 BU	< 0.000200	< 0.000200 SU	< 0.000200	< 0.000200	< 0.000200	
03 - General Chemistry, mg/L																					
Cyanide CN-	0.2	0.6	NS	< 0.005	0.011	0.008	0.055	< 0.005	< 0.005	< 0.005	< 0.005	0.137	0.134	< 0.005	< 0.005	0.011	0.014	0.046	0.018	< 0.005	
04 - Metals, mg/L																					
Arsenic	0.05	0.2	NS	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.025	
Barium	2	2	NS	0.0741	0.0369	0.0372	0.0144	0.0231	0.169	0.122	0.0819	0.0670	0.0629	0.0422	0.0818	0.111	0.131	0.130	0.119	< 0.0025	
Cadmium	0.005	0.05	NS	< 0.0020	< 0.0020	< 0.0020	0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	
Chromium	0.1	1	NS	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	
Lead	0.0075	0.1	NS	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	
Mercury	0.002	0.01	0.053	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	
Selenium	0.05	0.05	NS	< 0.0400	< 0.0400	< 0.0400	< 0.0400	< 0.0400	< 0.0400	< 0.0400	< 0.0400	< 0.0400	< 0.0400	< 0.0400	< 0.0400	< 0.0400	< 0.0400	< 0.0400	< 0.0400	< 0.04	
Silver	0.05	NS	NS	< 0.0070	< 0.0070	< 0.0070	< 0.0070	< 0.0070	< 0.0070	< 0.0070	< 0.0070	< 0.0070	< 0.0070	< 0.0070	< 0.0070	< 0.0070	< 0.0070	< 0.0070	< 0.0070	< 0.0070	

Notes:
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Empty cells = not analyzed
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FD = Field Duplicate Sample
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mg/L = milligrams per liter

Qualifiers - Inorganic:
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All analyses performed by TekLab.

CLASS I GROUNDWATER INGESTION = IEPA TACO Tier 1 CLASS I GROUNDWATER INGESTION.
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Non-TACO Class I and Class II Groundwater Objectives applied for Acenaphthylene, Benzo(g,h,i)perylene, and Phenanthrene. (Revision Date 3/31/2016)

TABLE 3
Analytical Results by Parameter
December 2016 to December 2018
Ameren - Champaign FMGP Site
Champaign, Illinois

Well ID	Date Sampled	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylene, total (µg/L)	Acenaphthene (µg/L)	Acenaphthylene (µg/L)	Anthracene (µg/L)	Benzo(a) anthracene (µg/L)	Benzo(a) pyrene (µg/L)	Benzo(b) fluoranthene (µg/L)	Benzo(g,h,i) perylene (µg/L)	Benzo(k) fluoranthene (µg/L)	Chrysene (µg/L)	Dibenzo(a,h) anthracene (µg/L)	Fluoranthene (µg/L)	Fluorene (µg/L)	Indeno(1,2,3-cd) pyrene (µg/L)	Naphthalene (µg/L)	Phenanthrene (µg/L)	Pyrene (µg/L)	Cyanide, total (mg/L)
UMW-102	12/15/2016	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	3/7/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	7/5/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	10/10/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	12/4/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	6/26/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	<0.005
	9/17/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	<0.005
	12/3/2018	<0.5	<2	<2	<2	<0.1	<0.1 UJ	<0.1 BU	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2 BU	<0.1	<0.1	<0.2	<0.4	<0.2 BU	<0.005
UMW-105	12/13/2016	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.049
	3/9/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.061
	7/6/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.063
	10/12/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.056
	12/7/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.049
	6/27/2018	<0.5	4.0	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	16.2	<0.4	<0.1	0.057
	9/19/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	0.049
	12/5/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1 BU	<0.1 BU	<0.1 BU UJ	<0.1 BU UJ	<0.1 BU	<0.1 BU	<0.1 BU	<0.2	<0.1	<0.1 BU	<0.2	<0.4	<0.2	0.057
UMW-106R	12/14/2016	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.035
	3/8/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.028
	7/6/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.033
	10/11/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.038
	12/6/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.044
	6/25/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	0.017
	9/18/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	0.022
	12/4/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1 BU	<0.1 BU	<0.1 BU UJ	<0.1 BU UJ	<0.1 BU	<0.1 BU	<0.1 BU	<0.2	<0.1	<0.1 BU	<0.2	<0.4	<0.2	0.018
UMW-107R	12/15/2016	77.9	<5	<5	<5	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.15	<0.1	<0.1	0.596
	3/8/2017	4.5	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.71
	7/6/2017	40.7	<5	<5	<5	<0.1	0.11	0.11	0.06	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.544
	10/11/2017	3.9	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.363
	12/6/2017	21.9	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.509
	6/27/2018	7.6	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	0.453
	9/18/2018	4.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	0.381
	12/5/2018	3.8	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.2	0.385
UMW-108	12/15/2016	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.032
	3/7/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.03
	7/6/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.029
	10/10/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.03
	12/5/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.029
	6/26/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	0.030
	9/18/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.2	<0.4	0.032
	12/4/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1 BU	<0.1 BU	<0.1 BU UJ	<0.1 BU UJ	<0.1 BU	<0.1 BU	<0.1 BU	<0.2	<0.1	<0.1 BU	<0.2	<0.4	<0.2	0.028
UMW-109	12/15/2016	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.044
	3/7/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.042
	7/5/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.012
	10/10/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.036
	12/5/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	6/26/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	0.031
	9/17/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	0.036
	12/4/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1 BU	<0.1 BU	<0.1 BU UJ	<0.1 BU UJ	<0.1 BU	<0.1 BU	<0.1 BU	<0.2	<0.1	<0.1 BU	<0.2	<0.4	<0.2	0.024
UMW-111A	12/14/2016	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	3/7/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	7/6/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	10/10/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	12/6/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	6/26/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	<0.005
	9/17/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	<0.005
	12/3/2018	<0.5	<2	<2	<2	<0.1	<0.1 UJ	<0.1 BU	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2 BU	<0.1	<0.1	<0.2	<0.4	<0.2 BU	<0.005
UMW-116	12/15/2016	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.43	<0.1	<0.1	<0.005
	3/8/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	7/6/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	10/11/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	12/6/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	6/25/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	0.206	<0.4	<0.1	<0.005
	9/18/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	<0.005
	12/4/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1 BU	<0.1 BU	<0.1 BU UJ	<0.1 BU UJ	<0.1 BU	<0.1 BU	<0.1 BU	<0.2	<0.1	<0.1 BU	<0.2	<0.4	<0.2	<0.005
UMW-117	12/15/2016	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	3/8/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	7/6/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	0.06	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	10/11/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	12/5/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	6/25/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	<0.005
	9/18/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	<0.005
	12/4/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1 BU	<0.1 BU	<0.1 BU UJ	<0.1 BU UJ	<0.1 BU	<0.1 BU	<0.1 BU	<0.2	<0.1	<0.1 BU	<0.2	<0.4	<0.2	<0.005

TABLE 3
Analytical Results by Parameter
December 2016 to December 2018
Ameren - Champaign FMGP Site
Champaign, Illinois

Well ID	Date Sampled	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylene, total (µg/L)	Acenaphthene (µg/L)	Acenaphthylene (µg/L)	Anthracene (µg/L)	Benzo(a) anthracene (µg/L)	Benzo(a) pyrene (µg/L)	Benzo(b) fluoranthene (µg/L)	Benzo(g,h,i) perylene (µg/L)	Benzo(k) fluoranthene (µg/L)	Chrysene (µg/L)	Dibenzo(a,h) anthracene (µg/L)	Fluoranthene (µg/L)	Fluorene (µg/L)	Indeno(1,2,3-cd) pyrene (µg/L)	Naphthalene (µg/L)	Phenanthrene (µg/L)	Pyrene (µg/L)	Cyanide, total (mg/L)
UMW-118	12/15/2016	<2	<5	<5	<5	<0.1	0.16	<0.1	0.21	0.35	0.35	0.2	0.11	0.12	<0.1	0.18	<0.1	0.15	<0.1	<0.1	0.76	0.044
	3/8/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.049
	7/6/2017	<2	<5	<5	<5	0.17	0.37	0.1	0.77	0.93	0.94	0.37	0.36	0.48	0.1	1.04	0.11	0.33	<0.1	0.14	5	0.056
	10/10/2017	<2	<5	<5	<5	<0.1	0.1	<0.1	0.21	0.27	0.27	0.12	0.09	0.09	<0.1	0.19	<0.1	0.1	<0.1	<0.1	0.93	0.056
	12/5/2017	<2	<5	<5	<5	<0.1	0.12	<0.1	0.25	0.34	0.4	<0.1	0.16	0.13	<0.1	0.26	<0.1	<0.1	<0.1	<0.1	1.15	0.059
	6/26/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	0.031
	9/18/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	0.034
	12/4/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1 BU	<0.1 BU	<0.1 BU	<0.1 BU	<0.1 BU	<0.1 BU	<0.1 BU	<0.2	<0.1	<0.1 BU	<0.2	<0.4	<0.2	0.043
UMW-119	12/15/2016	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.041
	3/7/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.048
	7/5/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.041
	10/11/2017	<2	<5	<5	<5	0.29	0.41	0.11	0.14	0.12	0.11	<0.1	<0.1	0.15	<0.1	0.31	<0.1	<0.1	<0.1	0.16	0.44	0.033
	12/5/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.039
	6/26/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	0.036
	9/17/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	0.033
	12/3/2018	<0.5	<2	<2	<2	<0.1	<0.1 UJ	<0.1 BU	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2 BU	<0.1	<0.1	<0.2	<0.4	<0.2 BU	0.026
UMW-120	12/15/2016	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	3/8/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	7/6/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	10/9/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.007
	12/4/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	6/26/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	<0.005
	9/17/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	<0.005
	12/3/2018	<0.5	<2	<2	<2	<0.167	<0.167 UJ	<0.167 BU	<0.167	<0.167	<0.167	<0.167	<0.167	<0.167	<0.167	<0.333 BU	<0.167	<0.167	<0.333	<0.667	<0.333 BU	<0.005
UMW-121	12/13/2016	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.164
	3/9/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.168
	7/6/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	0.06	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.148
	10/12/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.166
	12/7/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.177
	6/27/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	0.141
	9/19/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	0.138
	12/5/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1 BU	<0.1 BU	<0.1 BU	<0.1 BU	<0.1 BU	<0.1 BU	<0.1 BU	<0.2	<0.1	<0.1 BU	<0.2	<0.4	<0.2	0.108
UMW-122	6/27/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	0.031
	9/18/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	0.027
	12/4/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1 BU	<0.1 BU	<0.1 BU	<0.1 BU	<0.1 BU	<0.1 BU	<0.1 BU	<0.2	<0.1	<0.1 BU	<0.2	<0.4	<0.2	0.028
UMW-123	12/15/2016	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	3/8/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	7/6/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	10/11/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	12/6/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.11	<0.1	<0.1	<0.005
	6/26/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	<0.005
	9/18/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	<0.005
	12/4/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1 BU	<0.1 BU	<0.1 BU	<0.1 BU	<0.1 BU	<0.1 BU	<0.1 BU	<0.2	<0.1	<0.1 BU	<0.2	<0.4	<0.2	<0.005
UMW-124	12/14/2016	115	11	37	28	0.39	0.24	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.18	<0.1	27.3	0.12	<0.1	0.013
	3/10/2017	78.4	3.1	22.5	13.4	0.49	0.27	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.17	<0.1	25	0.11	<0.1	0.005
	7/7/2017	104	10.6	44.8	28.2	0.67	0.41	<0.1	0.08	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.31	<0.1	47.9	0.28	<0.1	0.01
	10/13/2017	71.3	6.5	27.6	17.1	0.38	0.19	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.17	<0.1	30.4	<0.1	<0.1	0.008
	12/7/2017	120	11	55.8	32	0.52	0.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.17	<0.1	45.4	0.21	<0.1	0.011
	6/25/2018	97.5	9.1	46.9	24.0	0.486	0.272	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	0.179	<0.1	44.9	<0.4	<0.1	0.010
	9/19/2018	86.9	9	41.5	23.6	0.469	0.248	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	0.142	<0.1	48.9	<0.4	<0.1	0.010
	12/5/2018	66.4	6.7	31.3	18.0	0.326	0.187	<0.1	<0.1	<0.1	<0.1 UJ	<0.1	<0.1	<0.1	<0.1	<0.2	0.109	<0.1	<25.5 U	<0.4	<0.2	0.008
UMW-125	12/13/2016	20.4	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.58	<0.1	<0.1	0.062
	3/9/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.64	<0.1	<0.1	0.029
	7/6/2017	22.6	<5	<5	<5	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	1.3	0.11	<0.1	0.029
	10/12/2017	43.2	1.3	2	1.4	0.13	<0.1	<0.1	<0.1	0.08	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	3.19	0.31	<0.1	0.028
	12/8/2017	5.1	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.79	<0.1	<0.1	0.029
	6/27/2018	9.1	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	0.748	<0.4	<0.1	0.038
	9/19/2018	7.8	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<1.02	<0.4	<0.1	0.048
	12/5/2018	0.7	<2	<2	<2	<0.1	<0.1	<0.1	<0.1 BU	<0.1 BU	<0.1 BU	<0.1 BU	<0.1 BU	<0.1 BU	<0.1 BU	<0.2	<0.1	<0.1 BU	<0.2	<0.4	<0.2	0.055
UMW-126	12/14/2016	17.8	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	3/10/2017	5.1	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	7/7/2017	94.4	<5	<5	<5	<0.1	<0.1	<0.1	0.06	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.004
	10/12/2017	5.2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	12/7/2007	11.5	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.29	<0.1	<0.1	0.005
	6/27/2018	61.3	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	<0.005
	9/19/2018	108.0	<2	3.4	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.385	<0.4	<0.1	<0.005
	12/5/2018	26.1	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1 UJ	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.2	<0.005
UMW-127	12/14/2016	3.3	<5	<5	<5	0.22	0.81	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	1.72	0.27	<0.1	<0.005
	3/9/2017	3	<5	<5	<5	0.21	1.55	<0.1	0.06	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.16	<0.1	1.64	0.2	<0.1	<0.005
	7/7/2017	3.6	<5	<5	<5	0.33	3.19	<0.1	0.07	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.27	<0.1	2.48	0.47	<0.1	<0.005
	10/12/2017	4.9	<5	<5	<5	0.14	2.47	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.16	<0.1	1.84	0.4	<0.1	<0.005
	12/7/2017	3	<5	1	<5	0.17	0.105	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.15	<0.1	2.64	0.33	<0.1	<0.005
	6/27/2018	3.1	<2	<2	<2	0.22	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	0.176	<0.1	1.92	0.449	<0.1	<0.005
	9/19/2018	2.9	<2	<2	<2	0.238	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	0.17	<0.1	<2.20	0.451	<0.1	<0.005
	12/3/2018	2.1	<2	<2	<2	0.171	<0.1 UJ	<0.1 BU	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2 BU	0.134	<0.1	<1.69 U	<0.4	<0.2 BU	<0.005

TABLE 3
Analytical Results by Parameter
December 2016 to December 2018
Ameren - Champaign FMGP Site
Champaign, Illinois

Well ID	Date Sampled	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylene, total (µg/L)	Acenaphthene (µg/L)	Acenaphthylene (µg/L)	Anthracene (µg/L)	Benzo(a) anthracene (µg/L)	Benzo(a) pyrene (µg/L)	Benzo(b) fluoranthene (µg/L)	Benzo(g,h,i) perylene (µg/L)	Benzo(k) fluoranthene (µg/L)	Chrysene (µg/L)	Dibenzo(a,h) anthracene (µg/L)	Fluoranthene (µg/L)	Fluorene (µg/L)	Indeno(1,2,3-cd) pyrene (µg/L)	Naphthalene (µg/L)	Phenanthrene (µg/L)	Pyrene (µg/L)	Cyanide, total (mg/L)
UMW-300	12/14/2016	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	3/9/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	7/6/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.18	<0.1	<0.1	<0.005
	10/10/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	12/5/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	6/26/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	<0.005
	9/17/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	<0.005
	12/3/2018	<0.5	<2	<2	<2	<0.1	<0.1 UJ	<0.1 BU	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2 BU	<0.1	<0.1	<0.2	<0.4	<0.2 BU	<0.005
UMW-301R	12/14/2016	<2	<5	<5	<5	2.16	2.46	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	3/10/2017	<2	<5	<5	<5	2.74	2.96	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.14	<0.1	<0.1	<0.1	<0.1	<0.005
	7/7/2017	<2	<5	<5	<5	3.48	4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.16	<0.1	<0.1	<0.1	<0.1	<0.005
	10/12/2017	<2	<5	<5	<5	2.41	2.77	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.12	<0.1	<0.1	<0.1	<0.1	<0.005
	12/7/2017	<2	<5	<5	<5	2.63	3.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.11	<0.1	<0.1	<0.1	<0.1	<0.005
	6/27/2018	<0.5	<2	<2	<2	4.11	4.88	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	0.241	<0.1	0.294	<0.4	<0.1	<0.005
	9/19/2018	<0.5	<2	<2	<2	2.74	3.37	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	0.142	<0.1	0.238	<0.4	<0.1	<0.005
	12/5/2018	<0.5	<2	<2	<2	3.49	4.25	<0.1	<0.1	<0.1	<0.1 UJ	<0.1	<0.1	<0.1	<0.1	<0.2	0.162	<0.1	<0.2	<0.4	<0.2	<0.005
UMW-302	12/13/2016	186	603	<50.0	116	0.1	0.21	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	1,050	<0.1	<0.1	0.202
	3/9/2017	<2	1.3	<5	<5	0.28	0.42	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	1,690	<0.1	<0.1	0.189
	7/6/2017	238	582	<50	128	0.3	0.53	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	1,940	<0.1	<0.1	0.119
	10/12/2017	348	628	<50	133	0.11	0.51	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	2,290	<0.1	<0.1	0.117
	12/7/2017	502	771	<50	182	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	2,050	<0.1	<0.1	0.067
	6/27/2018	407	703	<20.0	175	0.349	0.474	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	1,960	<0.4	<0.1	0.091
	9/19/2018	409	751	<20.0	198	0.456	0.652	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	3,530	<0.4	<0.1	0.113
	12/5/2018	511	886	<20.0	238	0.368	0.530	<0.1	<0.1	<0.1	<0.1 UJ	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<2200 U	<0.4	<0.2	0.134
UMW-303	12/15/2016	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	3/8/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	7/6/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	10/11/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	12/5/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	6/25/2018	<0.5	<2	<2	<2	0.111	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	<0.005
	9/18/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	<0.005
	12/4/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1 UJ	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<1.88 U	<0.4	<0.2	<0.005
UMW-304R	12/13/2016	<2	<5	<5	<5	0.59	1.16	<0.1	0.06	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.21	<0.1	<0.1	<0.005
	3/9/2017	<2	<5	<5	<5	0.91	1.82	<0.1	0.08	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.14	0.11	<0.1	<0.005
	7/7/2017	<2	<5	<5	<5	0.82	1.87	<0.1	0.06	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	10/12/2017	<2	<5	<5	<5	0.71	1.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.007
	12/8/2017	<2	<5	<5	<5	0.67	1.49	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.64	<0.1	<0.1	<0.005
	6/27/2018	<0.5	<2	<2	<2	0.486	1.08	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	5.76	<0.4	<0.1	<0.005
	9/19/2018	<0.5	<2	<2	<2	0.539	1.27	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	<0.005
	12/3/2018	<0.5	<2	<2	<2	0.550	1.39 J-	<0.1 BU	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2 BU	<0.1	<0.1	<0.2	<0.4	<0.2 BU	<0.005
UMW-305	12/14/2016	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.01
	3/9/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.007
	7/6/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.008
	10/12/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.43	<0.1	<0.1	0.009
	12/6/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.43	<0.1	<0.1	0.012
	6/26/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	0.366	<0.4	<0.1	0.014
	9/18/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	0.012
	12/4/2018	< 0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1 BU	<0.1 BU	<0.1 BU	<0.1 BU	<0.1 BU	<0.1 BU	<0.1 BU	<0.2	<0.1	<0.1 BU	<0.2	<0.4	<0.2	0.011
UMW-306	12/14/2016	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.038
	3/9/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.036
	7/5/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.036
	10/11/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.033
	12/6/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.014
	6/26/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	0.018
	9/18/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	0.019
	12/4/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1 UJ	<0.1	<0.1	<0.1	<0.1	<0.2 SU	<0.1	<0.1	<0.2	<0.4	<0.2 SU	0.014
UMW-307	12/14/2016	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.018
	3/9/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.021
	7/5/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	0.06	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.028
	10/11/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.027
	12/6/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.043
	6/26/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	0.048
	9/18/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	0.053
	12/4/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1 UJ	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.2	0.046
UMW-308	12/14/2016	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.022
	3/10/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.025
	7/7/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.021
	10/13/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.02
	12/7/2017	<2	<5	<5	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.005
	6/27/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.4	<0.1	0.022
	9/19/2018	<0.5	<2	<2	<2	<0.1	<0.1	0.134	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	5	<0.4	0.107	<0.005
	12/4/2018	<0.5	<2	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1 UJ	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.25 U	<0.4	<0.2	<0.005

Notes:

Exceeds RO for Class I Groundwater Ingestion or Groundwater Indoor Inhalation - Diffusion and Advection for Residential Sites

Exceeds RO for Class II Groundwater Ingestion

Attachment 1

Laboratory Analytical Report

ERM

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Memo

To	Lacy Smith
From	Rachel James
Date	19 February 2019
Reference	0466251
Subject	Data Review of Ameren Champaign Groundwater Samples December 2018: Teklab, Inc. Data Package 18120405

The data quality was assessed and any necessary qualifiers were applied following the *USEPA National Functional Guidelines for Organic Superfund Methods Data Review*, January 2017 and *USEPA National Functional Guidelines for Inorganic Superfund Methods Data Review*, January 2017.

ERM reviewed data for compliance with the following quality assurance/quality control (QA/QC) and method-prescribed criteria for Stage 2B review:

- **Holding Time and Sample Preservation**: The period of time between collection of the sample and preparation/analysis of the sample is evaluated. Analyses performed for this project have method-prescribed holding times as well as temperature and chemical preservation requirements.
- **Blank Samples**: The preparation and analysis of reagent (contaminant-free) water is evaluated. Blank samples for this investigation included method, trip, field blanks, and equipment rinsates. Detections in a blank sample may indicate laboratory, transportation, or field contamination. All samples are evaluated for common laboratory contaminants during the blank evaluation.
- **Spike Samples**: The preparation and analysis of an environmental sample or a sample of reagent water spiked with a subset of target compounds at known concentrations is evaluated. The results of the spike analysis measure laboratory accuracy in the reagent sample, and results from the environmental sample spike measure potential interferences from the matrix.
- **Surrogate Spikes**: The addition of compounds similar to target compounds of interest that are added to sample aliquots for organic analysis is evaluated. Surrogate spikes measure possible interferences from the sample matrix for the analysis of target compounds.
- **Duplicate Samples**: The preparation and analysis of an additional aliquot of the sample is evaluated. The results from duplicate analysis measure potential heterogeneity of contaminants in the sample.

Stage 4 data review for 20 percent of the samples (6 samples: UMW-108-WG-20181204, UMW-118-WG-20181204, UMW-124-WG-20181205, UMW-127-WG-20181203, UMW-304R-WG-20181203, and UMW-308-WG-20181204) was performed. The Stage 4 review included all of the QA/QC project and/or method-prescribed criteria for Stage 2B review plus:

- **Calibration:** The analysis of target analytes at a range of concentrations to develop a graphical plot of instrument response against the different analyte concentrations. An initial calibration curve establishes the graphical plot, and the continuing calibration verification monitors daily instrument linearity against the initial calibration.
- **Internal standards:** The addition of compounds similar to target compounds of interest that are added to sample aliquots for organic analysis. The internal standards are used to quantitatively and qualitatively evaluate retention time and response for each sample.
- **Recalculation:** Ten percent of the initial calibration, continuing calibration, internal response, surrogate percent recoveries (%R), laboratory control sample (LCS) %R, matrix spike/matrix spike duplicate (MS/MSD) %R, and all of the detected sample concentrations were recalculated.

HOLDING TIME AND PRESERVATION EVALUATION

The samples were prepared and analyzed within the method-prescribed time period from the date of collection. The sample shipments were received at the laboratory within the method-prescribed temperature preservation requirements of less than 6°C.

The pH was less than 12 for cyanide analysis in samples UMW-108-WG-20181204 and UMW-109-WG-20181204 and the laboratory adjusted the pH with additional sodium hydroxide upon receipt. No qualifications were added to the cyanide results since the samples were preserved properly upon receipt. The samples with inadequate preservation are presented in Table 1.

CALIBRATION EVALUATION

Two types of calibration data were reviewed. These were initial calibration (ICAL) and continuing calibration verification (CCV/ICV). For linear ICALs, the correlation coefficient (r^2) was within control limits and for average response factor ICALs, the relative standard deviations (RSDs) were within the control limits. The laboratory also calculated the relative response factors (RRFs) for the analytes in the ICAL. The reported percent relative standard deviations and RRFs were compared to the method-prescribed acceptance criteria and validation criteria during the data validation. The laboratory calculated the percent difference (%D) between CCV/ICV and the ICAL. The laboratory calculated the CCV/ICV RRFs. The %Ds and RRFs were then compared to the method-prescribed acceptance criteria and validation criteria during the data validation.

The ICAL and CCV/ICV results were within acceptable limits for the Level IV samples, with several exceptions. The %D for CCVs exceeded acceptance criteria for PAH analytes acenaphthylene, benzo(b)fluoranthene, benzo(g,h,i)perylene, and indeno(1,2,3-cd)pyrene. No results were qualified due to the %D exceedances for indeno(1,2,3-cd)pyrene as the bias was high and associated results were non-detected. Additionally, no results were qualified due to the benzo(b)fluoranthene %D exceedances on 12/12/18 and 12/14/18 as benzo(b)fluoranthene was not reported from those batches. Sample results associated with remaining acenaphthylene, benzo(b)fluoranthene, and benzo(g,h,i)perylene %D exceedances were qualified as estimates with a low bias (J-/UJ). The affected samples are presented in Table 2.

BLANK EVALUATION

The method blank sample results were nondetected for each of the target analytes with limited exceptions. PAH analytes anthracene, dibenzo(a,h)anthracene, fluoranthene, indeno(1,2,3-

cd)pyrene, and/or pyrene were detected in method blank samples at concentrations above the reporting limit. However, these analytes were not detected in associated samples and qualifications were not necessary. The method blank detections are listed in Table 3.

The equipment blank sample results were nondetected for each of the target analyte with one exception. Naphthalene was detected in equipment blank sample EB-01-WQ-20181205 at a concentration above the reporting limit. Associated detected sample results were less than the blank concentration (as adjusted for dilution) and were qualified as non-detect (U) at the sample concentration. The equipment blank detections and associated sample qualifications are listed in Table 3.

The trip blank sample results were nondetected for each of the target analytes. The trip blank results indicate that no contaminants were introduced to the samples during shipment, handling, and storage.

BLANK SPIKE EVALUATION

The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) recoveries and RPDs were within the laboratory's limits of acceptance. The LCS recoveries and RPDs indicate acceptable laboratory accuracy and precision.

MATRIX SPIKE EVALUATION

The matrix spike (MS)/matrix spike duplicate (MSD) recoveries were within the laboratory's limits of acceptance for project samples, with two exceptions. Fluoranthene and pyrene were recovered above the control limit in the MS sample prepared from UMW-306-WG-20181204. No qualifications were applied as the MSD recoveries were within the control limits. The matrix spike outliers are presented in Table 4.

SURROGATE SPIKE EVALUATION

The surrogate recoveries were within acceptable limits with two exceptions. PAH surrogates 2-fluorobiphenyl and nitrobenzene-d5 were recovered below the control limits in samples UMW-302-WG-201812105 and DUP 003-WG-20181205. No data are qualified as the dilution factors were greater than 10. The surrogate outliers are presented in Table 5.

CALIBRATION RANGE EXCEEDANCES

The cyanide results for the MS/MSD samples prepared from UMW-108-WG-20181204 exceeded the instrument calibration range as noted in Table 6. Since the MS/MSD parent sample results were within the calibration range, no qualifications were applied.

INTERNAL STANDARD EVALUATION

The internal standard responses were within acceptable limits with the two exceptions listed in Table 7. PAH internal standard naphthalene-d8 had responses outside the control limits in samples UMW-302-WG-20181205 and DUP 003-WG-20181205. The only target analyte associated with this internal standard is naphthalene, which was reported from separate analytical runs for these

samples. The separate analytical runs had naphthalene-d8 internal standard responses that were within control limits. No qualifications were necessary.

FIELD DUPLICATE EVALUATION

Three samples were submitted in duplicate. ERM calculated the RPD between detected results. The USEPA has not established control criteria for field duplicate samples; therefore, sample data are not qualified on the basis of field duplicate imprecision. The RPDs for detected results are presented in Table 8.

RECALCULATION

All result recalculations agreed with reported results.

OVERALL ASSESSMENT

All data, including qualified data, can be used for decision-making purposes; however, the limitations indicated by the applied qualifiers should be considered when using the data. The quality of the data generated during this investigation is acceptable for the preparation of technically defensible documents.

Table 1
Samples with Exceeded Preservation Requirements
December 2018 Groundwater Monitoring
Ameren
Champaign, Illinois

Lab Package	Sample ID	Analysis Method	Preservation Condition	Limits	ERM Qualifier
18150405	UMW-108-WG-20181204	9012A	pH <12	pH >12	--
	UMW-109-WG-20181204	9012A	pH <12	pH >12	--

Lab report reviewed: 18120405

Table 2
Calibration Verification Standards Outside of Acceptable Limits
December 2018 Groundwater Monitoring
Ameren
Champaign, Illinois

Lab Package	Calibration Standard	Associated Sample ID	Compound	Calibration Outlier	Limit	Reported Concentration	Units	ERM Qualifier
18120405	12/7/18 9:48 CCV BNA181205A	UMW-102-WG-20181203	Acenaphthylene	38.9 %D	<30 %D	ND	mg/L	UJ
		UMW-111A-WG-20181203				ND	mg/L	UJ
		UMW-119-WG-20181203				ND	mg/L	UJ
		UMW-120-WG-20181203				ND	mg/L	UJ
		UMW-127-WG-20181203				ND	mg/L	UJ
		UMW-300-WG-20181203				ND	mg/L	UJ
		UMW-304R-WG-20181203				0.00139	mg/L	J-
		--	Indeno(1,2,3-cd)pyrene	-35.3 %D	<30 %D	--	--	--
	12/10/18 13:56 CCV BNA181205A	UMW-105-WG-20181205	Benzo(b)fluoranthene	38.5 %D	<30 %D	ND	mg/L	UJ
		UMW-106R-WG-20181204				ND	mg/L	UJ
		UMW-107R-WG-20181205				ND	mg/L	UJ
		UMW-108-WG-20181204				ND	mg/L	UJ
		UMW-109-WG-20181204				ND	mg/L	UJ
		UMW-116-WG-20181204				ND	mg/L	UJ
		UMW-117-WG-20181204				ND	mg/L	UJ
		UMW-105-WG-20181205	Benzo(g,h,i)perylene	37.8 %D	<30 %D	ND	mg/L	UJ
		UMW-106R-WG-20181204				ND	mg/L	UJ
		UMW-107R-WG-20181205				ND	mg/L	UJ
		UMW-108-WG-20181204				ND	mg/L	UJ
		UMW-109-WG-20181204				ND	mg/L	UJ
		UMW-116-WG-20181204				ND	mg/L	UJ
		UMW-117-WG-20181204				ND	mg/L	UJ
	12/10/18 14:47 CCV BNA181205A	NA - Qualified above	Benzo(b)fluoranthene	32.9 %D	<30 %D	--	--	--
		--	Indeno(1,2,3-cd)pyrene	-31.5 %D	<30 %D	--	--	--
	12/11/18 8:36 CCV BNA181205A	--	Indeno(1,2,3-cd)pyrene	-34.3 %D	<30 %D	--	--	--

Table 2
Calibration Verification Standards Outside of Acceptable Limits
December 2018 Groundwater Monitoring
Ameren
Champaign, Illinois

Lab Package	Calibration Standard	Associated Sample ID	Compound	Calibration Outlier	Limit	Reported Concentration	Units	ERM Qualifier
18120405	12/11/18 8:36 CCV BNA181205A	UMW-126-WG-20181205	Benzo(b)fluoranthene	35.5 %D	<30 %D	ND	mg/L	UJ
		UMW-301R-WG-20181205				ND	mg/L	UJ
		UMW-302-WG-20181205				ND	mg/L	UJ
		UMW-303-WG-20181204				ND	mg/L	UJ
		UMW-306-WG-20181204				ND	mg/L	UJ
		UMW-307-WG-20181204				ND	mg/L	UJ
		UMW-308-WG-20181204				ND	mg/L	UJ
		DUP 001-WG-20181205				ND	mg/L	UJ
		DUP 002-WG-20181205				ND	mg/L	UJ
		DUP 003-WG-20181205				ND	mg/L	UJ
		EB-01-WQ-20181205				ND	mg/L	UJ
		--	Indeno(1,2,3-cd)pyrene	-35.5 %D	<30 %D	--	--	--
	12/12/18 11:36 CCV BNA181205A	--	Benzo(b)fluoranthene	33.1 %D	<30 %D	--	--	--
	12/14/18 9:41 CCV BNA181205A	--	Benzo(b)fluoranthene	39.2 %D	<30 %D	--	--	--

Lab report reviewed: 18120405

Key:
CCV = continuing calibration verification
%D = percent deviation
J- = Detected results are estimated with a low bias
mg/L = Milligrams per liter
NA = Not applicable
UJ = Nondetected, estimated report limit

Table 3
Blank and Associated Suspect Sample Detections
December 2018 Groundwater Monitoring
Ameren
Champaign, Illinois

Lab Package	Blank ID	Associated Samples	Detected Compound	Reported Concentration	Report Limit	Units	ERM Qualifier
18120405	MBLK-148411	--	Anthracene	0.000207	0.000100	mg/L	--
		--	Fluoranthene	0.000275	0.000200	mg/L	--
		--	Pyrene	0.000217	0.000200	mg/L	--
18120405	MBLK-148504	--	Dibenzo(a,h)anthracene	0.000108	0.000100	mg/L	--
		--	Indeno(1,2,3-cd)pyrene	0.000122	0.000100	mg/L	--
18120405	EB-01-WQ-20181205	See below	Naphthalene	0.00325	0.000200	mg/L	--
	--	UMW-124-WG-20181205		0.0281	0.00200	mg/L	<0.0281 U
	--	UMW-127-WG-20181203		0.00169	0.000200	mg/L	<0.00169 U
	--	UMW-302-WG-20181205		2.30	0.200	mg/L	<2.30 U
	--	UMW-303-WG-20181204		0.00188	0.000200	mg/L	<0.00188 U
	--	UMW-308-WG-20181204		0.000250	0.000200	mg/L	<0.000250 U
	--	DUP 002-WG-20181205		0.0255	0.00500	mg/L	<0.0255 U
	--	DUP 003-WG-20181205		2.20	0.200	mg/L	<2.20 U

Lab report reviewed: 18120405

Key:
EB = Equipment blank
MBLK = Method blank
mg/L = Milligrams per liter
U = Nondetected

Table 4
Spike Recoveries Outside of Acceptable Limits
December 2018 Groundwater Monitoring
Ameren
Champaign, Illinois

Lab Package	Spike Sample ID	Associated Sample	Compound	Recovery (%)	Limit (%)	RPD	RPD Limit	Result	Units	ERM Qualifier
MS/MSD										
18120405	UMW-306-WG-20181204 MS/MSD	UMW-306-WG-20181204	Fluoranthene	120.2/88.4	69.4-117	14.88	40	--	--	--
			Pyrene	120.0/102.7	64.2-118	15.61	40	--	--	--

Lab report reviewed: 18120405

Key:
MS/MSD - Matrix spike/matrix spike duplicate
RPD = Relative percent difference

Table 5
Surrogate Recovery Results out of Acceptable Limits
December 2018 Groundwater Monitoring
Ameren
Champaign, Illinois

Lab Package	Sample ID	Method	Surrogate	Recovery (%)	Limit (%)	Notes	ERM Qualifier
18120405	UMW-302-WG-20181205	8270C SIM	2-Fluorobiphenyl	0	10-164	DF = 1000	--
			Nitrobenzene-d5	0	10.3-142	DF = 1000	--
18120405	DUP 003-WG-20181205	8270C SIM	2-Fluorobiphenyl	0	10-164	DF = 1000	--
			Nitrobenzene-d5	0	10.3-142	DF = 1000	--

Lab report reviewed: 18120405

Key:
DF = Dilution Factor

Table 6
Calibration Range Exceedances
December 2018 Groundwater Monitoring
Ameren
Champaign, Illinois

Lab Package	Sample ID	Compound	Reported Concentration	Units	ERM Qualifier
18120405	UMW-108-WG-20181204 MS	Cyanide	0.052	mg/L	--
	UMW-108-WG-20181204 MSD	Cyanide	0.026	mg/L	--

Lab report reviewed: 18120405

Key:
mg/L = Milligrams per liter
MS = Matrix spike
MSD = Matrix spike duplicate

Table 7
Internal Standard Recoveries Outside of Acceptable Limits
December 2018 Groundwater Monitoring
Ameren
Champaign, Illinois

Lab Package	Sample ID	Analysis Method	Internal Standard	Internal Standard Response	Limit	Affected Analytes	ERM Qualifier
18120405	UMW-302-WG-20181205	8270C	Naphthalene-d8	349392	NR	--	--
	DUP 003-WG-20181205	8270C	Naphthalene-d8	319792	NR	--	--

Lab report reviewed: 18120405

Key:
NR = Not reported

Table 8
Field Duplicate Results and Calculated Relative Percent Differences
December 2018 Groundwater Monitoring
Ameren
Champaign, Illinois

Lab Package	Primary/Duplicate Sample ID	Compound	Concentration		Report Limit		Units	RPD
			Sample	Duplicate	Sample	Duplicate		
18120405	UMW-107R-WG-20181205/ DUP 001-WG-20181205	Cyanide	0.414	0.385	0.100	0.100	mg/L	7.26
		Barium	0.173	0.185	0.0025	0.0025	mg/L	6.70
		Chromium	0.0128	0.0105	0.0050	0.0050	mg/L	19.7
		Benzene	3.7	3.8	0.5	0.5	µg/L	2.7
18120405	UMW-124-WG-20181205/ DUP 002-WG-20181205	Cyanide	0.011	0.008	0.005	0.005	mg/L	32
		Barium	0.0369	0.0372	0.0025	0.0025	mg/L	0.810
		Acenaphthene	0.000343	0.000326	0.000100	0.000100	mg/L	5.08
		Acenaphthylene	0.000190	0.000187	0.000100	0.000100	mg/L	1.59
		Fluorene	0.000117	0.000109	0.000100	0.000100	mg/L	7.08
		Naphthalene	0.0281	0.0255	0.00200	0.00500	mg/L	9.70
		Benzene	70.3	66.4	0.5	0.5	µg/L	5.71
		Ethylbenzene	6.6	6.7	2.0	2.0	µg/L	1.5
		Toluene	33.1	31.3	2.0	2.0	µg/L	5.59
		Xylenes, Total	17.9	18.0	2.0	2.0	µg/L	0.557
18120405	UMW-302-WG-20181205/ DUP 003-WG-20181205	Cyanide	0.137	0.134	0.025	0.025	mg/L	2.21
		Barium	0.0670	0.0629	0.0025	0.0025	mg/L	6.31
		Acenaphthene	0.000360	0.000368	0.000100	0.000100	mg/L	2.20
		Acenaphthylene	0.000540	0.000530	0.000100	0.000100	mg/L	1.87
		Naphthalene	2.30	2.20	0.200	0.200	mg/L	4.44
		Benzene	526	511	5.0	5.0	µg/L	2.89
		Ethylbenzene	832	886	20.0	20.0	µg/L	6.29
		Toluene	11.1	ND	2.0	20.0	µg/L	NC
		Xylenes, Total	226	238	2.0	20.0	µg/L	5.17

Lab report reviewed: 18120405

Key:
mg/L = Milligrams per liter
µg/L = Micrograms per liter
ND = Not detected
NC = Not calculated, one result not detected
RPD = Relative percent difference

FIELD_SDG	SYS_SAMPLE_CODE	SAMPLE_DATE	SAMPLE_TYPE_CODE	ANALYTIC_METHOD	FRACTION	CHEMICAL_NAME	DETECT_FLAG	RESULT_NUMERIC	RESULT_TEXT	REPORTING_DETECTION_LIMIT	METHOD_DETECTION_LIMIT
18120405	DUP 001-WG-20181205	12/5/2018	FD	Field Measure	N	Depth to Water, Field	Y	6.01	6.01		
18120405	DUP 001-WG-20181205	12/5/2018	FD	Field Measure	N	Dissolved Oxygen	Y	0.12	0.12		
18120405	DUP 001-WG-20181205	12/5/2018	FD	Field Measure	N	Oxidation-Reduction Potential, Field	Y	-84.7	-84.7		
18120405	DUP 001-WG-20181205	12/5/2018	FD	Field Measure	N	pH, Field	Y	7.06	7.06		
18120405	DUP 001-WG-20181205	12/5/2018	FD	Field Measure	N	Specific Conductivity	Y	2097	2097		
18120405	DUP 001-WG-20181205	12/5/2018	FD	Field Measure	N	Temperature, Field	Y	13.6	13.6		
18120405	DUP 001-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Acenaphthene	N			0.000100	0.000050
18120405	DUP 001-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Acenaphthylene	N			0.000100	0.000050
18120405	DUP 001-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Anthracene	N			0.000100	0.000070
18120405	DUP 001-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Benzo(a)anthracene	N			0.000100	0.000050
18120405	DUP 001-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Benzo(a)pyrene	N			0.000100	0.000050
18120405	DUP 001-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Benzo(b)fluoranthene	N			0.000100	0.000050
18120405	DUP 001-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Benzo(g,h,i)perylene	N			0.000100	0.000040
18120405	DUP 001-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Benzo(k)fluoranthene	N			0.000100	0.000050
18120405	DUP 001-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Chrysene	N			0.000100	0.000040
18120405	DUP 001-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Dibenzo(a,h)anthracene	N			0.000100	0.000060
18120405	DUP 001-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Fluoranthene	N			0.000200	0.000190
18120405	DUP 001-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Fluorene	N			0.000100	0.000090
18120405	DUP 001-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Indeno(1,2,3-cd)pyrene	N			0.000100	0.000080
18120405	DUP 001-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Naphthalene	N			0.000200	0.000170
18120405	DUP 001-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Phenanthrene	N			0.000400	0.000380
18120405	DUP 001-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Pyrene	N			0.000200	0.000100
18120405	DUP 001-WG-20181205	12/5/2018	FD	SW6010B	T	Arsenic	N			0.0250	0.0087
18120405	DUP 001-WG-20181205	12/5/2018	FD	SW6010B	T	Barium	Y	0.185	0.185	0.0025	0.0007
18120405	DUP 001-WG-20181205	12/5/2018	FD	SW6010B	T	Cadmium	N			0.0020	0.0005
18120405	DUP 001-WG-20181205	12/5/2018	FD	SW6010B	T	Chromium	Y	0.0105	0.0105	0.0050	0.0015
18120405	DUP 001-WG-20181205	12/5/2018	FD	SW6010B	T	Lead	N			0.0075	0.0040
18120405	DUP 001-WG-20181205	12/5/2018	FD	SW6010B	T	Selenium	N			0.0400	0.0170
18120405	DUP 001-WG-20181205	12/5/2018	FD	SW6010B	T	Silver	N			0.0070	0.0027
18120405	DUP 001-WG-20181205	12/5/2018	FD	SW7470A	T	Mercury	N			0.00020	0.00006
18120405	DUP 001-WG-20181205	12/5/2018	FD	SW9012A	N	Cyanide CN-	Y	0.385	0.385	0.100	0.060
18120405	DUP 001-WG-20181205	12/5/2018	FD	SW8260B	N	Benzene	Y	3.8	3.8	0.5	0.1
18120405	DUP 001-WG-20181205	12/5/2018	FD	SW8260B	N	Ethylbenzene	N			2.0	0.1
18120405	DUP 001-WG-20181205	12/5/2018	FD	SW8260B	N	Toluene	N			2.0	0.1
18120405	DUP 001-WG-20181205	12/5/2018	FD	SW8260B	N	Xylene, Total	N			2.0	0.2
18120405	DUP 002-WG-20181205	12/5/2018	FD	Field Measure	N	Depth to Water, Field	Y	2.7	2.7		
18120405	DUP 002-WG-20181205	12/5/2018	FD	Field Measure	N	Dissolved Oxygen	Y	0.11	0.11		
18120405	DUP 002-WG-20181205	12/5/2018	FD	Field Measure	N	Oxidation-Reduction Potential, Field	Y	-255.1	-255.1		
18120405	DUP 002-WG-20181205	12/5/2018	FD	Field Measure	N	pH, Field	Y	11.16	11.16		
18120405	DUP 002-WG-20181205	12/5/2018	FD	Field Measure	N	Specific Conductivity	Y	1616	1616		
18120405	DUP 002-WG-20181205	12/5/2018	FD	Field Measure	N	Temperature, Field	Y	13.7	13.7		
18120405	DUP 002-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Acenaphthene	Y	0.000326	0.000326	0.000100	0.000050
18120405	DUP 002-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Acenaphthylene	Y	0.000187	0.000187	0.000100	0.000050
18120405	DUP 002-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Anthracene	N			0.000100	0.000070
18120405	DUP 002-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Benzo(a)anthracene	N			0.000100	0.000050
18120405	DUP 002-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Benzo(a)pyrene	N			0.000100	0.000050
18120405	DUP 002-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Benzo(b)fluoranthene	N			0.000100	0.000050
18120405	DUP 002-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Benzo(g,h,i)perylene	N			0.000100	0.000040
18120405	DUP 002-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Benzo(k)fluoranthene	N			0.000100	0.000050
18120405	DUP 002-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Chrysene	N			0.000100	0.000040
18120405	DUP 002-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Dibenzo(a,h)anthracene	N			0.000100	0.000060
18120405	DUP 002-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Fluoranthene	N			0.000200	0.000190
18120405	DUP 002-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Fluorene	Y	0.000109	0.000109	0.000100	0.000090
18120405	DUP 002-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Indeno(1,2,3-cd)pyrene	N			0.000100	0.000080
18120405	DUP 002-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Naphthalene	N	0.0255	0.0255	0.0255	0.00425
18120405	DUP 002-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Phenanthrene	N			0.000400	0.000380
18120405	DUP 002-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Pyrene	N			0.000200	0.000100
18120405	DUP 002-WG-20181205	12/5/2018	FD	SW6010B	T	Arsenic	N			0.0250	0.0087
18120405	DUP 002-WG-20181205	12/5/2018	FD	SW6010B	T	Barium	Y	0.0372	0.0372	0.0025	0.0007
18120405	DUP 002-WG-20181205	12/5/2018	FD	SW6010B	T	Cadmium	N			0.0020	0.0005
18120405	DUP 002-WG-20181205	12/5/2018	FD	SW6010B	T	Chromium	N			0.0050	0.0015
18120405	DUP 002-WG-20181205	12/5/2018	FD	SW6010B	T	Lead	N			0.0075	0.0040
18120405	DUP 002-WG-20181205	12/5/2018	FD	SW6010B	T	Selenium	N			0.0400	0.0170
18120405	DUP 002-WG-20181205	12/5/2018	FD	SW6010B	T	Silver	N			0.0070	0.0027
18120405	DUP 002-WG-20181205	12/5/2018	FD	SW7470A	T	Mercury	N			0.00020	0.00006
18120405	DUP 002-WG-20181205	12/5/2018	FD	SW9012A	N	Cyanide CN-	Y	0.008	0.008	0.005	0.003

FIELD_SDG	SYS_SAMPLE_CODE	SAMPLE_DATE	SAMPLE_TYPE_CODE	ANALYTIC_METHOD	FRACTION	CHEMICAL_NAME	DETECT_FLAG	RESULT_NUMERIC	RESULT_TEXT	REPORTING_DETECTION_LIMIT	METHOD_DETECTION_LIMIT
18120405	DUP 002-WG-20181205	12/5/2018	FD	SW8260B	N	Benzene	Y	66.4	66.4	0.5	0.1
18120405	DUP 002-WG-20181205	12/5/2018	FD	SW8260B	N	Ethylbenzene	Y	6.7	6.7	2.0	0.1
18120405	DUP 002-WG-20181205	12/5/2018	FD	SW8260B	N	Toluene	Y	31.3	31.3	2.0	0.1
18120405	DUP 002-WG-20181205	12/5/2018	FD	SW8260B	N	Xylene, Total	Y	18	18.0	2.0	0.2
18120405	DUP 003-WG-20181205	12/5/2018	FD	Field Measure	N	Depth to Water, Field	Y	29.28	29.28		
18120405	DUP 003-WG-20181205	12/5/2018	FD	Field Measure	N	Dissolved Oxygen	Y	0.19	0.19		
18120405	DUP 003-WG-20181205	12/5/2018	FD	Field Measure	N	Oxidation-Reduction Potential, Field	Y	-110.5	-110.5		
18120405	DUP 003-WG-20181205	12/5/2018	FD	Field Measure	N	pH, Field	Y	7.31	7.31		
18120405	DUP 003-WG-20181205	12/5/2018	FD	Field Measure	N	Specific Conductivity	Y	624.1	624.1		
18120405	DUP 003-WG-20181205	12/5/2018	FD	Field Measure	N	Temperature, Field	Y	13.9	13.9		
18120405	DUP 003-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Acenaphthene	Y	0.000368	0.000368	0.000100	0.000050
18120405	DUP 003-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Acenaphthylene	Y	0.00053	0.000530	0.000100	0.000050
18120405	DUP 003-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Anthracene	N			0.000100	0.000070
18120405	DUP 003-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Benzo(a)anthracene	N			0.000100	0.000050
18120405	DUP 003-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Benzo(a)pyrene	N			0.000100	0.000050
18120405	DUP 003-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Benzo(b)fluoranthene	N			0.000100	0.000050
18120405	DUP 003-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Benzo(g,h,i)perylene	N			0.000100	0.000040
18120405	DUP 003-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Benzo(k)fluoranthene	N			0.000100	0.000050
18120405	DUP 003-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Chrysene	N			0.000100	0.000040
18120405	DUP 003-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Dibenzo(a,h)anthracene	N			0.000100	0.000060
18120405	DUP 003-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Fluoranthene	N			0.000200	0.000190
18120405	DUP 003-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Fluorene	N			0.000100	0.000090
18120405	DUP 003-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Indeno(1,2,3-cd)pyrene	N			0.000100	0.000080
18120405	DUP 003-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Naphthalene	N	2.2	2.20	2.20	0.170
18120405	DUP 003-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Phenanthrene	N			0.000400	0.000380
18120405	DUP 003-WG-20181205	12/5/2018	FD	SW8270C SIM	N	Pyrene	N			0.000200	0.000100
18120405	DUP 003-WG-20181205	12/5/2018	FD	SW6010B	T	Arsenic	N			0.0250	0.0087
18120405	DUP 003-WG-20181205	12/5/2018	FD	SW6010B	T	Barium	Y	0.0629	0.0629	0.0025	0.0007
18120405	DUP 003-WG-20181205	12/5/2018	FD	SW6010B	T	Cadmium	N			0.0020	0.0005
18120405	DUP 003-WG-20181205	12/5/2018	FD	SW6010B	T	Chromium	N			0.0050	0.0015
18120405	DUP 003-WG-20181205	12/5/2018	FD	SW6010B	T	Lead	N			0.0075	0.0040
18120405	DUP 003-WG-20181205	12/5/2018	FD	SW6010B	T	Selenium	N			0.0400	0.0170
18120405	DUP 003-WG-20181205	12/5/2018	FD	SW6010B	T	Silver	N			0.0070	0.0027
18120405	DUP 003-WG-20181205	12/5/2018	FD	SW7470A	T	Mercury	N			0.00020	0.00006
18120405	DUP 003-WG-20181205	12/5/2018	FD	SW9012A	N	Cyanide CN-	Y	0.134	0.134	0.025	0.015
18120405	DUP 003-WG-20181205	12/5/2018	FD	SW8260B	N	Benzene	Y	511	511	5.0	1.0
18120405	DUP 003-WG-20181205	12/5/2018	FD	SW8260B	N	Ethylbenzene	Y	886	886	20.0	1.0
18120405	DUP 003-WG-20181205	12/5/2018	FD	SW8260B	N	Toluene	N			20.0	1.0
18120405	DUP 003-WG-20181205	12/5/2018	FD	SW8260B	N	Xylene, Total	Y	238	238	20.0	1.8
18120405	EB-01-WQ-20181205	12/5/2018	N	SW8270C SIM	N	Acenaphthene	N			0.000100	0.000050
18120405	EB-01-WQ-20181205	12/5/2018	N	SW8270C SIM	N	Acenaphthylene	N			0.000100	0.000050
18120405	EB-01-WQ-20181205	12/5/2018	N	SW8270C SIM	N	Anthracene	N			0.000100	0.000070
18120405	EB-01-WQ-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(a)anthracene	N			0.000100	0.000050
18120405	EB-01-WQ-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(a)pyrene	N			0.000100	0.000050
18120405	EB-01-WQ-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(b)fluoranthene	N			0.000100	0.000050
18120405	EB-01-WQ-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(g,h,i)perylene	N			0.000100	0.000040
18120405	EB-01-WQ-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(k)fluoranthene	N			0.000100	0.000050
18120405	EB-01-WQ-20181205	12/5/2018	N	SW8270C SIM	N	Chrysene	N			0.000100	0.000040
18120405	EB-01-WQ-20181205	12/5/2018	N	SW8270C SIM	N	Dibenzo(a,h)anthracene	N			0.000100	0.000060
18120405	EB-01-WQ-20181205	12/5/2018	N	SW8270C SIM	N	Fluoranthene	N			0.000200	0.000190
18120405	EB-01-WQ-20181205	12/5/2018	N	SW8270C SIM	N	Fluorene	N			0.000100	0.000090
18120405	EB-01-WQ-20181205	12/5/2018	N	SW8270C SIM	N	Indeno(1,2,3-cd)pyrene	N			0.000100	0.000080
18120405	EB-01-WQ-20181205	12/5/2018	N	SW8270C SIM	N	Naphthalene	Y	0.00325	0.00325	0.000200	0.000170
18120405	EB-01-WQ-20181205	12/5/2018	N	SW8270C SIM	N	Phenanthrene	N			0.000400	0.000380
18120405	EB-01-WQ-20181205	12/5/2018	N	SW8270C SIM	N	Pyrene	N			0.000200	0.000100
18120405	EB-01-WQ-20181205	12/5/2018	N	SW6010B	T	Arsenic	N	0	0	25	8.7
18120405	EB-01-WQ-20181205	12/5/2018	N	SW6010B	T	Barium	N	1.9	1.9	2.5	0.70
18120405	EB-01-WQ-20181205	12/5/2018	N	SW6010B	T	Cadmium	N	0	0	2.0	0.50
18120405	EB-01-WQ-20181205	12/5/2018	N	SW6010B	T	Chromium	N	0	0	5.0	1.5
18120405	EB-01-WQ-20181205	12/5/2018	N	SW6010B	T	Lead	N	0	0	7.5	4.0
18120405	EB-01-WQ-20181205	12/5/2018	N	SW6010B	T	Selenium	N	0	0	40	17
18120405	EB-01-WQ-20181205	12/5/2018	N	SW6010B	T	Silver	N	0	0	7.0	2.7
18120405	EB-01-WQ-20181205	12/5/2018	N	SW7470A	T	Mercury	N	0	0	0.20	0.055
18120405	EB-01-WQ-20181205	12/5/2018	N	SW9012A	N	Cyanide CN-	N			0.005	0.003
18120405	EB-01-WQ-20181205	12/5/2018	N	SW8260B	N	Benzene	N			0.5	0.1
18120405	EB-01-WQ-20181205	12/5/2018	N	SW8260B	N	Ethylbenzene	N			2.0	0.1

FIELD_SDG	SYS_SAMPLE_CODE	SAMPLE_DATE	SAMPLE_TYPE_CODE	ANALYTIC_METHOD	FRACTION	CHEMICAL_NAME	DETECT_FLAG	RESULT_NUMERIC	RESULT_TEXT	REPORTING_DETECTION_LIMIT	METHOD_DETECTION_LIMIT
18120405	EB-01-WQ-20181205	12/5/2018	N	SW8260B	N	Toluene	N			2.0	0.1
18120405	EB-01-WQ-20181205	12/5/2018	N	SW8260B	N	Xylene, Total	N			2.0	0.2
18120405	MBLK 181206 TCN1	12/6/2018	LB	SW9012A	N	Cyanide CN-	N			0.005	0.003
18120405	MBLK 181206 TCN2	12/6/2018	LB	SW9012A	N	Cyanide CN-	N			0.005	0.003
18120405	MBLK 181207 TCN1	12/7/2018	LB	SW9012A	N	Cyanide CN-	N			0.005	0.003
18120405	MBLK-148411	12/6/2018	LB	SW8270C SIM	N	Acenaphthene	N			0.000100	0.000050
18120405	MBLK-148411	12/6/2018	LB	SW8270C SIM	N	Acenaphthylene	N			0.000100	0.000050
18120405	MBLK-148411	12/6/2018	LB	SW8270C SIM	N	Anthracene	Y	0.000207	0.000207	0.000100	0.000070
18120405	MBLK-148411	12/6/2018	LB	SW8270C SIM	N	Benzo(a)anthracene	N			0.000100	0.000050
18120405	MBLK-148411	12/6/2018	LB	SW8270C SIM	N	Benzo(a)pyrene	N			0.000100	0.000050
18120405	MBLK-148411	12/6/2018	LB	SW8270C SIM	N	Benzo(b)fluoranthene	N			0.000100	0.000050
18120405	MBLK-148411	12/6/2018	LB	SW8270C SIM	N	Benzo(g,h,i)perylene	N			0.000100	0.000040
18120405	MBLK-148411	12/6/2018	LB	SW8270C SIM	N	Benzo(k)fluoranthene	N			0.000100	0.000050
18120405	MBLK-148411	12/6/2018	LB	SW8270C SIM	N	Chrysene	N			0.000100	0.000040
18120405	MBLK-148411	12/6/2018	LB	SW8270C SIM	N	Dibenzo(a,h)anthracene	N			0.000100	0.000060
18120405	MBLK-148411	12/6/2018	LB	SW8270C SIM	N	Fluoranthene	Y	0.000275	0.000275	0.000200	0.000190
18120405	MBLK-148411	12/6/2018	LB	SW8270C SIM	N	Fluorene	N			0.000100	0.000090
18120405	MBLK-148411	12/6/2018	LB	SW8270C SIM	N	Indeno(1,2,3-cd)pyrene	N			0.000100	0.000080
18120405	MBLK-148411	12/6/2018	LB	SW8270C SIM	N	Naphthalene	N			0.000200	0.000170
18120405	MBLK-148411	12/6/2018	LB	SW8270C SIM	N	Phenanthrene	N			0.000400	0.000380
18120405	MBLK-148411	12/6/2018	LB	SW8270C SIM	N	Pyrene	Y	0.000217	0.000217	0.000200	0.000100
18120405	MBLK-148436	12/6/2018	LB	E200.7	T	Arsenic	N			0.0250	0.0087
18120405	MBLK-148436	12/6/2018	LB	E200.7	T	Barium	N			0.0025	0.0007
18120405	MBLK-148436	12/6/2018	LB	E200.7	T	Cadmium	N			0.0020	0.0005
18120405	MBLK-148436	12/6/2018	LB	E200.7	T	Chromium	N			0.0050	0.0028
18120405	MBLK-148436	12/6/2018	LB	E200.7	T	Lead	N			0.0150	0.0040
18120405	MBLK-148436	12/6/2018	LB	E200.7	T	Selenium	N			0.0400	0.0170
18120405	MBLK-148436	12/6/2018	LB	E200.7	T	Silver	N			0.0070	0.0027
18120405	MBLK-148437	12/6/2018	LB	SW6010B	T	Arsenic	N	0	0	25.0	8.70
18120405	MBLK-148437	12/6/2018	LB	SW6010B	T	Barium	N	0	0	2.50	0.700
18120405	MBLK-148437	12/6/2018	LB	SW6010B	T	Cadmium	N	0	0	2.00	0.500
18120405	MBLK-148437	12/6/2018	LB	SW6010B	T	Chromium	N	0	0	5.00	2.80
18120405	MBLK-148437	12/6/2018	LB	SW6010B	T	Lead	N	0	0	15.0	4.00
18120405	MBLK-148437	12/6/2018	LB	SW6010B	T	Selenium	N	0	0	40.0	17.0
18120405	MBLK-148437	12/6/2018	LB	SW6010B	T	Silver	N	0	0	7.00	2.70
18120405	MBLK-148445	12/6/2018	LB	SW7470A	T	Mercury	N	0	0	0.200	0.0550
18120405	MBLK-148446	12/6/2018	LB	E245.1	T	Mercury	N			0.00020	0.00006
18120405	MBLK-148504	12/10/2018	LB	SW8270C SIM	N	Acenaphthene	N			0.000100	0.000050
18120405	MBLK-148504	12/10/2018	LB	SW8270C SIM	N	Acenaphthylene	N			0.000100	0.000050
18120405	MBLK-148504	12/10/2018	LB	SW8270C SIM	N	Anthracene	N			0.000100	0.000070
18120405	MBLK-148504	12/10/2018	LB	SW8270C SIM	N	Benzo(a)anthracene	N			0.000100	0.000050
18120405	MBLK-148504	12/10/2018	LB	SW8270C SIM	N	Benzo(a)pyrene	N			0.000100	0.000050
18120405	MBLK-148504	12/10/2018	LB	SW8270C SIM	N	Benzo(b)fluoranthene	N			0.000100	0.000050
18120405	MBLK-148504	12/10/2018	LB	SW8270C SIM	N	Benzo(g,h,i)perylene	N			0.000100	0.000040
18120405	MBLK-148504	12/10/2018	LB	SW8270C SIM	N	Benzo(k)fluoranthene	N			0.000100	0.000050
18120405	MBLK-148504	12/10/2018	LB	SW8270C SIM	N	Chrysene	N			0.000100	0.000040
18120405	MBLK-148504	12/10/2018	LB	SW8270C SIM	N	Dibenzo(a,h)anthracene	Y	0.000108	0.000108	0.000100	0.000060
18120405	MBLK-148504	12/10/2018	LB	SW8270C SIM	N	Fluoranthene	N			0.000200	0.000190
18120405	MBLK-148504	12/10/2018	LB	SW8270C SIM	N	Fluorene	N			0.000100	0.000090
18120405	MBLK-148504	12/10/2018	LB	SW8270C SIM	N	Indeno(1,2,3-cd)pyrene	Y	0.000122	0.000122	0.000100	0.000080
18120405	MBLK-148504	12/10/2018	LB	SW8270C SIM	N	Naphthalene	N			0.000200	0.000170
18120405	MBLK-148504	12/10/2018	LB	SW8270C SIM	N	Phenanthrene	N			0.000400	0.000380
18120405	MBLK-148504	12/10/2018	LB	SW8270C SIM	N	Pyrene	N			0.000200	0.000100
18120405	MBLK-148524	12/10/2018	LB	SW8270C SIM	N	Acenaphthene	N			0.000100	0.000050
18120405	MBLK-148524	12/10/2018	LB	SW8270C SIM	N	Acenaphthylene	N			0.000100	0.000050
18120405	MBLK-148524	12/10/2018	LB	SW8270C SIM	N	Anthracene	N			0.000100	0.000070
18120405	MBLK-148524	12/10/2018	LB	SW8270C SIM	N	Benzo(a)anthracene	N			0.000100	0.000050
18120405	MBLK-148524	12/10/2018	LB	SW8270C SIM	N	Benzo(a)pyrene	N			0.000100	0.000050
18120405	MBLK-148524	12/10/2018	LB	SW8270C SIM	N	Benzo(b)fluoranthene	N			0.000100	0.000050

FIELD_SDG	SYS_SAMPLE_CODE	SAMPLE_DATE	SAMPLE_TYPE_CODE	ANALYTIC_METHOD	FRACTION	CHEMICAL_NAME	DETECT_FLAG	RESULT_NUMERIC	RESULT_TEXT	REPORTING_DETECTION_LIMIT	METHOD_DETECTION_LIMIT
18120405	MBLK-148524	12/10/2018	LB	SW8270C SIM	N	Benzo(g,h,i)perylene	N			0.000100	0.000040
18120405	MBLK-148524	12/10/2018	LB	SW8270C SIM	N	Benzo(k)fluoranthene	N			0.000100	0.000050
18120405	MBLK-148524	12/10/2018	LB	SW8270C SIM	N	Chrysene	N			0.000100	0.000040
18120405	MBLK-148524	12/10/2018	LB	SW8270C SIM	N	Dibenzo(a,h)anthracene	N			0.000100	0.000060
18120405	MBLK-148524	12/10/2018	LB	SW8270C SIM	N	Fluoranthene	N			0.000200	0.000190
18120405	MBLK-148524	12/10/2018	LB	SW8270C SIM	N	Fluorene	N			0.000100	0.000090
18120405	MBLK-148524	12/10/2018	LB	SW8270C SIM	N	Indeno(1,2,3-cd)pyrene	N			0.000100	0.000080
18120405	MBLK-148524	12/10/2018	LB	SW8270C SIM	N	Naphthalene	N			0.000200	0.000170
18120405	MBLK-148524	12/10/2018	LB	SW8270C SIM	N	Phenanthrene	N			0.000400	0.000380
18120405	MBLK-148524	12/10/2018	LB	SW8270C SIM	N	Pyrene	N			0.000200	0.000100
18120405	MBLK-N181207A-2	12/7/2018	LB	SW8260B	N	Benzene	N			0.5	0.1
18120405	MBLK-N181207A-2	12/7/2018	LB	SW8260B	N	Ethylbenzene	N			2.0	0.1
18120405	MBLK-N181207A-2	12/7/2018	LB	SW8260B	N	Toluene	N			2.0	0.1
18120405	MBLK-N181207A-2	12/7/2018	LB	SW8260B	N	Xylene, Total	N			4.0	0.3
18120405	MBLK-N181210A-1	12/10/2018	LB	SW8260B	N	Benzene	N			0.5	0.1
18120405	MBLK-N181210A-1	12/10/2018	LB	SW8260B	N	Dibromofluoromethane	Y	49.7	49.7	0	0
18120405	MBLK-N181210A-1	12/10/2018	LB	SW8260B	N	Ethylbenzene	N			2.0	0.1
18120405	MBLK-N181210A-1	12/10/2018	LB	SW8260B	N	Toluene	N			2.0	0.1
18120405	MBLK-N181210A-1	12/10/2018	LB	SW8260B	N	Xylene, Total	N			4.0	0.3
18120405	MBLK-N181212A-1	12/12/2018	LB	SW8260B	N	Benzene	N			0.5	0.1
18120405	MBLK-N181212A-1	12/12/2018	LB	SW8260B	N	Ethylbenzene	N			2.0	0.1
18120405	MBLK-N181212A-1	12/12/2018	LB	SW8260B	N	Toluene	N			2.0	0.1
18120405	MBLK-N181212A-1	12/12/2018	LB	SW8260B	N	Xylene, Total	N			4.0	0.3
18120405	MBLK-T181207A-3	12/7/2018	LB	SW8260B	N	Benzene	N			0.5	0.1
18120405	MBLK-T181207A-3	12/7/2018	LB	SW8260B	N	Ethylbenzene	N			2.0	0.1
18120405	MBLK-T181207A-3	12/7/2018	LB	SW8260B	N	Toluene	N			2.0	0.1
18120405	MBLK-T181207A-3	12/7/2018	LB	SW8260B	N	Xylene, Total	N			4.0	0.3
18120405	MBLK-T181211A-1	12/11/2017	LB	SW8260B	N	Benzene	N			0.5	0.1
18120405	MBLK-T181211A-1	12/11/2017	LB	SW8260B	N	Ethylbenzene	N			2.0	0.1
18120405	MBLK-T181211A-1	12/11/2017	LB	SW8260B	N	Toluene	N			2.0	0.1
18120405	MBLK-T181211A-1	12/11/2017	LB	SW8260B	N	Xylene, Total	N			4.0	0.3
18120405	TB-01-WQ-201812	12/6/2018	TB	SW8260B	N	Benzene	N			0.5	0.1
18120405	TB-01-WQ-201812	12/6/2018	TB	SW8260B	N	Ethylbenzene	N			2.0	0.1
18120405	TB-01-WQ-201812	12/6/2018	TB	SW8260B	N	Toluene	N			2.0	0.1
18120405	TB-01-WQ-201812	12/6/2018	TB	SW8260B	N	Xylene, Total	N			2.0	0.2
18120405	UMW-102-WG-20181203	12/3/2018	N	Field Measure	N	Depth to Water, Field	Y	6.55	6.55		
18120405	UMW-102-WG-20181203	12/3/2018	N	Field Measure	N	Dissolved Oxygen	Y	1.04	1.04		
18120405	UMW-102-WG-20181203	12/3/2018	N	Field Measure	N	Oxidation-Reduction Potential, Field	Y	93.3	93.3		
18120405	UMW-102-WG-20181203	12/3/2018	N	Field Measure	N	pH, Field	Y	6.64	6.64		
18120405	UMW-102-WG-20181203	12/3/2018	N	Field Measure	N	Specific Conductivity	Y	1040	1040		
18120405	UMW-102-WG-20181203	12/3/2018	N	Field Measure	N	Temperature, Field	Y	15.2	15.2		
18120405	UMW-102-WG-20181203	12/3/2018	N	SW8270C SIM	N	Acenaphthene	N			0.000100	0.000050
18120405	UMW-102-WG-20181203	12/3/2018	N	SW8270C SIM	N	Acenaphthylene	N			0.000100	0.000050
18120405	UMW-102-WG-20181203	12/3/2018	N	SW8270C SIM	N	Anthracene	N			0.000100	0.000070
18120405	UMW-102-WG-20181203	12/3/2018	N	SW8270C SIM	N	Benzo(a)anthracene	N			0.000100	0.000050
18120405	UMW-102-WG-20181203	12/3/2018	N	SW8270C SIM	N	Benzo(a)pyrene	N			0.000100	0.000050
18120405	UMW-102-WG-20181203	12/3/2018	N	SW8270C SIM	N	Benzo(b)fluoranthene	N			0.000100	0.000050
18120405	UMW-102-WG-20181203	12/3/2018	N	SW8270C SIM	N	Benzo(g,h,i)perylene	N			0.000100	0.000040
18120405	UMW-102-WG-20181203	12/3/2018	N	SW8270C SIM	N	Benzo(k)fluoranthene	N			0.000100	0.000050
18120405	UMW-102-WG-20181203	12/3/2018	N	SW8270C SIM	N	Chrysene	N			0.000100	0.000040
18120405	UMW-102-WG-20181203	12/3/2018	N	SW8270C SIM	N	Dibenzo(a,h)anthracene	N			0.000100	0.000060
18120405	UMW-102-WG-20181203	12/3/2018	N	SW8270C SIM	N	Fluoranthene	N			0.000200	0.000190
18120405	UMW-102-WG-20181203	12/3/2018	N	SW8270C SIM	N	Fluorene	N			0.000100	0.000090
18120405	UMW-102-WG-20181203	12/3/2018	N	SW8270C SIM	N	Indeno(1,2,3-cd)pyrene	N			0.000100	0.000080
18120405	UMW-102-WG-20181203	12/3/2018	N	SW8270C SIM	N	Naphthalene	N			0.000200	0.000170
18120405	UMW-102-WG-20181203	12/3/2018	N	SW8270C SIM	N	Phenanthrene	N			0.000400	0.000380
18120405	UMW-102-WG-20181203	12/3/2018	N	SW8270C SIM	N	Pyrene	N			0.000200	0.000100
18120405	UMW-102-WG-20181203	12/3/2018	N	SW6010B	T	Arsenic	N			0.0250	0.0087
18120405	UMW-102-WG-20181203	12/3/2018	N	SW6010B	T	Barium	Y	0.0741	0.0741	0.0025	0.0007
18120405	UMW-102-WG-20181203	12/3/2018	N	SW6010B	T	Cadmium	N			0.0020	0.0005
18120405	UMW-102-WG-20181203	12/3/2018	N	SW6010B	T	Chromium	N			0.0050	0.0015
18120405	UMW-102-WG-20181203	12/3/2018	N	SW6010B	T	Lead	N			0.0075	0.0040
18120405	UMW-102-WG-20181203	12/3/2018	N	SW6010B	T	Selenium	N			0.0400	0.0170
18120405	UMW-102-WG-20181203	12/3/2018	N	SW6010B	T	Silver	N			0.0070	0.0027
18120405	UMW-102-WG-20181203	12/3/2018	N	SW7470A	T	Mercury	N			0.00020	0.00006
18120405	UMW-102-WG-20181203	12/3/2018	N	SW9012A	N	Cyanide CN-	N			0.005	0.003

FIELD_SDG	SYS_SAMPLE_CODE	SAMPLE_DATE	SAMPLE_TYPE_CODE	ANALYTIC_METHOD	FRACTION	CHEMICAL_NAME	DETECT_FLAG	RESULT_NUMERIC	RESULT_TEXT	REPORTING_DETECTION_LIMIT	METHOD_DETECTION_LIMIT
18120405	UMW-102-WG-20181203	12/3/2018	N	SW8260B	N	Benzene	N			0.5	0.1
18120405	UMW-102-WG-20181203	12/3/2018	N	SW8260B	N	Ethylbenzene	N			2.0	0.1
18120405	UMW-102-WG-20181203	12/3/2018	N	SW8260B	N	Toluene	N			2.0	0.1
18120405	UMW-102-WG-20181203	12/3/2018	N	SW8260B	N	Xylene, Total	N			2.0	0.2
18120405	UMW-105-WG-20181205	12/5/2018	N	Field Measure	N	Depth to Water, Field	Y	12.65	12.65		
18120405	UMW-105-WG-20181205	12/5/2018	N	Field Measure	N	Dissolved Oxygen	Y	0.75	0.75		
18120405	UMW-105-WG-20181205	12/5/2018	N	Field Measure	N	Oxidation-Reduction Potential, Field	Y	72.9	72.9		
18120405	UMW-105-WG-20181205	12/5/2018	N	Field Measure	N	pH, Field	Y	7.13	7.13		
18120405	UMW-105-WG-20181205	12/5/2018	N	Field Measure	N	Specific Conductivity	Y	1360	1360		
18120405	UMW-105-WG-20181205	12/5/2018	N	Field Measure	N	Temperature, Field	Y	14.9	14.9		
18120405	UMW-105-WG-20181205	12/5/2018	N	SW8270C SIM	N	Acenaphthene	N			0.000100	0.000050
18120405	UMW-105-WG-20181205	12/5/2018	N	SW8270C SIM	N	Acenaphthylene	N			0.000100	0.000050
18120405	UMW-105-WG-20181205	12/5/2018	N	SW8270C SIM	N	Anthracene	N			0.000100	0.000070
18120405	UMW-105-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(a)anthracene	N			0.000100	0.000050
18120405	UMW-105-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(a)pyrene	N			0.000100	0.000050
18120405	UMW-105-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(b)fluoranthene	N			0.000100	0.000050
18120405	UMW-105-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(g,h,i)perylene	N			0.000100	0.000040
18120405	UMW-105-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(k)fluoranthene	N			0.000100	0.000050
18120405	UMW-105-WG-20181205	12/5/2018	N	SW8270C SIM	N	Chrysene	N			0.000100	0.000040
18120405	UMW-105-WG-20181205	12/5/2018	N	SW8270C SIM	N	Dibenzo(a,h)anthracene	N			0.000100	0.000060
18120405	UMW-105-WG-20181205	12/5/2018	N	SW8270C SIM	N	Fluoranthene	N			0.000200	0.000190
18120405	UMW-105-WG-20181205	12/5/2018	N	SW8270C SIM	N	Fluorene	N			0.000100	0.000090
18120405	UMW-105-WG-20181205	12/5/2018	N	SW8270C SIM	N	Indeno(1,2,3-cd)pyrene	N			0.000100	0.000080
18120405	UMW-105-WG-20181205	12/5/2018	N	SW8270C SIM	N	Naphthalene	N			0.000200	0.000170
18120405	UMW-105-WG-20181205	12/5/2018	N	SW8270C SIM	N	Phenanthrene	N			0.000400	0.000380
18120405	UMW-105-WG-20181205	12/5/2018	N	SW8270C SIM	N	Pyrene	N			0.000200	0.000100
18120405	UMW-105-WG-20181205	12/5/2018	N	SW9012A	N	Cyanide CN-	Y	0.057	0.057	0.025	0.015
18120405	UMW-105-WG-20181205	12/5/2018	N	SW8260B	N	Benzene	N			0.5	0.1
18120405	UMW-105-WG-20181205	12/5/2018	N	SW8260B	N	Ethylbenzene	N			2.0	0.1
18120405	UMW-105-WG-20181205	12/5/2018	N	SW8260B	N	Toluene	N			2.0	0.1
18120405	UMW-105-WG-20181205	12/5/2018	N	SW8260B	N	Xylene, Total	N			2.0	0.2
18120405	UMW-105-WG-201812105	12/5/2018	N	SW6010B	T	Arsenic	N			0.0250	0.0087
18120405	UMW-105-WG-201812105	12/5/2018	N	SW6010B	T	Barium	Y	0.0576	0.0576	0.0025	0.0007
18120405	UMW-105-WG-201812105	12/5/2018	N	SW6010B	T	Cadmium	N			0.0020	0.0005
18120405	UMW-105-WG-201812105	12/5/2018	N	SW6010B	T	Chromium	N			0.0050	0.0015
18120405	UMW-105-WG-201812105	12/5/2018	N	SW6010B	T	Lead	N			0.0075	0.0040
18120405	UMW-105-WG-201812105	12/5/2018	N	SW6010B	T	Selenium	N			0.0400	0.0170
18120405	UMW-105-WG-201812105	12/5/2018	N	SW6010B	T	Silver	N			0.0070	0.0027
18120405	UMW-105-WG-201812105	12/5/2018	N	SW7470A	T	Mercury	N			0.00020	0.00006
18120405	UMW-106R-WG-20181204	12/4/2018	N	Field Measure	N	Depth to Water, Field	Y	7.5	7.5		
18120405	UMW-106R-WG-20181204	12/4/2018	N	Field Measure	N	Dissolved Oxygen	Y	5.52	5.52		
18120405	UMW-106R-WG-20181204	12/4/2018	N	Field Measure	N	Oxidation-Reduction Potential, Field	Y	206.4	206.4		
18120405	UMW-106R-WG-20181204	12/4/2018	N	Field Measure	N	pH, Field	Y	6.9	6.9		
18120405	UMW-106R-WG-20181204	12/4/2018	N	Field Measure	N	Specific Conductivity	Y	1220	1220		
18120405	UMW-106R-WG-20181204	12/4/2018	N	Field Measure	N	Temperature, Field	Y	14.2	14.2		
18120405	UMW-106R-WG-20181204	12/4/2018	N	SW8270C SIM	N	Acenaphthene	N			0.000100	0.000050
18120405	UMW-106R-WG-20181204	12/4/2018	N	SW8270C SIM	N	Acenaphthylene	N			0.000100	0.000050
18120405	UMW-106R-WG-20181204	12/4/2018	N	SW8270C SIM	N	Anthracene	N			0.000100	0.000070
18120405	UMW-106R-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(a)anthracene	N			0.000100	0.000050
18120405	UMW-106R-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(a)pyrene	N			0.000100	0.000050
18120405	UMW-106R-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(b)fluoranthene	N			0.000100	0.000050
18120405	UMW-106R-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(g,h,i)perylene	N			0.000100	0.000040
18120405	UMW-106R-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(k)fluoranthene	N			0.000100	0.000050
18120405	UMW-106R-WG-20181204	12/4/2018	N	SW8270C SIM	N	Chrysene	N			0.000100	0.000040
18120405	UMW-106R-WG-20181204	12/4/2018	N	SW8270C SIM	N	Dibenzo(a,h)anthracene	N			0.000100	0.000060
18120405	UMW-106R-WG-20181204	12/4/2018	N	SW8270C SIM	N	Fluoranthene	N			0.000200	0.000190
18120405	UMW-106R-WG-20181204	12/4/2018	N	SW8270C SIM	N	Fluorene	N			0.000100	0.000090
18120405	UMW-106R-WG-20181204	12/4/2018	N	SW8270C SIM	N	Indeno(1,2,3-cd)pyrene	N			0.000100	0.000080
18120405	UMW-106R-WG-20181204	12/4/2018	N	SW8270C SIM	N	Naphthalene	N			0.000200	0.000170
18120405	UMW-106R-WG-20181204	12/4/2018	N	SW8270C SIM	N	Phenanthrene	N			0.000400	0.000380
18120405	UMW-106R-WG-20181204	12/4/2018	N	SW8270C SIM	N	Pyrene	N			0.000200	0.000100
18120405	UMW-106R-WG-20181204	12/4/2018	N	SW6010B	T	Arsenic	N			0.0250	0.0087
18120405	UMW-106R-WG-20181204	12/4/2018	N	SW6010B	T	Barium	Y	0.0924	0.0924	0.0025	0.0007
18120405	UMW-106R-WG-20181204	12/4/2018	N	SW6010B	T	Cadmium	N			0.0020	0.0005
18120405	UMW-106R-WG-20181204	12/4/2018	N	SW6010B	T	Chromium	N			0.0050	0.0015
18120405	UMW-106R-WG-20181204	12/4/2018	N	SW6010B	T	Lead	N			0.0075	0.0040

FIELD_SDG	SYS_SAMPLE_CODE	SAMPLE_DATE	SAMPLE_TYPE_CODE	ANALYTIC_METHOD	FRACTION	CHEMICAL_NAME	DETECT_FLAG	RESULT_NUMERIC	RESULT_TEXT	REPORTING_DETECTION_LIMIT	METHOD_DETECTION_LIMIT
18120405	UMW-106R-WG-20181204	12/4/2018	N	SW6010B	T	Selenium	N			0.0400	0.0170
18120405	UMW-106R-WG-20181204	12/4/2018	N	SW6010B	T	Silver	N			0.0070	0.0027
18120405	UMW-106R-WG-20181204	12/4/2018	N	SW7470A	T	Mercury	N			0.00020	0.00006
18120405	UMW-106R-WG-20181204	12/4/2018	N	SW9012A	N	Cyanide CN-	Y	0.018	0.018	0.005	0.003
18120405	UMW-106R-WG-20181204	12/4/2018	N	SW8260B	N	Benzene	N			0.5	0.1
18120405	UMW-106R-WG-20181204	12/4/2018	N	SW8260B	N	Ethylbenzene	N			2.0	0.1
18120405	UMW-106R-WG-20181204	12/4/2018	N	SW8260B	N	Toluene	N			2.0	0.1
18120405	UMW-106R-WG-20181204	12/4/2018	N	SW8260B	N	Xylene, Total	N			2.0	0.2
18120405	UMW-107R-WG-20181205	12/5/2018	N	Field Measure	N	Depth to Water, Field	Y	6.01	6.01		
18120405	UMW-107R-WG-20181205	12/5/2018	N	Field Measure	N	Dissolved Oxygen	Y	0.12	0.12		
18120405	UMW-107R-WG-20181205	12/5/2018	N	Field Measure	N	Oxidation-Reduction Potential, Field	Y	-84.7	-84.7		
18120405	UMW-107R-WG-20181205	12/5/2018	N	Field Measure	N	pH, Field	Y	7.06	7.06		
18120405	UMW-107R-WG-20181205	12/5/2018	N	Field Measure	N	Specific Conductivity	Y	2097	2097		
18120405	UMW-107R-WG-20181205	12/5/2018	N	Field Measure	N	Temperature, Field	Y	13.6	13.6		
18120405	UMW-107R-WG-20181205	12/5/2018	N	SW8270C SIM	N	Acenaphthene	N			0.000100	0.000050
18120405	UMW-107R-WG-20181205	12/5/2018	N	SW8270C SIM	N	Acenaphthylene	N			0.000100	0.000050
18120405	UMW-107R-WG-20181205	12/5/2018	N	SW8270C SIM	N	Anthracene	N			0.000100	0.000070
18120405	UMW-107R-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(a)anthracene	N			0.000100	0.000050
18120405	UMW-107R-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(a)pyrene	N			0.000100	0.000050
18120405	UMW-107R-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(b)fluoranthene	N			0.000100	0.000050
18120405	UMW-107R-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(g,h,i)perylene	N			0.000100	0.000040
18120405	UMW-107R-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(k)fluoranthene	N			0.000100	0.000050
18120405	UMW-107R-WG-20181205	12/5/2018	N	SW8270C SIM	N	Chrysene	N			0.000100	0.000040
18120405	UMW-107R-WG-20181205	12/5/2018	N	SW8270C SIM	N	Dibenzo(a,h)anthracene	N			0.000100	0.000060
18120405	UMW-107R-WG-20181205	12/5/2018	N	SW8270C SIM	N	Fluoranthene	N			0.000200	0.000190
18120405	UMW-107R-WG-20181205	12/5/2018	N	SW8270C SIM	N	Fluorene	N			0.000100	0.000090
18120405	UMW-107R-WG-20181205	12/5/2018	N	SW8270C SIM	N	Indeno(1,2,3-cd)pyrene	N			0.000100	0.000080
18120405	UMW-107R-WG-20181205	12/5/2018	N	SW8270C SIM	N	Naphthalene	N			0.000200	0.000170
18120405	UMW-107R-WG-20181205	12/5/2018	N	SW8270C SIM	N	Phenanthrene	N			0.000400	0.000380
18120405	UMW-107R-WG-20181205	12/5/2018	N	SW8270C SIM	N	Pyrene	N			0.000200	0.000100
18120405	UMW-107R-WG-20181205	12/5/2018	N	SW6010B	T	Arsenic	N			0.0250	0.0087
18120405	UMW-107R-WG-20181205	12/5/2018	N	SW6010B	T	Barium	Y	0.173	0.173	0.0025	0.0007
18120405	UMW-107R-WG-20181205	12/5/2018	N	SW6010B	T	Cadmium	N			0.0020	0.0005
18120405	UMW-107R-WG-20181205	12/5/2018	N	SW6010B	T	Chromium	Y	0.0128	0.0128	0.0050	0.0015
18120405	UMW-107R-WG-20181205	12/5/2018	N	SW6010B	T	Lead	N			0.0075	0.0040
18120405	UMW-107R-WG-20181205	12/5/2018	N	SW6010B	T	Selenium	N			0.0400	0.0170
18120405	UMW-107R-WG-20181205	12/5/2018	N	SW6010B	T	Silver	N			0.0070	0.0027
18120405	UMW-107R-WG-20181205	12/5/2018	N	SW7470A	T	Mercury	N			0.00020	0.00006
18120405	UMW-107R-WG-20181205	12/5/2018	N	SW9012A	N	Cyanide CN-	Y	0.414	0.414	0.100	0.060
18120405	UMW-107R-WG-20181205	12/5/2018	N	SW8260B	N	Benzene	Y	3.7	3.7	0.5	0.1
18120405	UMW-107R-WG-20181205	12/5/2018	N	SW8260B	N	Ethylbenzene	N			2.0	0.1
18120405	UMW-107R-WG-20181205	12/5/2018	N	SW8260B	N	Toluene	N			2.0	0.1
18120405	UMW-107R-WG-20181205	12/5/2018	N	SW8260B	N	Xylene, Total	N			2.0	0.2
18120405	UMW-108-WG-20181204	12/4/2018	N	Field Measure	N	Depth to Water, Field	Y	6.2	6.2		
18120405	UMW-108-WG-20181204	12/4/2018	N	Field Measure	N	Dissolved Oxygen	Y	1.13	1.13		
18120405	UMW-108-WG-20181204	12/4/2018	N	Field Measure	N	Oxidation-Reduction Potential, Field	Y	265.4	265.4		
18120405	UMW-108-WG-20181204	12/4/2018	N	Field Measure	N	pH, Field	Y	6.52	6.52		
18120405	UMW-108-WG-20181204	12/4/2018	N	Field Measure	N	Specific Conductivity	Y	980	980		
18120405	UMW-108-WG-20181204	12/4/2018	N	Field Measure	N	Temperature, Field	Y	15	15		
18120405	UMW-108-WG-20181204	12/4/2018	N	SW8270C SIM	N	Acenaphthene	N			0.000100	0.000050
18120405	UMW-108-WG-20181204	12/4/2018	N	SW8270C SIM	N	Acenaphthylene	N			0.000100	0.000050
18120405	UMW-108-WG-20181204	12/4/2018	N	SW8270C SIM	N	Anthracene	N			0.000100	0.000070
18120405	UMW-108-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(a)anthracene	N			0.000100	0.000050
18120405	UMW-108-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(a)pyrene	N			0.000100	0.000050
18120405	UMW-108-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(b)fluoranthene	N			0.000100	0.000050
18120405	UMW-108-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(g,h,i)perylene	N			0.000100	0.000040
18120405	UMW-108-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(k)fluoranthene	N			0.000100	0.000050
18120405	UMW-108-WG-20181204	12/4/2018	N	SW8270C SIM	N	Chrysene	N			0.000100	0.000040
18120405	UMW-108-WG-20181204	12/4/2018	N	SW8270C SIM	N	Dibenzo(a,h)anthracene	N			0.000100	0.000060
18120405	UMW-108-WG-20181204	12/4/2018	N	SW8270C SIM	N	Fluoranthene	N			0.000200	0.000190
18120405	UMW-108-WG-20181204	12/4/2018	N	SW8270C SIM	N	Fluorene	N			0.000100	0.000090
18120405	UMW-108-WG-20181204	12/4/2018	N	SW8270C SIM	N	Indeno(1,2,3-cd)pyrene	N			0.000100	0.000080
18120405	UMW-108-WG-20181204	12/4/2018	N	SW8270C SIM	N	Naphthalene	N			0.000200	0.000170
18120405	UMW-108-WG-20181204	12/4/2018	N	SW8270C SIM	N	Phenanthrene	N			0.000400	0.000380
18120405	UMW-108-WG-20181204	12/4/2018	N	SW8270C SIM	N	Pyrene	N			0.000200	0.000100
18120405	UMW-108-WG-20181204	12/4/2018	N	SW6010B	T	Arsenic	N			0.0250	0.0087

FIELD_SDG	SYS_SAMPLE_CODE	SAMPLE_DATE	SAMPLE_TYPE_CODE	ANALYTIC_METHOD	FRACTION	CHEMICAL_NAME	DETECT_FLAG	RESULT_NUMERIC	RESULT_TEXT	REPORTING_DETECTION_LIMIT	METHOD_DETECTION_LIMIT
18120405	UMW-108-WG-20181204	12/4/2018	N	SW6010B	T	Barium	Y	0.157	0.157	0.0025	0.0007
18120405	UMW-108-WG-20181204	12/4/2018	N	SW6010B	T	Cadmium	N			0.0020	0.0005
18120405	UMW-108-WG-20181204	12/4/2018	N	SW6010B	T	Chromium	N			0.0050	0.0015
18120405	UMW-108-WG-20181204	12/4/2018	N	SW6010B	T	Lead	N			0.0075	0.0040
18120405	UMW-108-WG-20181204	12/4/2018	N	SW6010B	T	Selenium	N			0.0400	0.0170
18120405	UMW-108-WG-20181204	12/4/2018	N	SW6010B	T	Silver	N			0.0070	0.0027
18120405	UMW-108-WG-20181204	12/4/2018	N	SW7470A	T	Mercury	N			0.00020	0.00006
18120405	UMW-108-WG-20181204	12/4/2018	N	SW9012A	N	Cyanide CN-	Y	0.028	0.028	0.005	0.003
18120405	UMW-108-WG-20181204	12/4/2018	N	SW8260B	N	Benzene	N			0.5	0.1
18120405	UMW-108-WG-20181204	12/4/2018	N	SW8260B	N	Ethylbenzene	N			2.0	0.1
18120405	UMW-108-WG-20181204	12/4/2018	N	SW8260B	N	Toluene	N			2.0	0.1
18120405	UMW-108-WG-20181204	12/4/2018	N	SW8260B	N	Xylene, Total	N			2.0	0.2
18120405	UMW-109-WG-20181204	12/4/2018	N	Field Measure	N	Depth to Water, Field	Y	9.38	9.38		
18120405	UMW-109-WG-20181204	12/4/2018	N	Field Measure	N	Dissolved Oxygen	Y	0.99	0.99		
18120405	UMW-109-WG-20181204	12/4/2018	N	Field Measure	N	Oxidation-Reduction Potential, Field	Y	-3.6	-3.6		
18120405	UMW-109-WG-20181204	12/4/2018	N	Field Measure	N	pH, Field	Y	6.98	6.98		
18120405	UMW-109-WG-20181204	12/4/2018	N	Field Measure	N	Specific Conductivity	Y	1728	1728		
18120405	UMW-109-WG-20181204	12/4/2018	N	Field Measure	N	Temperature, Field	Y	8.8	8.8		
18120405	UMW-109-WG-20181204	12/4/2018	N	SW8270C SIM	N	Acenaphthene	N			0.000100	0.000050
18120405	UMW-109-WG-20181204	12/4/2018	N	SW8270C SIM	N	Acenaphthylene	N			0.000100	0.000050
18120405	UMW-109-WG-20181204	12/4/2018	N	SW8270C SIM	N	Anthracene	N			0.000100	0.000070
18120405	UMW-109-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(a)anthracene	N			0.000100	0.000050
18120405	UMW-109-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(a)pyrene	N			0.000100	0.000050
18120405	UMW-109-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(b)fluoranthene	N			0.000100	0.000050
18120405	UMW-109-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(g,h,i)perylene	N			0.000100	0.000040
18120405	UMW-109-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(k)fluoranthene	N			0.000100	0.000050
18120405	UMW-109-WG-20181204	12/4/2018	N	SW8270C SIM	N	Chrysene	N			0.000100	0.000040
18120405	UMW-109-WG-20181204	12/4/2018	N	SW8270C SIM	N	Dibenzo(a,h)anthracene	N			0.000100	0.000060
18120405	UMW-109-WG-20181204	12/4/2018	N	SW8270C SIM	N	Fluoranthene	N			0.000200	0.000190
18120405	UMW-109-WG-20181204	12/4/2018	N	SW8270C SIM	N	Fluorene	N			0.000100	0.000090
18120405	UMW-109-WG-20181204	12/4/2018	N	SW8270C SIM	N	Indeno(1,2,3-cd)pyrene	N			0.000100	0.000080
18120405	UMW-109-WG-20181204	12/4/2018	N	SW8270C SIM	N	Naphthalene	N			0.000200	0.000170
18120405	UMW-109-WG-20181204	12/4/2018	N	SW8270C SIM	N	Phenanthrene	N			0.000400	0.000380
18120405	UMW-109-WG-20181204	12/4/2018	N	SW8270C SIM	N	Pyrene	N			0.000200	0.000100
18120405	UMW-109-WG-20181204	12/4/2018	N	SW6010B	T	Arsenic	N			0.0250	0.0087
18120405	UMW-109-WG-20181204	12/4/2018	N	SW6010B	T	Barium	Y	0.098	0.0980	0.0025	0.0007
18120405	UMW-109-WG-20181204	12/4/2018	N	SW6010B	T	Cadmium	N			0.0020	0.0005
18120405	UMW-109-WG-20181204	12/4/2018	N	SW6010B	T	Chromium	Y	0.0653	0.0653	0.0050	0.0015
18120405	UMW-109-WG-20181204	12/4/2018	N	SW6010B	T	Lead	N			0.0075	0.0040
18120405	UMW-109-WG-20181204	12/4/2018	N	SW6010B	T	Selenium	N			0.0400	0.0170
18120405	UMW-109-WG-20181204	12/4/2018	N	SW6010B	T	Silver	N			0.0070	0.0027
18120405	UMW-109-WG-20181204	12/4/2018	N	SW7470A	T	Mercury	N			0.00020	0.00006
18120405	UMW-109-WG-20181204	12/4/2018	N	SW9012A	N	Cyanide CN-	Y	0.024	0.024	0.005	0.003
18120405	UMW-109-WG-20181204	12/4/2018	N	SW8260B	N	Benzene	N			0.5	0.1
18120405	UMW-109-WG-20181204	12/4/2018	N	SW8260B	N	Ethylbenzene	N			2.0	0.1
18120405	UMW-109-WG-20181204	12/4/2018	N	SW8260B	N	Toluene	N			2.0	0.1
18120405	UMW-109-WG-20181204	12/4/2018	N	SW8260B	N	Xylene, Total	N			2.0	0.2
18120405	UMW-111A-WG-20181203	12/3/2018	N	Field Measure	N	Depth to Water, Field	Y	13.55	13.55		
18120405	UMW-111A-WG-20181203	12/3/2018	N	Field Measure	N	Dissolved Oxygen	Y	3.99	3.99		
18120405	UMW-111A-WG-20181203	12/3/2018	N	Field Measure	N	Oxidation-Reduction Potential, Field	Y	222	222		
18120405	UMW-111A-WG-20181203	12/3/2018	N	Field Measure	N	pH, Field	Y	7.1	7.1		
18120405	UMW-111A-WG-20181203	12/3/2018	N	Field Measure	N	Specific Conductivity	Y	1610	1610		
18120405	UMW-111A-WG-20181203	12/3/2018	N	Field Measure	N	Temperature, Field	Y	14.9	14.9		
18120405	UMW-111A-WG-20181203	12/3/2018	N	SW8270C SIM	N	Acenaphthene	N			0.000100	0.000050
18120405	UMW-111A-WG-20181203	12/3/2018	N	SW8270C SIM	N	Acenaphthylene	N			0.000100	0.000050
18120405	UMW-111A-WG-20181203	12/3/2018	N	SW8270C SIM	N	Anthracene	N			0.000100	0.000070
18120405	UMW-111A-WG-20181203	12/3/2018	N	SW8270C SIM	N	Benzo(a)anthracene	N			0.000100	0.000050
18120405	UMW-111A-WG-20181203	12/3/2018	N	SW8270C SIM	N	Benzo(a)pyrene	N			0.000100	0.000050
18120405	UMW-111A-WG-20181203	12/3/2018	N	SW8270C SIM	N	Benzo(b)fluoranthene	N			0.000100	0.000050
18120405	UMW-111A-WG-20181203	12/3/2018	N	SW8270C SIM	N	Benzo(g,h,i)perylene	N			0.000100	0.000040
18120405	UMW-111A-WG-20181203	12/3/2018	N	SW8270C SIM	N	Benzo(k)fluoranthene	N			0.000100	0.000050
18120405	UMW-111A-WG-20181203	12/3/2018	N	SW8270C SIM	N	Chrysene	N			0.000100	0.000040
18120405	UMW-111A-WG-20181203	12/3/2018	N	SW8270C SIM	N	Dibenzo(a,h)anthracene	N			0.000100	0.000060
18120405	UMW-111A-WG-20181203	12/3/2018	N	SW8270C SIM	N	Fluoranthene	N			0.000200	0.000190
18120405	UMW-111A-WG-20181203	12/3/2018	N	SW8270C SIM	N	Fluorene	N			0.000100	0.000090
18120405	UMW-111A-WG-20181203	12/3/2018	N	SW8270C SIM	N	Indeno(1,2,3-cd)pyrene	N			0.000100	0.000080

FIELD_SDG	SYS_SAMPLE_CODE	SAMPLE_DATE	SAMPLE_TYPE_CODE	ANALYTIC_METHOD	FRACTION	CHEMICAL_NAME	DETECT_FLAG	RESULT_NUMERIC	RESULT_TEXT	REPORTING_DETECTION_LIMIT	METHOD_DETECTION_LIMIT
18120405	UMW-111A-WG-20181203	12/3/2018	N	SW8270C SIM	N	Naphthalene	N			0.000200	0.000170
18120405	UMW-111A-WG-20181203	12/3/2018	N	SW8270C SIM	N	Phenanthrene	N			0.000400	0.000380
18120405	UMW-111A-WG-20181203	12/3/2018	N	SW8270C SIM	N	Pyrene	N			0.000200	0.000100
18120405	UMW-111A-WG-20181203	12/3/2018	N	SW6010B	T	Arsenic	N			0.0250	0.0087
18120405	UMW-111A-WG-20181203	12/3/2018	N	SW6010B	T	Barium	Y	0.0524	0.0524	0.0025	0.0007
18120405	UMW-111A-WG-20181203	12/3/2018	N	SW6010B	T	Cadmium	N			0.0020	0.0005
18120405	UMW-111A-WG-20181203	12/3/2018	N	SW6010B	T	Chromium	N			0.0050	0.0015
18120405	UMW-111A-WG-20181203	12/3/2018	N	SW6010B	T	Lead	N			0.0075	0.0040
18120405	UMW-111A-WG-20181203	12/3/2018	N	SW6010B	T	Selenium	N			0.0400	0.0170
18120405	UMW-111A-WG-20181203	12/3/2018	N	SW6010B	T	Silver	N			0.0070	0.0027
18120405	UMW-111A-WG-20181203	12/3/2018	N	SW7470A	T	Mercury	N			0.00020	0.00006
18120405	UMW-111A-WG-20181203	12/3/2018	N	SW9012A	N	Cyanide CN-	N			0.005	0.003
18120405	UMW-111A-WG-20181203	12/3/2018	N	SW8260B	N	Benzene	N			0.5	0.1
18120405	UMW-111A-WG-20181203	12/3/2018	N	SW8260B	N	Ethylbenzene	N			2.0	0.1
18120405	UMW-111A-WG-20181203	12/3/2018	N	SW8260B	N	Toluene	N			2.0	0.1
18120405	UMW-111A-WG-20181203	12/3/2018	N	SW8260B	N	Xylene, Total	N			2.0	0.2
18120405	UMW-116-WG-20181204	12/4/2018	N	Field Measure	N	Depth to Water, Field	Y	6.7	6.7		
18120405	UMW-116-WG-20181204	12/4/2018	N	Field Measure	N	Dissolved Oxygen	Y	1.46	1.46		
18120405	UMW-116-WG-20181204	12/4/2018	N	Field Measure	N	Oxidation-Reduction Potential, Field	Y	116.4	116.4		
18120405	UMW-116-WG-20181204	12/4/2018	N	Field Measure	N	pH, Field	Y	7.16	7.16		
18120405	UMW-116-WG-20181204	12/4/2018	N	Field Measure	N	Specific Conductivity	Y	1291	1291		
18120405	UMW-116-WG-20181204	12/4/2018	N	Field Measure	N	Temperature, Field	Y	15	15		
18120405	UMW-116-WG-20181204	12/4/2018	N	SW8270C SIM	N	Acenaphthene	N			0.000100	0.000050
18120405	UMW-116-WG-20181204	12/4/2018	N	SW8270C SIM	N	Acenaphthylene	N			0.000100	0.000050
18120405	UMW-116-WG-20181204	12/4/2018	N	SW8270C SIM	N	Anthracene	N			0.000100	0.000070
18120405	UMW-116-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(a)anthracene	N			0.000100	0.000050
18120405	UMW-116-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(a)pyrene	N			0.000100	0.000050
18120405	UMW-116-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(b)fluoranthene	N			0.000100	0.000050
18120405	UMW-116-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(g,h,i)perylene	N			0.000100	0.000040
18120405	UMW-116-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(k)fluoranthene	N			0.000100	0.000050
18120405	UMW-116-WG-20181204	12/4/2018	N	SW8270C SIM	N	Chrysene	N			0.000100	0.000040
18120405	UMW-116-WG-20181204	12/4/2018	N	SW8270C SIM	N	Dibenzo(a,h)anthracene	N			0.000100	0.000060
18120405	UMW-116-WG-20181204	12/4/2018	N	SW8270C SIM	N	Fluoranthene	N			0.000200	0.000190
18120405	UMW-116-WG-20181204	12/4/2018	N	SW8270C SIM	N	Fluorene	N			0.000100	0.000090
18120405	UMW-116-WG-20181204	12/4/2018	N	SW8270C SIM	N	Indeno(1,2,3-cd)pyrene	N			0.000100	0.000080
18120405	UMW-116-WG-20181204	12/4/2018	N	SW8270C SIM	N	Naphthalene	N			0.000200	0.000170
18120405	UMW-116-WG-20181204	12/4/2018	N	SW8270C SIM	N	Phenanthrene	N			0.000400	0.000380
18120405	UMW-116-WG-20181204	12/4/2018	N	SW8270C SIM	N	Pyrene	N			0.000200	0.000100
18120405	UMW-116-WG-20181204	12/4/2018	N	SW6010B	T	Arsenic	N			0.0250	0.0087
18120405	UMW-116-WG-20181204	12/4/2018	N	SW6010B	T	Barium	Y	0.0893	0.0893	0.0025	0.0007
18120405	UMW-116-WG-20181204	12/4/2018	N	SW6010B	T	Cadmium	N			0.0020	0.0005
18120405	UMW-116-WG-20181204	12/4/2018	N	SW6010B	T	Chromium	Y	0.128	0.128	0.0050	0.0015
18120405	UMW-116-WG-20181204	12/4/2018	N	SW6010B	T	Lead	N			0.0075	0.0040
18120405	UMW-116-WG-20181204	12/4/2018	N	SW6010B	T	Selenium	N			0.0400	0.0170
18120405	UMW-116-WG-20181204	12/4/2018	N	SW6010B	T	Silver	N			0.0070	0.0027
18120405	UMW-116-WG-20181204	12/4/2018	N	SW7470A	T	Mercury	N			0.00020	0.00006
18120405	UMW-116-WG-20181204	12/4/2018	N	SW9012A	N	Cyanide CN-	N			0.005	0.003
18120405	UMW-116-WG-20181204	12/4/2018	N	SW8260B	N	Benzene	N			0.5	0.1
18120405	UMW-116-WG-20181204	12/4/2018	N	SW8260B	N	Ethylbenzene	N			2.0	0.1
18120405	UMW-116-WG-20181204	12/4/2018	N	SW8260B	N	Toluene	N			2.0	0.1
18120405	UMW-116-WG-20181204	12/4/2018	N	SW8260B	N	Xylene, Total	N			2.0	0.2
18120405	UMW-117-WG-20181204	12/4/2018	N	SW8270C SIM	N	Acenaphthene	N			0.000100	0.000050
18120405	UMW-117-WG-20181204	12/4/2018	N	SW8270C SIM	N	Acenaphthylene	N			0.000100	0.000050
18120405	UMW-117-WG-20181204	12/4/2018	N	SW8270C SIM	N	Anthracene	N			0.000100	0.000070
18120405	UMW-117-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(a)anthracene	N			0.000100	0.000050
18120405	UMW-117-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(a)pyrene	N			0.000100	0.000050
18120405	UMW-117-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(b)fluoranthene	N			0.000100	0.000050
18120405	UMW-117-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(g,h,i)perylene	N			0.000100	0.000040
18120405	UMW-117-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(k)fluoranthene	N			0.000100	0.000050
18120405	UMW-117-WG-20181204	12/4/2018	N	SW8270C SIM	N	Chrysene	N			0.000100	0.000040
18120405	UMW-117-WG-20181204	12/4/2018	N	SW8270C SIM	N	Dibenzo(a,h)anthracene	N			0.000100	0.000060
18120405	UMW-117-WG-20181204	12/4/2018	N	SW8270C SIM	N	Fluoranthene	N			0.000200	0.000190
18120405	UMW-117-WG-20181204	12/4/2018	N	SW8270C SIM	N	Fluorene	N			0.000100	0.000090
18120405	UMW-117-WG-20181204	12/4/2018	N	SW8270C SIM	N	Indeno(1,2,3-cd)pyrene	N			0.000100	0.000080
18120405	UMW-117-WG-20181204	12/4/2018	N	SW8270C SIM	N	Naphthalene	N			0.000200	0.000170
18120405	UMW-117-WG-20181204	12/4/2018	N	SW8270C SIM	N	Phenanthrene	N			0.000400	0.000380

FIELD_SDG	SYS_SAMPLE_CODE	SAMPLE_DATE	SAMPLE_TYPE_CODE	ANALYTIC_METHOD	FRACTION	CHEMICAL_NAME	DETECT_FLAG	RESULT_NUMERIC	RESULT_TEXT	REPORTING_DETECTION_LIMIT	METHOD_DETECTION_LIMIT
18120405	UMW-117-WG-20181204	12/4/2018	N	SW8270C SIM	N	Pyrene	N			0.000200	0.000100
18120405	UMW-117-WG-20181204	12/4/2018	N	SW6010B	T	Arsenic	N			0.0250	0.0087
18120405	UMW-117-WG-20181204	12/4/2018	N	SW6010B	T	Barium	Y	0.101	0.101	0.0025	0.0007
18120405	UMW-117-WG-20181204	12/4/2018	N	SW6010B	T	Cadmium	N			0.0020	0.0005
18120405	UMW-117-WG-20181204	12/4/2018	N	SW6010B	T	Chromium	N			0.0050	0.0015
18120405	UMW-117-WG-20181204	12/4/2018	N	SW6010B	T	Lead	N			0.0075	0.0040
18120405	UMW-117-WG-20181204	12/4/2018	N	SW6010B	T	Selenium	N			0.0400	0.0170
18120405	UMW-117-WG-20181204	12/4/2018	N	SW6010B	T	Silver	N			0.0070	0.0027
18120405	UMW-117-WG-20181204	12/4/2018	N	SW7470A	T	Mercury	N			0.00020	0.00006
18120405	UMW-117-WG-20181204	12/4/2018	N	SW9012A	N	Cyanide CN-	N			0.005	0.003
18120405	UMW-117-WG-20181204	12/4/2018	N	SW8260B	N	Benzene	N			0.5	0.1
18120405	UMW-117-WG-20181204	12/4/2018	N	SW8260B	N	Ethylbenzene	N			2.0	0.1
18120405	UMW-117-WG-20181204	12/4/2018	N	SW8260B	N	Toluene	N			2.0	0.1
18120405	UMW-117-WG-20181204	12/4/2018	N	SW8260B	N	Xylene, Total	N			2.0	0.2
18120405	UMW-118-WG-20181204	12/4/2018	N	Field Measure	N	Depth to Water, Field	Y	6.61	6.61		
18120405	UMW-118-WG-20181204	12/4/2018	N	Field Measure	N	Dissolved Oxygen	Y	0.88	0.88		
18120405	UMW-118-WG-20181204	12/4/2018	N	Field Measure	N	Oxidation-Reduction Potential, Field	Y	273.7	273.7		
18120405	UMW-118-WG-20181204	12/4/2018	N	Field Measure	N	pH, Field	Y	6.56	6.56		
18120405	UMW-118-WG-20181204	12/4/2018	N	Field Measure	N	Specific Conductivity	Y	720	720		
18120405	UMW-118-WG-20181204	12/4/2018	N	Field Measure	N	Temperature, Field	Y	15.4	15.4		
18120405	UMW-118-WG-20181204	12/4/2018	N	SW8270C SIM	N	Acenaphthene	N			0.000100	0.000050
18120405	UMW-118-WG-20181204	12/4/2018	N	SW8270C SIM	N	Acenaphthylene	N			0.000100	0.000050
18120405	UMW-118-WG-20181204	12/4/2018	N	SW8270C SIM	N	Anthracene	N			0.000100	0.000070
18120405	UMW-118-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(a)anthracene	N			0.000100	0.000050
18120405	UMW-118-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(a)pyrene	N			0.000100	0.000050
18120405	UMW-118-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(b)fluoranthene	N			0.000100	0.000050
18120405	UMW-118-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(g,h,i)perylene	N			0.000100	0.000040
18120405	UMW-118-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(k)fluoranthene	N			0.000100	0.000050
18120405	UMW-118-WG-20181204	12/4/2018	N	SW8270C SIM	N	Chrysene	N			0.000100	0.000040
18120405	UMW-118-WG-20181204	12/4/2018	N	SW8270C SIM	N	Dibenzo(a,h)anthracene	N			0.000100	0.000060
18120405	UMW-118-WG-20181204	12/4/2018	N	SW8270C SIM	N	Fluoranthene	N			0.000200	0.000190
18120405	UMW-118-WG-20181204	12/4/2018	N	SW8270C SIM	N	Fluorene	N			0.000100	0.000090
18120405	UMW-118-WG-20181204	12/4/2018	N	SW8270C SIM	N	Indeno(1,2,3-cd)pyrene	N			0.000100	0.000080
18120405	UMW-118-WG-20181204	12/4/2018	N	SW8270C SIM	N	Naphthalene	N			0.000200	0.000170
18120405	UMW-118-WG-20181204	12/4/2018	N	SW8270C SIM	N	Phenanthrene	N			0.000400	0.000380
18120405	UMW-118-WG-20181204	12/4/2018	N	SW8270C SIM	N	Pyrene	N			0.000200	0.000100
18120405	UMW-118-WG-20181204	12/4/2018	N	SW6010B	T	Arsenic	N			0.0250	0.0087
18120405	UMW-118-WG-20181204	12/4/2018	N	SW6010B	T	Barium	Y	0.12	0.120	0.0025	0.0007
18120405	UMW-118-WG-20181204	12/4/2018	N	SW6010B	T	Cadmium	N			0.0020	0.0005
18120405	UMW-118-WG-20181204	12/4/2018	N	SW6010B	T	Chromium	N			0.0050	0.0015
18120405	UMW-118-WG-20181204	12/4/2018	N	SW6010B	T	Lead	N			0.0075	0.0040
18120405	UMW-118-WG-20181204	12/4/2018	N	SW6010B	T	Selenium	N			0.0400	0.0170
18120405	UMW-118-WG-20181204	12/4/2018	N	SW6010B	T	Silver	N			0.0070	0.0027
18120405	UMW-118-WG-20181204	12/4/2018	N	SW7470A	T	Mercury	N			0.00020	0.00006
18120405	UMW-118-WG-20181204	12/4/2018	N	SW9012A	N	Cyanide CN-	Y	0.043	0.043	0.005	0.003
18120405	UMW-118-WG-20181204	12/4/2018	N	SW8260B	N	Benzene	N			0.5	0.1
18120405	UMW-118-WG-20181204	12/4/2018	N	SW8260B	N	Ethylbenzene	N			2.0	0.1
18120405	UMW-118-WG-20181204	12/4/2018	N	SW8260B	N	Toluene	N			2.0	0.1
18120405	UMW-118-WG-20181204	12/4/2018	N	SW8260B	N	Xylene, Total	N			2.0	0.2
18120405	UMW-119-WG-20181203	12/3/2018	N	Field Measure	N	Depth to Water, Field	Y	3.58	3.58		
18120405	UMW-119-WG-20181203	12/3/2018	N	Field Measure	N	Dissolved Oxygen	Y	1.75	1.75		
18120405	UMW-119-WG-20181203	12/3/2018	N	Field Measure	N	Oxidation-Reduction Potential, Field	Y	139.8	139.8		
18120405	UMW-119-WG-20181203	12/3/2018	N	Field Measure	N	pH, Field	Y	7.14	7.14		
18120405	UMW-119-WG-20181203	12/3/2018	N	Field Measure	N	Specific Conductivity	Y	720	720		
18120405	UMW-119-WG-20181203	12/3/2018	N	Field Measure	N	Temperature, Field	Y	13.7	13.7		
18120405	UMW-119-WG-20181203	12/3/2018	N	SW8270C SIM	N	Acenaphthene	N			0.000100	0.000050
18120405	UMW-119-WG-20181203	12/3/2018	N	SW8270C SIM	N	Acenaphthylene	N			0.000100	0.000050
18120405	UMW-119-WG-20181203	12/3/2018	N	SW8270C SIM	N	Anthracene	N			0.000100	0.000070
18120405	UMW-119-WG-20181203	12/3/2018	N	SW8270C SIM	N	Benzo(a)anthracene	N			0.000100	0.000050
18120405	UMW-119-WG-20181203	12/3/2018	N	SW8270C SIM	N	Benzo(a)pyrene	N			0.000100	0.000050
18120405	UMW-119-WG-20181203	12/3/2018	N	SW8270C SIM	N	Benzo(b)fluoranthene	N			0.000100	0.000050
18120405	UMW-119-WG-20181203	12/3/2018	N	SW8270C SIM	N	Benzo(g,h,i)perylene	N			0.000100	0.000040
18120405	UMW-119-WG-20181203	12/3/2018	N	SW8270C SIM	N	Benzo(k)fluoranthene	N			0.000100	0.000050
18120405	UMW-119-WG-20181203	12/3/2018	N	SW8270C SIM	N	Chrysene	N			0.000100	0.000040
18120405	UMW-119-WG-20181203	12/3/2018	N	SW8270C SIM	N	Dibenzo(a,h)anthracene	N			0.000100	0.000060
18120405	UMW-119-WG-20181203	12/3/2018	N	SW8270C SIM	N	Fluoranthene	N			0.000200	0.000190

FIELD_SDG	SYS_SAMPLE_CODE	SAMPLE_DATE	SAMPLE_TYPE_CODE	ANALYTIC_METHOD	FRACTION	CHEMICAL_NAME	DETECT_FLAG	RESULT_NUMERIC	RESULT_TEXT	REPORTING_DETECTION_LIMIT	METHOD_DETECTION_LIMIT
18120405	UMW-119-WG-20181203	12/3/2018	N	SW8270C SIM	N	Fluorene	N			0.000100	0.000090
18120405	UMW-119-WG-20181203	12/3/2018	N	SW8270C SIM	N	Indeno(1,2,3-cd)pyrene	N			0.000100	0.000080
18120405	UMW-119-WG-20181203	12/3/2018	N	SW8270C SIM	N	Naphthalene	N			0.000200	0.000170
18120405	UMW-119-WG-20181203	12/3/2018	N	SW8270C SIM	N	Phenanthrene	N			0.000400	0.000380
18120405	UMW-119-WG-20181203	12/3/2018	N	SW8270C SIM	N	Pyrene	N			0.000200	0.000100
18120405	UMW-119-WG-20181203	12/3/2018	N	SW6010B	T	Arsenic	N			0.0250	0.0087
18120405	UMW-119-WG-20181203	12/3/2018	N	SW6010B	T	Barium	Y	0.0993	0.0993	0.0025	0.0007
18120405	UMW-119-WG-20181203	12/3/2018	N	SW6010B	T	Cadmium	N			0.0020	0.0005
18120405	UMW-119-WG-20181203	12/3/2018	N	SW6010B	T	Chromium	N			0.0050	0.0015
18120405	UMW-119-WG-20181203	12/3/2018	N	SW6010B	T	Lead	N			0.0075	0.0040
18120405	UMW-119-WG-20181203	12/3/2018	N	SW6010B	T	Selenium	N			0.0400	0.0170
18120405	UMW-119-WG-20181203	12/3/2018	N	SW6010B	T	Silver	N			0.0070	0.0027
18120405	UMW-119-WG-20181203	12/3/2018	N	SW7470A	T	Mercury	N			0.00020	0.00006
18120405	UMW-119-WG-20181203	12/3/2018	N	SW9012A	N	Cyanide CN-	Y	0.026	0.026	0.005	0.003
18120405	UMW-119-WG-20181203	12/3/2018	N	SW8260B	N	Benzene	N			0.5	0.1
18120405	UMW-119-WG-20181203	12/3/2018	N	SW8260B	N	Ethylbenzene	N			2.0	0.1
18120405	UMW-119-WG-20181203	12/3/2018	N	SW8260B	N	Toluene	N			2.0	0.1
18120405	UMW-119-WG-20181203	12/3/2018	N	SW8260B	N	Xylene, Total	N			2.0	0.2
18120405	UMW-120-WG-20181203	12/3/2018	N	Field Measure	N	Depth to Water, Field	Y	4.4	4.4		
18120405	UMW-120-WG-20181203	12/3/2018	N	Field Measure	N	Dissolved Oxygen	Y	6.34	6.34		
18120405	UMW-120-WG-20181203	12/3/2018	N	Field Measure	N	Oxidation-Reduction Potential, Field	Y	203.9	203.9		
18120405	UMW-120-WG-20181203	12/3/2018	N	Field Measure	N	pH, Field	Y	7.06	7.06		
18120405	UMW-120-WG-20181203	12/3/2018	N	Field Measure	N	Specific Conductivity	Y	477	477		
18120405	UMW-120-WG-20181203	12/3/2018	N	Field Measure	N	Temperature, Field	Y	14.1	14.1		
18120405	UMW-120-WG-20181203	12/3/2018	N	SW8270C SIM	N	Acenaphthene	N			0.000167	0.000083
18120405	UMW-120-WG-20181203	12/3/2018	N	SW8270C SIM	N	Acenaphthylene	N			0.000167	0.000083
18120405	UMW-120-WG-20181203	12/3/2018	N	SW8270C SIM	N	Anthracene	N			0.000167	0.000117
18120405	UMW-120-WG-20181203	12/3/2018	N	SW8270C SIM	N	Benzo(a)anthracene	N			0.000167	0.000083
18120405	UMW-120-WG-20181203	12/3/2018	N	SW8270C SIM	N	Benzo(a)pyrene	N			0.000167	0.000083
18120405	UMW-120-WG-20181203	12/3/2018	N	SW8270C SIM	N	Benzo(b)fluoranthene	N			0.000167	0.000083
18120405	UMW-120-WG-20181203	12/3/2018	N	SW8270C SIM	N	Benzo(g,h,i)perylene	N			0.000167	0.000067
18120405	UMW-120-WG-20181203	12/3/2018	N	SW8270C SIM	N	Benzo(k)fluoranthene	N			0.000167	0.000083
18120405	UMW-120-WG-20181203	12/3/2018	N	SW8270C SIM	N	Chrysene	N			0.000167	0.000067
18120405	UMW-120-WG-20181203	12/3/2018	N	SW8270C SIM	N	Dibenzo(a,h)anthracene	N			0.000167	0.000100
18120405	UMW-120-WG-20181203	12/3/2018	N	SW8270C SIM	N	Fluoranthene	N			0.000333	0.000317
18120405	UMW-120-WG-20181203	12/3/2018	N	SW8270C SIM	N	Fluorene	N			0.000167	0.000150
18120405	UMW-120-WG-20181203	12/3/2018	N	SW8270C SIM	N	Indeno(1,2,3-cd)pyrene	N			0.000167	0.000133
18120405	UMW-120-WG-20181203	12/3/2018	N	SW8270C SIM	N	Naphthalene	N			0.000333	0.000283
18120405	UMW-120-WG-20181203	12/3/2018	N	SW8270C SIM	N	Phenanthrene	N			0.000667	0.000633
18120405	UMW-120-WG-20181203	12/3/2018	N	SW8270C SIM	N	Pyrene	N			0.000333	0.000167
18120405	UMW-120-WG-20181203	12/3/2018	N	SW6010B	T	Arsenic	N			0.0250	0.0087
18120405	UMW-120-WG-20181203	12/3/2018	N	SW6010B	T	Barium	Y	0.0634	0.0634	0.0025	0.0007
18120405	UMW-120-WG-20181203	12/3/2018	N	SW6010B	T	Cadmium	N			0.0020	0.0005
18120405	UMW-120-WG-20181203	12/3/2018	N	SW6010B	T	Chromium	N			0.0050	0.0015
18120405	UMW-120-WG-20181203	12/3/2018	N	SW6010B	T	Lead	N			0.0075	0.0040
18120405	UMW-120-WG-20181203	12/3/2018	N	SW6010B	T	Selenium	N			0.0400	0.0170
18120405	UMW-120-WG-20181203	12/3/2018	N	SW6010B	T	Silver	N			0.0070	0.0027
18120405	UMW-120-WG-20181203	12/3/2018	N	SW7470A	T	Mercury	N			0.00020	0.00006
18120405	UMW-120-WG-20181203	12/3/2018	N	SW9012A	N	Cyanide CN-	N			0.005	0.003
18120405	UMW-120-WG-20181203	12/3/2018	N	SW8260B	N	Benzene	N			0.5	0.1
18120405	UMW-120-WG-20181203	12/3/2018	N	SW8260B	N	Ethylbenzene	N			2.0	0.1
18120405	UMW-120-WG-20181203	12/3/2018	N	SW8260B	N	Toluene	N			2.0	0.1
18120405	UMW-120-WG-20181203	12/3/2018	N	SW8260B	N	Xylene, Total	N			2.0	0.2
18120405	UMW-121-WG-20181205	12/5/2018	N	Field Measure	N	Depth to Water, Field	Y	7.72	7.72		
18120405	UMW-121-WG-20181205	12/5/2018	N	Field Measure	N	Dissolved Oxygen	Y	2.28	2.28		
18120405	UMW-121-WG-20181205	12/5/2018	N	Field Measure	N	Oxidation-Reduction Potential, Field	Y	107.7	107.7		
18120405	UMW-121-WG-20181205	12/5/2018	N	Field Measure	N	pH, Field	Y	6.73	6.73		
18120405	UMW-121-WG-20181205	12/5/2018	N	Field Measure	N	Specific Conductivity	Y	1359	1359		
18120405	UMW-121-WG-20181205	12/5/2018	N	Field Measure	N	Temperature, Field	Y	13.7	13.7		
18120405	UMW-121-WG-20181205	12/5/2018	N	SW8270C SIM	N	Acenaphthene	N			0.000100	0.000050

FIELD_SDG	SYS_SAMPLE_CODE	SAMPLE_DATE	SAMPLE_TYPE_CODE	ANALYTIC_METHOD	FRACTION	CHEMICAL_NAME	DETECT_FLAG	RESULT_NUMERIC	RESULT_TEXT	REPORTING_DETECTION_LIMIT	METHOD_DETECTION_LIMIT
18120405	UMW-121-WG-20181205	12/5/2018	N	SW8270C SIM	N	Acenaphthylene	N			0.000100	0.000050
18120405	UMW-121-WG-20181205	12/5/2018	N	SW8270C SIM	N	Anthracene	N			0.000100	0.000070
18120405	UMW-121-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(a)anthracene	N			0.000100	0.000050
18120405	UMW-121-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(a)pyrene	N			0.000100	0.000050
18120405	UMW-121-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(b)fluoranthene	N			0.000100	0.000050
18120405	UMW-121-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(g,h,i)perylene	N			0.000100	0.000040
18120405	UMW-121-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(k)fluoranthene	N			0.000100	0.000050
18120405	UMW-121-WG-20181205	12/5/2018	N	SW8270C SIM	N	Chrysene	N			0.000100	0.000040
18120405	UMW-121-WG-20181205	12/5/2018	N	SW8270C SIM	N	Dibenzo(a,h)anthracene	N			0.000100	0.000060
18120405	UMW-121-WG-20181205	12/5/2018	N	SW8270C SIM	N	Fluoranthene	N			0.000200	0.000190
18120405	UMW-121-WG-20181205	12/5/2018	N	SW8270C SIM	N	Fluorene	N			0.000100	0.000090
18120405	UMW-121-WG-20181205	12/5/2018	N	SW8270C SIM	N	Indeno(1,2,3-cd)pyrene	N			0.000100	0.000080
18120405	UMW-121-WG-20181205	12/5/2018	N	SW8270C SIM	N	Naphthalene	N			0.000200	0.000170
18120405	UMW-121-WG-20181205	12/5/2018	N	SW8270C SIM	N	Phenanthrene	N			0.000400	0.000380
18120405	UMW-121-WG-20181205	12/5/2018	N	SW8270C SIM	N	Pyrene	N			0.000200	0.000100
18120405	UMW-121-WG-20181205	12/5/2018	N	SW6010B	T	Arsenic	N			0.0250	0.0087
18120405	UMW-121-WG-20181205	12/5/2018	N	SW6010B	T	Barium	Y	0.14	0.140	0.0025	0.0007
18120405	UMW-121-WG-20181205	12/5/2018	N	SW6010B	T	Cadmium	N			0.0020	0.0005
18120405	UMW-121-WG-20181205	12/5/2018	N	SW6010B	T	Chromium	N			0.0050	0.0015
18120405	UMW-121-WG-20181205	12/5/2018	N	SW6010B	T	Lead	N			0.0075	0.0040
18120405	UMW-121-WG-20181205	12/5/2018	N	SW6010B	T	Selenium	N			0.0400	0.0170
18120405	UMW-121-WG-20181205	12/5/2018	N	SW6010B	T	Silver	N			0.0070	0.0027
18120405	UMW-121-WG-20181205	12/5/2018	N	SW7470A	T	Mercury	N			0.00020	0.00006
18120405	UMW-121-WG-20181205	12/5/2018	N	SW9012A	N	Cyanide CN-	Y	0.108	0.108	0.025	0.015
18120405	UMW-121-WG-20181205	12/5/2018	N	SW8260B	N	Benzene	N			0.5	0.1
18120405	UMW-121-WG-20181205	12/5/2018	N	SW8260B	N	Ethylbenzene	N			2.0	0.1
18120405	UMW-121-WG-20181205	12/5/2018	N	SW8260B	N	Toluene	N			2.0	0.1
18120405	UMW-121-WG-20181205	12/5/2018	N	SW8260B	N	Xylene, Total	N			2.0	0.2
18120405	UMW-122-WG-20181204	12/4/2018	N	Field Measure	N	Depth to Water, Field	Y	9.98	9.98		
18120405	UMW-122-WG-20181204	12/4/2018	N	Field Measure	N	Dissolved Oxygen	Y	7.31	7.31		
18120405	UMW-122-WG-20181204	12/4/2018	N	Field Measure	N	Oxidation-Reduction Potential, Field	Y	146.8	146.8		
18120405	UMW-122-WG-20181204	12/4/2018	N	Field Measure	N	pH, Field	Y	7.11	7.11		
18120405	UMW-122-WG-20181204	12/4/2018	N	Field Measure	N	Specific Conductivity	Y	2059	2059		
18120405	UMW-122-WG-20181204	12/4/2018	N	Field Measure	N	Temperature, Field	Y	12.2	12.2		
18120405	UMW-122-WG-20181204	12/4/2018	N	SW8270C SIM	N	Acenaphthene	N			0.000100	0.000050
18120405	UMW-122-WG-20181204	12/4/2018	N	SW8270C SIM	N	Acenaphthylene	N			0.000100	0.000050
18120405	UMW-122-WG-20181204	12/4/2018	N	SW8270C SIM	N	Anthracene	N			0.000100	0.000070
18120405	UMW-122-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(a)anthracene	N			0.000100	0.000050
18120405	UMW-122-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(a)pyrene	N			0.000100	0.000050
18120405	UMW-122-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(b)fluoranthene	N			0.000100	0.000050
18120405	UMW-122-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(g,h,i)perylene	N			0.000100	0.000040
18120405	UMW-122-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(k)fluoranthene	N			0.000100	0.000050
18120405	UMW-122-WG-20181204	12/4/2018	N	SW8270C SIM	N	Chrysene	N			0.000100	0.000040
18120405	UMW-122-WG-20181204	12/4/2018	N	SW8270C SIM	N	Dibenzo(a,h)anthracene	N			0.000100	0.000060
18120405	UMW-122-WG-20181204	12/4/2018	N	SW8270C SIM	N	Fluoranthene	N			0.000200	0.000190
18120405	UMW-122-WG-20181204	12/4/2018	N	SW8270C SIM	N	Fluorene	N			0.000100	0.000090
18120405	UMW-122-WG-20181204	12/4/2018	N	SW8270C SIM	N	Indeno(1,2,3-cd)pyrene	N			0.000100	0.000080
18120405	UMW-122-WG-20181204	12/4/2018	N	SW8270C SIM	N	Naphthalene	N			0.000200	0.000170
18120405	UMW-122-WG-20181204	12/4/2018	N	SW8270C SIM	N	Phenanthrene	N			0.000400	0.000380
18120405	UMW-122-WG-20181204	12/4/2018	N	SW8270C SIM	N	Pyrene	N			0.000200	0.000100
18120405	UMW-122-WG-20181204	12/4/2018	N	SW6010B	T	Arsenic	N			0.0250	0.0087
18120405	UMW-122-WG-20181204	12/4/2018	N	SW6010B	T	Barium	Y	0.0552	0.0552	0.0025	0.0007
18120405	UMW-122-WG-20181204	12/4/2018	N	SW6010B	T	Cadmium	N			0.0020	0.0005
18120405	UMW-122-WG-20181204	12/4/2018	N	SW6010B	T	Chromium	N			0.0050	0.0015
18120405	UMW-122-WG-20181204	12/4/2018	N	SW6010B	T	Lead	N			0.0075	0.0040
18120405	UMW-122-WG-20181204	12/4/2018	N	SW6010B	T	Selenium	N			0.0400	0.0170
18120405	UMW-122-WG-20181204	12/4/2018	N	SW6010B	T	Silver	N			0.0070	0.0027
18120405	UMW-122-WG-20181204	12/4/2018	N	SW7470A	T	Mercury	N			0.00020	0.00006
18120405	UMW-122-WG-20181204	12/4/2018	N	SW9012A	N	Cyanide CN-	Y	0.028	0.028	0.005	0.003
18120405	UMW-122-WG-20181204	12/4/2018	N	SW8260B	N	Benzene	N			0.5	0.1
18120405	UMW-122-WG-20181204	12/4/2018	N	SW8260B	N	Ethylbenzene	N			2.0	0.1
18120405	UMW-122-WG-20181204	12/4/2018	N	SW8260B	N	Toluene	N			2.0	0.1
18120405	UMW-122-WG-20181204	12/4/2018	N	SW8260B	N	Xylene, Total	N			2.0	0.2
18120405	UMW-123-WG-20181204	12/4/2018	N	Field Measure	N	Depth to Water, Field	Y	10.79	10.79		
18120405	UMW-123-WG-20181204	12/4/2018	N	Field Measure	N	Dissolved Oxygen	Y	0.8	0.8		
18120405	UMW-123-WG-20181204	12/4/2018	N	Field Measure	N	Oxidation-Reduction Potential, Field	Y	88.1	88.1		

FIELD_SDG	SYS_SAMPLE_CODE	SAMPLE_DATE	SAMPLE_TYPE_CODE	ANALYTIC_METHOD	FRACTION	CHEMICAL_NAME	DETECT_FLAG	RESULT_NUMERIC	RESULT_TEXT	REPORTING_DETECTION_LIMIT	METHOD_DETECTION_LIMIT
18120405	UMW-123-WG-20181204	12/4/2018	N	Field Measure	N	pH, Field	Y	7.07	7.07		
18120405	UMW-123-WG-20181204	12/4/2018	N	Field Measure	N	Specific Conductivity	Y	895	895		
18120405	UMW-123-WG-20181204	12/4/2018	N	Field Measure	N	Temperature, Field	Y	14.9	14.9		
18120405	UMW-123-WG-20181204	12/4/2018	N	SW8270C SIM	N	Acenaphthene	N			0.000100	0.000050
18120405	UMW-123-WG-20181204	12/4/2018	N	SW8270C SIM	N	Acenaphthylene	N			0.000100	0.000050
18120405	UMW-123-WG-20181204	12/4/2018	N	SW8270C SIM	N	Anthracene	N			0.000100	0.000070
18120405	UMW-123-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(a)anthracene	N			0.000100	0.000050
18120405	UMW-123-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(a)pyrene	N			0.000100	0.000050
18120405	UMW-123-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(b)fluoranthene	N			0.000100	0.000050
18120405	UMW-123-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(g,h,i)perylene	N			0.000100	0.000040
18120405	UMW-123-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(k)fluoranthene	N			0.000100	0.000050
18120405	UMW-123-WG-20181204	12/4/2018	N	SW8270C SIM	N	Chrysene	N			0.000100	0.000040
18120405	UMW-123-WG-20181204	12/4/2018	N	SW8270C SIM	N	Dibenzo(a,h)anthracene	N			0.000100	0.000060
18120405	UMW-123-WG-20181204	12/4/2018	N	SW8270C SIM	N	Fluoranthene	N			0.000200	0.000190
18120405	UMW-123-WG-20181204	12/4/2018	N	SW8270C SIM	N	Fluorene	N			0.000100	0.000090
18120405	UMW-123-WG-20181204	12/4/2018	N	SW8270C SIM	N	Indeno(1,2,3-cd)pyrene	N			0.000100	0.000080
18120405	UMW-123-WG-20181204	12/4/2018	N	SW8270C SIM	N	Naphthalene	N			0.000200	0.000170
18120405	UMW-123-WG-20181204	12/4/2018	N	SW8270C SIM	N	Phenanthrene	N			0.000400	0.000380
18120405	UMW-123-WG-20181204	12/4/2018	N	SW8270C SIM	N	Pyrene	N			0.000200	0.000100
18120405	UMW-123-WG-20181204	12/4/2018	N	SW6010B	T	Arsenic	N			0.0250	0.0087
18120405	UMW-123-WG-20181204	12/4/2018	N	SW6010B	T	Barium	Y	0.0244	0.0244	0.0025	0.0007
18120405	UMW-123-WG-20181204	12/4/2018	N	SW6010B	T	Cadmium	N			0.0020	0.0005
18120405	UMW-123-WG-20181204	12/4/2018	N	SW6010B	T	Chromium	N			0.0050	0.0015
18120405	UMW-123-WG-20181204	12/4/2018	N	SW6010B	T	Lead	N			0.0075	0.0040
18120405	UMW-123-WG-20181204	12/4/2018	N	SW6010B	T	Selenium	N			0.0400	0.0170
18120405	UMW-123-WG-20181204	12/4/2018	N	SW6010B	T	Silver	N			0.0070	0.0027
18120405	UMW-123-WG-20181204	12/4/2018	N	SW7470A	T	Mercury	N			0.00020	0.00006
18120405	UMW-123-WG-20181204	12/4/2018	N	SW9012A	N	Cyanide CN-	N			0.005	0.003
18120405	UMW-123-WG-20181204	12/4/2018	N	SW8260B	N	Benzene	N			0.5	0.1
18120405	UMW-123-WG-20181204	12/4/2018	N	SW8260B	N	Ethylbenzene	N			2.0	0.1
18120405	UMW-123-WG-20181204	12/4/2018	N	SW8260B	N	Toluene	N			2.0	0.1
18120405	UMW-123-WG-20181204	12/4/2018	N	SW8260B	N	Xylene, Total	N			2.0	0.2
18120405	UMW-124-WG-20181205	12/5/2018	N	Field Measure	N	Depth to Water, Field	Y	2.7	2.7		
18120405	UMW-124-WG-20181205	12/5/2018	N	Field Measure	N	Dissolved Oxygen	Y	0.11	0.11		
18120405	UMW-124-WG-20181205	12/5/2018	N	Field Measure	N	Oxidation-Reduction Potential, Field	Y	-255.1	-255.1		
18120405	UMW-124-WG-20181205	12/5/2018	N	Field Measure	N	pH, Field	Y	11.16	11.16		
18120405	UMW-124-WG-20181205	12/5/2018	N	Field Measure	N	Specific Conductivity	Y	1616	1616		
18120405	UMW-124-WG-20181205	12/5/2018	N	Field Measure	N	Temperature, Field	Y	13.7	13.7		
18120405	UMW-124-WG-20181205	12/5/2018	N	SW8270C SIM	N	Acenaphthene	Y	0.000343	0.000343	0.000100	0.000050
18120405	UMW-124-WG-20181205	12/5/2018	N	SW8270C SIM	N	Acenaphthylene	Y	0.00019	0.000190	0.000100	0.000050
18120405	UMW-124-WG-20181205	12/5/2018	N	SW8270C SIM	N	Anthracene	N			0.000100	0.000070
18120405	UMW-124-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(a)anthracene	N			0.000100	0.000050
18120405	UMW-124-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(a)pyrene	N			0.000100	0.000050
18120405	UMW-124-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(b)fluoranthene	N			0.000100	0.000050
18120405	UMW-124-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(g,h,i)perylene	N			0.000100	0.000040
18120405	UMW-124-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(k)fluoranthene	N			0.000100	0.000050
18120405	UMW-124-WG-20181205	12/5/2018	N	SW8270C SIM	N	Chrysene	N			0.000100	0.000040
18120405	UMW-124-WG-20181205	12/5/2018	N	SW8270C SIM	N	Dibenzo(a,h)anthracene	N			0.000100	0.000060
18120405	UMW-124-WG-20181205	12/5/2018	N	SW8270C SIM	N	Fluoranthene	N			0.000200	0.000190
18120405	UMW-124-WG-20181205	12/5/2018	N	SW8270C SIM	N	Fluorene	Y	0.000117	0.000117	0.000100	0.000090
18120405	UMW-124-WG-20181205	12/5/2018	N	SW8270C SIM	N	Indeno(1,2,3-cd)pyrene	N			0.000100	0.000080
18120405	UMW-124-WG-20181205	12/5/2018	N	SW8270C SIM	N	Naphthalene	N	0.0281	0.0281	0.00281	0.00170
18120405	UMW-124-WG-20181205	12/5/2018	N	SW8270C SIM	N	Phenanthrene	N			0.000400	0.000380
18120405	UMW-124-WG-20181205	12/5/2018	N	SW8270C SIM	N	Pyrene	N			0.000200	0.000100
18120405	UMW-124-WG-20181205	12/5/2018	N	SW6010B	T	Arsenic	N			0.0250	0.0087
18120405	UMW-124-WG-20181205	12/5/2018	N	SW6010B	T	Barium	Y	0.0369	0.0369	0.0025	0.0007
18120405	UMW-124-WG-20181205	12/5/2018	N	SW6010B	T	Cadmium	N			0.0020	0.0005
18120405	UMW-124-WG-20181205	12/5/2018	N	SW6010B	T	Chromium	N			0.0050	0.0015
18120405	UMW-124-WG-20181205	12/5/2018	N	SW6010B	T	Lead	N			0.0075	0.0040
18120405	UMW-124-WG-20181205	12/5/2018	N	SW6010B	T	Selenium	N			0.0400	0.0170
18120405	UMW-124-WG-20181205	12/5/2018	N	SW6010B	T	Silver	N			0.0070	0.0027
18120405	UMW-124-WG-20181205	12/5/2018	N	SW7470A	T	Mercury	N			0.00020	0.00006
18120405	UMW-124-WG-20181205	12/5/2018	N	SW9012A	N	Cyanide CN-	Y	0.011	0.011	0.005	0.003
18120405	UMW-124-WG-20181205	12/5/2018	N	SW8260B	N	Benzene	Y	70.3	70.3	0.5	0.1
18120405	UMW-124-WG-20181205	12/5/2018	N	SW8260B	N	Ethylbenzene	Y	6.6	6.6	2.0	0.1
18120405	UMW-124-WG-20181205	12/5/2018	N	SW8260B	N	Toluene	Y	33.1	33.1	2.0	0.1

FIELD_SDG	SYS_SAMPLE_CODE	SAMPLE_DATE	SAMPLE_TYPE_CODE	ANALYTIC_METHOD	FRACTION	CHEMICAL_NAME	DETECT_FLAG	RESULT_NUMERIC	RESULT_TEXT	REPORTING_DETECTION_LIMIT	METHOD_DETECTION_LIMIT
18120405	UMW-124-WG-20181205	12/5/2018	N	SW8260B	N	Xylene, Total	Y	17.9	17.9	2.0	0.2
18120405	UMW-125-WG-20181205	12/5/2018	N	Field Measure	N	Depth to Water, Field	Y	3.55	3.55		
18120405	UMW-125-WG-20181205	12/5/2018	N	Field Measure	N	Dissolved Oxygen	Y	0.23	0.23		
18120405	UMW-125-WG-20181205	12/5/2018	N	Field Measure	N	Oxidation-Reduction Potential, Field	Y	-32.6	-32.6		
18120405	UMW-125-WG-20181205	12/5/2018	N	Field Measure	N	pH, Field	Y	8.92	8.92		
18120405	UMW-125-WG-20181205	12/5/2018	N	Field Measure	N	Specific Conductivity	Y	2627	2627		
18120405	UMW-125-WG-20181205	12/5/2018	N	Field Measure	N	Temperature, Field	Y	12.3	12.3		
18120405	UMW-125-WG-20181205	12/5/2018	N	SW8270C SIM	N	Acenaphthene	N			0.000100	0.000050
18120405	UMW-125-WG-20181205	12/5/2018	N	SW8270C SIM	N	Acenaphthylene	N			0.000100	0.000050
18120405	UMW-125-WG-20181205	12/5/2018	N	SW8270C SIM	N	Anthracene	N			0.000100	0.000070
18120405	UMW-125-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(a)anthracene	N			0.000100	0.000050
18120405	UMW-125-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(a)pyrene	N			0.000100	0.000050
18120405	UMW-125-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(b)fluoranthene	N			0.000100	0.000050
18120405	UMW-125-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(g,h,i)perylene	N			0.000100	0.000040
18120405	UMW-125-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(k)fluoranthene	N			0.000100	0.000050
18120405	UMW-125-WG-20181205	12/5/2018	N	SW8270C SIM	N	Chrysene	N			0.000100	0.000040
18120405	UMW-125-WG-20181205	12/5/2018	N	SW8270C SIM	N	Dibenzo(a,h)anthracene	N			0.000100	0.000060
18120405	UMW-125-WG-20181205	12/5/2018	N	SW8270C SIM	N	Fluoranthene	N			0.000200	0.000190
18120405	UMW-125-WG-20181205	12/5/2018	N	SW8270C SIM	N	Fluorene	N			0.000100	0.000090
18120405	UMW-125-WG-20181205	12/5/2018	N	SW8270C SIM	N	Indeno(1,2,3-cd)pyrene	N			0.000100	0.000080
18120405	UMW-125-WG-20181205	12/5/2018	N	SW8270C SIM	N	Naphthalene	N			0.000200	0.000170
18120405	UMW-125-WG-20181205	12/5/2018	N	SW8270C SIM	N	Phenanthrene	N			0.000400	0.000380
18120405	UMW-125-WG-20181205	12/5/2018	N	SW8270C SIM	N	Pyrene	N			0.000200	0.000100
18120405	UMW-125-WG-20181205	12/5/2018	N	SW6010B	T	Arsenic	N			0.0250	0.0087
18120405	UMW-125-WG-20181205	12/5/2018	N	SW6010B	T	Barium	Y	0.0144	0.0144	0.0025	0.0007
18120405	UMW-125-WG-20181205	12/5/2018	N	SW6010B	T	Cadmium	Y	0.002	0.0020	0.0020	0.0005
18120405	UMW-125-WG-20181205	12/5/2018	N	SW6010B	T	Chromium	N			0.0050	0.0015
18120405	UMW-125-WG-20181205	12/5/2018	N	SW6010B	T	Lead	N			0.0075	0.0040
18120405	UMW-125-WG-20181205	12/5/2018	N	SW6010B	T	Selenium	N			0.0400	0.0170
18120405	UMW-125-WG-20181205	12/5/2018	N	SW6010B	T	Silver	N			0.0070	0.0027
18120405	UMW-125-WG-20181205	12/5/2018	N	SW7470A	T	Mercury	N			0.00020	0.00006
18120405	UMW-125-WG-20181205	12/5/2018	N	SW9012A	N	Cyanide CN-	Y	0.055	0.055	0.025	0.015
18120405	UMW-125-WG-20181205	12/5/2018	N	SW8260B	N	Benzene	Y	0.7	0.7	0.5	0.1
18120405	UMW-125-WG-20181205	12/5/2018	N	SW8260B	N	Ethylbenzene	N			2.0	0.1
18120405	UMW-125-WG-20181205	12/5/2018	N	SW8260B	N	Toluene	N			2.0	0.1
18120405	UMW-125-WG-20181205	12/5/2018	N	SW8260B	N	Xylene, Total	N			2.0	0.2
18120405	UMW-126-WG-20181205	12/5/2018	N	Field Measure	N	Depth to Water, Field	Y	1.9	1.9		
18120405	UMW-126-WG-20181205	12/5/2018	N	Field Measure	N	Dissolved Oxygen	Y	0.12	0.12		
18120405	UMW-126-WG-20181205	12/5/2018	N	Field Measure	N	Oxidation-Reduction Potential, Field	Y	-66.1	-66.1		
18120405	UMW-126-WG-20181205	12/5/2018	N	Field Measure	N	pH, Field	Y	7.07	7.07		
18120405	UMW-126-WG-20181205	12/5/2018	N	Field Measure	N	Specific Conductivity	Y	2209	2209		
18120405	UMW-126-WG-20181205	12/5/2018	N	Field Measure	N	Temperature, Field	Y	10.4	10.4		
18120405	UMW-126-WG-20181205	12/5/2018	N	SW8270C SIM	N	Acenaphthene	N			0.000100	0.000050
18120405	UMW-126-WG-20181205	12/5/2018	N	SW8270C SIM	N	Acenaphthylene	N			0.000100	0.000050
18120405	UMW-126-WG-20181205	12/5/2018	N	SW8270C SIM	N	Anthracene	N			0.000100	0.000070
18120405	UMW-126-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(a)anthracene	N			0.000100	0.000050
18120405	UMW-126-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(a)pyrene	N			0.000100	0.000050
18120405	UMW-126-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(b)fluoranthene	N			0.000100	0.000050
18120405	UMW-126-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(g,h,i)perylene	N			0.000100	0.000040
18120405	UMW-126-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(k)fluoranthene	N			0.000100	0.000050
18120405	UMW-126-WG-20181205	12/5/2018	N	SW8270C SIM	N	Chrysene	N			0.000100	0.000040
18120405	UMW-126-WG-20181205	12/5/2018	N	SW8270C SIM	N	Dibenzo(a,h)anthracene	N			0.000100	0.000060
18120405	UMW-126-WG-20181205	12/5/2018	N	SW8270C SIM	N	Fluoranthene	N			0.000200	0.000190
18120405	UMW-126-WG-20181205	12/5/2018	N	SW8270C SIM	N	Fluorene	N			0.000100	0.000090
18120405	UMW-126-WG-20181205	12/5/2018	N	SW8270C SIM	N	Indeno(1,2,3-cd)pyrene	N			0.000100	0.000080
18120405	UMW-126-WG-20181205	12/5/2018	N	SW8270C SIM	N	Naphthalene	N			0.000200	0.000170
18120405	UMW-126-WG-20181205	12/5/2018	N	SW8270C SIM	N	Phenanthrene	N			0.000400	0.000380
18120405	UMW-126-WG-20181205	12/5/2018	N	SW8270C SIM	N	Pyrene	N			0.000200	0.000100
18120405	UMW-126-WG-20181205	12/5/2018	N	SW6010B	T	Arsenic	N			0.0250	0.0087
18120405	UMW-126-WG-20181205	12/5/2018	N	SW6010B	T	Barium	Y	0.0231	0.0231	0.0025	0.0007
18120405	UMW-126-WG-20181205	12/5/2018	N	SW6010B	T	Cadmium	N			0.0020	0.0005
18120405	UMW-126-WG-20181205	12/5/2018	N	SW6010B	T	Chromium	N			0.0050	0.0015
18120405	UMW-126-WG-20181205	12/5/2018	N	SW6010B	T	Lead	N			0.0075	0.0040
18120405	UMW-126-WG-20181205	12/5/2018	N	SW6010B	T	Selenium	N			0.0400	0.0170
18120405	UMW-126-WG-20181205	12/5/2018	N	SW6010B	T	Silver	N			0.0070	0.0027
18120405	UMW-126-WG-20181205	12/5/2018	N	SW7470A	T	Mercury	N			0.00020	0.00006

FIELD_SDG	SYS_SAMPLE_CODE	SAMPLE_DATE	SAMPLE_TYPE_CODE	ANALYTIC_METHOD	FRACTION	CHEMICAL_NAME	DETECT_FLAG	RESULT_NUMERIC	RESULT_TEXT	REPORTING_DETECTION_LIMIT	METHOD_DETECTION_LIMIT
18120405	UMW-126-WG-20181205	12/5/2018	N	SW9012A	N	Cyanide CN-	N			0.005	0.003
18120405	UMW-126-WG-20181205	12/5/2018	N	SW8260B	N	Benzene	Y	26.1	26.1	0.5	0.1
18120405	UMW-126-WG-20181205	12/5/2018	N	SW8260B	N	Ethylbenzene	N			2.0	0.1
18120405	UMW-126-WG-20181205	12/5/2018	N	SW8260B	N	Toluene	N			2.0	0.1
18120405	UMW-126-WG-20181205	12/5/2018	N	SW8260B	N	Xylene, Total	N			2.0	0.2
18120405	UMW-127-WG-20181203	12/3/2018	N	Field Measure	N	Depth to Water, Field	Y	1.2	1.2		
18120405	UMW-127-WG-20181203	12/3/2018	N	Field Measure	N	Dissolved Oxygen	Y	0.11	0.11		
18120405	UMW-127-WG-20181203	12/3/2018	N	Field Measure	N	Oxidation-Reduction Potential, Field	Y	-224.8	-224.8		
18120405	UMW-127-WG-20181203	12/3/2018	N	Field Measure	N	pH, Field	Y	12.46	12.46		
18120405	UMW-127-WG-20181203	12/3/2018	N	Field Measure	N	Specific Conductivity	Y	3130	3130		
18120405	UMW-127-WG-20181203	12/3/2018	N	Field Measure	N	Temperature, Field	Y	12.4	12.4		
18120405	UMW-127-WG-20181203	12/3/2018	N	SW8270C SIM	N	Acenaphthene	Y	0.000171	0.000171	0.000100	0.000050
18120405	UMW-127-WG-20181203	12/3/2018	N	SW8270C SIM	N	Acenaphthylene	N			0.000100	0.000050
18120405	UMW-127-WG-20181203	12/3/2018	N	SW8270C SIM	N	Anthracene	N			0.000100	0.000070
18120405	UMW-127-WG-20181203	12/3/2018	N	SW8270C SIM	N	Benzo(a)anthracene	N			0.000100	0.000050
18120405	UMW-127-WG-20181203	12/3/2018	N	SW8270C SIM	N	Benzo(a)pyrene	N			0.000100	0.000050
18120405	UMW-127-WG-20181203	12/3/2018	N	SW8270C SIM	N	Benzo(b)fluoranthene	N			0.000100	0.000050
18120405	UMW-127-WG-20181203	12/3/2018	N	SW8270C SIM	N	Benzo(g,h,i)perylene	N			0.000100	0.000040
18120405	UMW-127-WG-20181203	12/3/2018	N	SW8270C SIM	N	Benzo(k)fluoranthene	N			0.000100	0.000050
18120405	UMW-127-WG-20181203	12/3/2018	N	SW8270C SIM	N	Chrysene	N			0.000100	0.000040
18120405	UMW-127-WG-20181203	12/3/2018	N	SW8270C SIM	N	Dibenzo(a,h)anthracene	N			0.000100	0.000060
18120405	UMW-127-WG-20181203	12/3/2018	N	SW8270C SIM	N	Fluoranthene	N			0.000200	0.000190
18120405	UMW-127-WG-20181203	12/3/2018	N	SW8270C SIM	N	Fluorene	Y	0.000134	0.000134	0.000100	0.000090
18120405	UMW-127-WG-20181203	12/3/2018	N	SW8270C SIM	N	Indeno(1,2,3-cd)pyrene	N			0.000100	0.000080
18120405	UMW-127-WG-20181203	12/3/2018	N	SW8270C SIM	N	Naphthalene	N	0.00169	0.00169	0.00169	0.000170
18120405	UMW-127-WG-20181203	12/3/2018	N	SW8270C SIM	N	Phenanthrene	N			0.000400	0.000380
18120405	UMW-127-WG-20181203	12/3/2018	N	SW8270C SIM	N	Pyrene	N			0.000200	0.000100
18120405	UMW-127-WG-20181203	12/3/2018	N	SW6010B	T	Arsenic	N			0.0250	0.0087
18120405	UMW-127-WG-20181203	12/3/2018	N	SW6010B	T	Barium	Y	0.169	0.169	0.0025	0.0007
18120405	UMW-127-WG-20181203	12/3/2018	N	SW6010B	T	Cadmium	N			0.0020	0.0005
18120405	UMW-127-WG-20181203	12/3/2018	N	SW6010B	T	Chromium	N			0.0050	0.0015
18120405	UMW-127-WG-20181203	12/3/2018	N	SW6010B	T	Lead	N			0.0075	0.0040
18120405	UMW-127-WG-20181203	12/3/2018	N	SW6010B	T	Selenium	N			0.0400	0.0170
18120405	UMW-127-WG-20181203	12/3/2018	N	SW6010B	T	Silver	N			0.0070	0.0027
18120405	UMW-127-WG-20181203	12/3/2018	N	SW7470A	T	Mercury	N			0.00020	0.00006
18120405	UMW-127-WG-20181203	12/3/2018	N	SW9012A	N	Cyanide CN-	N			0.005	0.003
18120405	UMW-127-WG-20181203	12/3/2018	N	SW8260B	N	Benzene	Y	2.1	2.1	0.5	0.1
18120405	UMW-127-WG-20181203	12/3/2018	N	SW8260B	N	Ethylbenzene	N			2.0	0.1
18120405	UMW-127-WG-20181203	12/3/2018	N	SW8260B	N	Toluene	N			2.0	0.1
18120405	UMW-127-WG-20181203	12/3/2018	N	SW8260B	N	Xylene, Total	N			2.0	0.2
18120405	UMW-300-WG-20181203	12/3/2018	N	Field Measure	N	Depth to Water, Field	Y	27.9	27.9		
18120405	UMW-300-WG-20181203	12/3/2018	N	Field Measure	N	Dissolved Oxygen	Y	0.39	0.39		
18120405	UMW-300-WG-20181203	12/3/2018	N	Field Measure	N	Oxidation-Reduction Potential, Field	Y	-38.1	-38.1		
18120405	UMW-300-WG-20181203	12/3/2018	N	Field Measure	N	pH, Field	Y	7.22	7.22		
18120405	UMW-300-WG-20181203	12/3/2018	N	Field Measure	N	Specific Conductivity	Y	1400	1400		
18120405	UMW-300-WG-20181203	12/3/2018	N	Field Measure	N	Temperature, Field	Y	14	14		
18120405	UMW-300-WG-20181203	12/3/2018	N	SW8270C SIM	N	Acenaphthene	N			0.000100	0.000050
18120405	UMW-300-WG-20181203	12/3/2018	N	SW8270C SIM	N	Acenaphthylene	N			0.000100	0.000050
18120405	UMW-300-WG-20181203	12/3/2018	N	SW8270C SIM	N	Anthracene	N			0.000100	0.000070
18120405	UMW-300-WG-20181203	12/3/2018	N	SW8270C SIM	N	Benzo(a)anthracene	N			0.000100	0.000050
18120405	UMW-300-WG-20181203	12/3/2018	N	SW8270C SIM	N	Benzo(a)pyrene	N			0.000100	0.000050
18120405	UMW-300-WG-20181203	12/3/2018	N	SW8270C SIM	N	Benzo(b)fluoranthene	N			0.000100	0.000050
18120405	UMW-300-WG-20181203	12/3/2018	N	SW8270C SIM	N	Benzo(g,h,i)perylene	N			0.000100	0.000040
18120405	UMW-300-WG-20181203	12/3/2018	N	SW8270C SIM	N	Benzo(k)fluoranthene	N			0.000100	0.000050
18120405	UMW-300-WG-20181203	12/3/2018	N	SW8270C SIM	N	Chrysene	N			0.000100	0.000040
18120405	UMW-300-WG-20181203	12/3/2018	N	SW8270C SIM	N	Dibenzo(a,h)anthracene	N			0.000100	0.000060
18120405	UMW-300-WG-20181203	12/3/2018	N	SW8270C SIM	N	Fluoranthene	N			0.000200	0.000190
18120405	UMW-300-WG-20181203	12/3/2018	N	SW8270C SIM	N	Fluorene	N			0.000100	0.000090
18120405	UMW-300-WG-20181203	12/3/2018	N	SW8270C SIM	N	Indeno(1,2,3-cd)pyrene	N			0.000100	0.000080
18120405	UMW-300-WG-20181203	12/3/2018	N	SW8270C SIM	N	Naphthalene	N			0.000200	0.000170
18120405	UMW-300-WG-20181203	12/3/2018	N	SW8270C SIM	N	Phenanthrene	N			0.000400	0.000380
18120405	UMW-300-WG-20181203	12/3/2018	N	SW8270C SIM	N	Pyrene	N			0.000200	0.000100
18120405	UMW-300-WG-20181203	12/3/2018	N	SW6010B	T	Arsenic	N			0.0250	0.0087
18120405	UMW-300-WG-20181203	12/3/2018	N	SW6010B	T	Barium	Y	0.122	0.122	0.0025	0.0007
18120405	UMW-300-WG-20181203	12/3/2018	N	SW6010B	T	Cadmium	N			0.0020	0.0005
18120405	UMW-300-WG-20181203	12/3/2018	N	SW6010B	T	Chromium	N			0.0050	0.0015

FIELD_SDG	SYS_SAMPLE_CODE	SAMPLE_DATE	SAMPLE_TYPE_CODE	ANALYTIC_METHOD	FRACTION	CHEMICAL_NAME	DETECT_FLAG	RESULT_NUMERIC	RESULT_TEXT	REPORTING_DETECTION_LIMIT	METHOD_DETECTION_LIMIT
18120405	UMW-300-WG-20181203	12/3/2018	N	SW6010B	T	Lead	N			0.0075	0.0040
18120405	UMW-300-WG-20181203	12/3/2018	N	SW6010B	T	Selenium	N			0.0400	0.0170
18120405	UMW-300-WG-20181203	12/3/2018	N	SW6010B	T	Silver	N			0.0070	0.0027
18120405	UMW-300-WG-20181203	12/3/2018	N	SW7470A	T	Mercury	N			0.00020	0.00006
18120405	UMW-300-WG-20181203	12/3/2018	N	SW9012A	N	Cyanide CN-	N			0.005	0.003
18120405	UMW-300-WG-20181203	12/3/2018	N	SW8260B	N	Benzene	N			0.5	0.1
18120405	UMW-300-WG-20181203	12/3/2018	N	SW8260B	N	Ethylbenzene	N			2.0	0.1
18120405	UMW-300-WG-20181203	12/3/2018	N	SW8260B	N	Toluene	N			2.0	0.1
18120405	UMW-300-WG-20181203	12/3/2018	N	SW8260B	N	Xylene, Total	N			2.0	0.2
18120405	UMW-301R-WG-20181205	12/5/2018	N	Field Measure	N	Depth to Water, Field	Y	26.8	26.8		
18120405	UMW-301R-WG-20181205	12/5/2018	N	Field Measure	N	Dissolved Oxygen	Y	0.24	0.24		
18120405	UMW-301R-WG-20181205	12/5/2018	N	Field Measure	N	Oxidation-Reduction Potential, Field	Y	-98.3	-98.3		
18120405	UMW-301R-WG-20181205	12/5/2018	N	Field Measure	N	pH, Field	Y	7.61	7.61		
18120405	UMW-301R-WG-20181205	12/5/2018	N	Field Measure	N	Specific Conductivity	Y	949	949		
18120405	UMW-301R-WG-20181205	12/5/2018	N	Field Measure	N	Temperature, Field	Y	11.7	11.7		
18120405	UMW-301R-WG-20181205	12/5/2018	N	SW8270C SIM	N	Acenaphthene	Y	0.00349	0.00349	0.000100	0.000050
18120405	UMW-301R-WG-20181205	12/5/2018	N	SW8270C SIM	N	Acenaphthylene	Y	0.00425	0.00425	0.000100	0.000050
18120405	UMW-301R-WG-20181205	12/5/2018	N	SW8270C SIM	N	Anthracene	N			0.000100	0.000070
18120405	UMW-301R-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(a)anthracene	N			0.000100	0.000050
18120405	UMW-301R-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(a)pyrene	N			0.000100	0.000050
18120405	UMW-301R-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(b)fluoranthene	N			0.000100	0.000050
18120405	UMW-301R-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(g,h,i)perylene	N			0.000100	0.000040
18120405	UMW-301R-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(k)fluoranthene	N			0.000100	0.000050
18120405	UMW-301R-WG-20181205	12/5/2018	N	SW8270C SIM	N	Chrysene	N			0.000100	0.000040
18120405	UMW-301R-WG-20181205	12/5/2018	N	SW8270C SIM	N	Dibenzo(a,h)anthracene	N			0.000100	0.000060
18120405	UMW-301R-WG-20181205	12/5/2018	N	SW8270C SIM	N	Fluoranthene	N			0.000200	0.000190
18120405	UMW-301R-WG-20181205	12/5/2018	N	SW8270C SIM	N	Fluorene	Y	0.000162	0.000162	0.000100	0.000090
18120405	UMW-301R-WG-20181205	12/5/2018	N	SW8270C SIM	N	Indeno(1,2,3-cd)pyrene	N			0.000100	0.000080
18120405	UMW-301R-WG-20181205	12/5/2018	N	SW8270C SIM	N	Naphthalene	N			0.000200	0.000170
18120405	UMW-301R-WG-20181205	12/5/2018	N	SW8270C SIM	N	Phenanthrene	N			0.000400	0.000380
18120405	UMW-301R-WG-20181205	12/5/2018	N	SW8270C SIM	N	Pyrene	N			0.000200	0.000100
18120405	UMW-301R-WG-20181205	12/5/2018	N	SW6010B	T	Arsenic	N			0.0250	0.0087
18120405	UMW-301R-WG-20181205	12/5/2018	N	SW6010B	T	Barium	Y	0.0819	0.0819	0.0025	0.0007
18120405	UMW-301R-WG-20181205	12/5/2018	N	SW6010B	T	Cadmium	N			0.0020	0.0005
18120405	UMW-301R-WG-20181205	12/5/2018	N	SW6010B	T	Chromium	N			0.0050	0.0015
18120405	UMW-301R-WG-20181205	12/5/2018	N	SW6010B	T	Lead	N			0.0075	0.0040
18120405	UMW-301R-WG-20181205	12/5/2018	N	SW6010B	T	Selenium	N			0.0400	0.0170
18120405	UMW-301R-WG-20181205	12/5/2018	N	SW6010B	T	Silver	N			0.0070	0.0027
18120405	UMW-301R-WG-20181205	12/5/2018	N	SW7470A	T	Mercury	N			0.00020	0.00006
18120405	UMW-301R-WG-20181205	12/5/2018	N	SW9012A	N	Cyanide CN-	N			0.005	0.003
18120405	UMW-301R-WG-20181205	12/5/2018	N	SW8260B	N	Benzene	N			0.5	0.1
18120405	UMW-301R-WG-20181205	12/5/2018	N	SW8260B	N	Ethylbenzene	N			2.0	0.1
18120405	UMW-301R-WG-20181205	12/5/2018	N	SW8260B	N	Toluene	N			2.0	0.1
18120405	UMW-301R-WG-20181205	12/5/2018	N	SW8260B	N	Xylene, Total	N			2.0	0.2
18120405	UMW-302-WG-20181205	12/5/2018	N	SW8270C SIM	N	Acenaphthene	Y	0.00036	0.000360	0.000100	0.000050
18120405	UMW-302-WG-20181205	12/5/2018	N	SW8270C SIM	N	Acenaphthylene	Y	0.00054	0.000540	0.000100	0.000050
18120405	UMW-302-WG-20181205	12/5/2018	N	SW8270C SIM	N	Anthracene	N			0.000100	0.000070
18120405	UMW-302-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(a)anthracene	N			0.000100	0.000050
18120405	UMW-302-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(a)pyrene	N			0.000100	0.000050
18120405	UMW-302-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(b)fluoranthene	N			0.000100	0.000050
18120405	UMW-302-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(g,h,i)perylene	N			0.000100	0.000040
18120405	UMW-302-WG-20181205	12/5/2018	N	SW8270C SIM	N	Benzo(k)fluoranthene	N			0.000100	0.000050
18120405	UMW-302-WG-20181205	12/5/2018	N	SW8270C SIM	N	Chrysene	N			0.000100	0.000040
18120405	UMW-302-WG-20181205	12/5/2018	N	SW8270C SIM	N	Dibenzo(a,h)anthracene	N			0.000100	0.000060
18120405	UMW-302-WG-20181205	12/5/2018	N	SW8270C SIM	N	Fluoranthene	N			0.000200	0.000190
18120405	UMW-302-WG-20181205	12/5/2018	N	SW8270C SIM	N	Fluorene	N			0.000100	0.000090
18120405	UMW-302-WG-20181205	12/5/2018	N	SW8270C SIM	N	Indeno(1,2,3-cd)pyrene	N			0.000100	0.000080
18120405	UMW-302-WG-20181205	12/5/2018	N	SW8270C SIM	N	Naphthalene	N	2.3	2.30	2.30	0.170
18120405	UMW-302-WG-20181205	12/5/2018	N	SW8270C SIM	N	Phenanthrene	N			0.000400	0.000380
18120405	UMW-302-WG-20181205	12/5/2018	N	SW8270C SIM	N	Pyrene	N			0.000200	0.000100
18120405	UMW-302-WG-20181205	12/5/2018	N	SW6010B	T	Arsenic	N			0.0250	0.0087
18120405	UMW-302-WG-20181205	12/5/2018	N	SW6010B	T	Barium	Y	0.067	0.0670	0.0025	0.0007
18120405	UMW-302-WG-20181205	12/5/2018	N	SW6010B	T	Cadmium	N			0.0020	0.0005
18120405	UMW-302-WG-20181205	12/5/2018	N	SW6010B	T	Chromium	N			0.0050	0.0015
18120405	UMW-302-WG-20181205	12/5/2018	N	SW6010B	T	Lead	N			0.0075	0.0040
18120405	UMW-302-WG-20181205	12/5/2018	N	SW6010B	T	Selenium	N			0.0400	0.0170

FIELD_SDG	SYS_SAMPLE_CODE	SAMPLE_DATE	SAMPLE_TYPE_CODE	ANALYTIC_METHOD	FRACTION	CHEMICAL_NAME	DETECT_FLAG	RESULT_NUMERIC	RESULT_TEXT	REPORTING_DETECTION_LIMIT	METHOD_DETECTION_LIMIT
18120405	UMW-302-WG-20181205	12/5/2018	N	SW6010B	T	Silver	N			0.0070	0.0027
18120405	UMW-302-WG-20181205	12/5/2018	N	SW7470A	T	Mercury	N			0.00020	0.00006
18120405	UMW-302-WG-20181205	12/5/2018	N	SW9012A	N	Cyanide CN-	Y	0.137	0.137	0.025	0.015
18120405	UMW-302-WG-20181205	12/5/2018	N	SW8260B	N	Benzene	Y	526	526	5.0	1.0
18120405	UMW-302-WG-20181205	12/5/2018	N	SW8260B	N	Ethylbenzene	Y	832	832	20.0	1.0
18120405	UMW-302-WG-20181205	12/5/2018	N	SW8260B	N	Toluene	Y	11.1	11.1	2.0	0.1
18120405	UMW-302-WG-20181205	12/5/2018	N	SW8260B	N	Xylene, Total	Y	226	226	2.0	0.2
18120405	UMW-303-WG-20181204	12/4/2018	N	Field Measure	N	Depth to Water, Field	Y	27	27		
18120405	UMW-303-WG-20181204	12/4/2018	N	Field Measure	N	Dissolved Oxygen	Y	0.17	0.17		
18120405	UMW-303-WG-20181204	12/4/2018	N	Field Measure	N	Oxidation-Reduction Potential, Field	Y	-22.8	-22.8		
18120405	UMW-303-WG-20181204	12/4/2018	N	Field Measure	N	pH, Field	Y	7.05	7.05		
18120405	UMW-303-WG-20181204	12/4/2018	N	Field Measure	N	Specific Conductivity	Y	1014	1014		
18120405	UMW-303-WG-20181204	12/4/2018	N	Field Measure	N	Temperature, Field	Y	14.5	14.5		
18120405	UMW-303-WG-20181204	12/4/2018	N	SW8270C SIM	N	Acenaphthene	N			0.000100	0.000050
18120405	UMW-303-WG-20181204	12/4/2018	N	SW8270C SIM	N	Acenaphthylene	N			0.000100	0.000050
18120405	UMW-303-WG-20181204	12/4/2018	N	SW8270C SIM	N	Anthracene	N			0.000100	0.000070
18120405	UMW-303-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(a)anthracene	N			0.000100	0.000050
18120405	UMW-303-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(a)pyrene	N			0.000100	0.000050
18120405	UMW-303-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(b)fluoranthene	N			0.000100	0.000050
18120405	UMW-303-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(g,h,i)perylene	N			0.000100	0.000040
18120405	UMW-303-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(k)fluoranthene	N			0.000100	0.000050
18120405	UMW-303-WG-20181204	12/4/2018	N	SW8270C SIM	N	Chrysene	N			0.000100	0.000040
18120405	UMW-303-WG-20181204	12/4/2018	N	SW8270C SIM	N	Dibenzo(a,h)anthracene	N			0.000100	0.000060
18120405	UMW-303-WG-20181204	12/4/2018	N	SW8270C SIM	N	Fluoranthene	N			0.000200	0.000190
18120405	UMW-303-WG-20181204	12/4/2018	N	SW8270C SIM	N	Fluorene	N			0.000100	0.000090
18120405	UMW-303-WG-20181204	12/4/2018	N	SW8270C SIM	N	Indeno(1,2,3-cd)pyrene	N			0.000100	0.000080
18120405	UMW-303-WG-20181204	12/4/2018	N	SW8270C SIM	N	Naphthalene	N	0.00188	0.00188	0.00188	0.000170
18120405	UMW-303-WG-20181204	12/4/2018	N	SW8270C SIM	N	Phenanthrene	N			0.000400	0.000380
18120405	UMW-303-WG-20181204	12/4/2018	N	SW8270C SIM	N	Pyrene	N			0.000200	0.000100
18120405	UMW-303-WG-20181204	12/4/2018	N	SW6010B	T	Arsenic	N			0.0250	0.0087
18120405	UMW-303-WG-20181204	12/4/2018	N	SW6010B	T	Barium	Y	0.0422	0.0422	0.0025	0.0007
18120405	UMW-303-WG-20181204	12/4/2018	N	SW6010B	T	Cadmium	N			0.0020	0.0005
18120405	UMW-303-WG-20181204	12/4/2018	N	SW6010B	T	Chromium	N			0.0050	0.0015
18120405	UMW-303-WG-20181204	12/4/2018	N	SW6010B	T	Lead	N			0.0075	0.0040
18120405	UMW-303-WG-20181204	12/4/2018	N	SW6010B	T	Selenium	N			0.0400	0.0170
18120405	UMW-303-WG-20181204	12/4/2018	N	SW6010B	T	Silver	N			0.0070	0.0027
18120405	UMW-303-WG-20181204	12/4/2018	N	SW7470A	T	Mercury	N			0.00020	0.00006
18120405	UMW-303-WG-20181204	12/4/2018	N	SW9012A	N	Cyanide CN-	N			0.005	0.003
18120405	UMW-303-WG-20181204	12/4/2018	N	SW8260B	N	Benzene	N			0.5	0.1
18120405	UMW-303-WG-20181204	12/4/2018	N	SW8260B	N	Ethylbenzene	N			2.0	0.1
18120405	UMW-303-WG-20181204	12/4/2018	N	SW8260B	N	Toluene	N			2.0	0.1
18120405	UMW-303-WG-20181204	12/4/2018	N	SW8260B	N	Xylene, Total	N			2.0	0.2
18120405	UMW-304R-WG-20181203	12/3/2018	N	Field Measure	N	Depth to Water, Field	Y	27.13	27.13		
18120405	UMW-304R-WG-20181203	12/3/2018	N	Field Measure	N	Dissolved Oxygen	Y	0.29	0.29		
18120405	UMW-304R-WG-20181203	12/3/2018	N	Field Measure	N	Oxidation-Reduction Potential, Field	Y	-40.5	-40.5		
18120405	UMW-304R-WG-20181203	12/3/2018	N	Field Measure	N	pH, Field	Y	7.01	7.01		
18120405	UMW-304R-WG-20181203	12/3/2018	N	Field Measure	N	Specific Conductivity	Y	1080	1080		
18120405	UMW-304R-WG-20181203	12/3/2018	N	Field Measure	N	Temperature, Field	Y	13.5	13.5		
18120405	UMW-304R-WG-20181203	12/3/2018	N	SW8270C SIM	N	Acenaphthene	Y	0.00055	0.000550	0.000100	0.000050
18120405	UMW-304R-WG-20181203	12/3/2018	N	SW8270C SIM	N	Acenaphthylene	Y	0.00139	0.00139	0.000100	0.000050
18120405	UMW-304R-WG-20181203	12/3/2018	N	SW8270C SIM	N	Anthracene	N			0.000100	0.000070
18120405	UMW-304R-WG-20181203	12/3/2018	N	SW8270C SIM	N	Benzo(a)anthracene	N			0.000100	0.000050
18120405	UMW-304R-WG-20181203	12/3/2018	N	SW8270C SIM	N	Benzo(a)pyrene	N			0.000100	0.000050
18120405	UMW-304R-WG-20181203	12/3/2018	N	SW8270C SIM	N	Benzo(b)fluoranthene	N			0.000100	0.000050
18120405	UMW-304R-WG-20181203	12/3/2018	N	SW8270C SIM	N	Benzo(g,h,i)perylene	N			0.000100	0.000040
18120405	UMW-304R-WG-20181203	12/3/2018	N	SW8270C SIM	N	Benzo(k)fluoranthene	N			0.000100	0.000050
18120405	UMW-304R-WG-20181203	12/3/2018	N	SW8270C SIM	N	Chrysene	N			0.000100	0.000040
18120405	UMW-304R-WG-20181203	12/3/2018	N	SW8270C SIM	N	Dibenzo(a,h)anthracene	N			0.000100	0.000060
18120405	UMW-304R-WG-20181203	12/3/2018	N	SW8270C SIM	N	Fluoranthene	N			0.000200	0.000190
18120405	UMW-304R-WG-20181203	12/3/2018	N	SW8270C SIM	N	Fluorene	N			0.000100	0.000090
18120405	UMW-304R-WG-20181203	12/3/2018	N	SW8270C SIM	N	Indeno(1,2,3-cd)pyrene	N			0.000100	0.000080
18120405	UMW-304R-WG-20181203	12/3/2018	N	SW8270C SIM	N	Naphthalene	N			0.000200	0.000170
18120405	UMW-304R-WG-20181203	12/3/2018	N	SW8270C SIM	N	Phenanthrene	N			0.000400	0.000380
18120405	UMW-304R-WG-20181203	12/3/2018	N	SW8270C SIM	N	Pyrene	N			0.000200	0.000100
18120405	UMW-304R-WG-20181203	12/3/2018	N	SW6010B	T	Arsenic	N			0.0250	0.0087
18120405	UMW-304R-WG-20181203	12/3/2018	N	SW6010B	T	Barium	Y	0.0818	0.0818	0.0025	0.0007

FIELD_SDG	SYS_SAMPLE_CODE	SAMPLE_DATE	SAMPLE_TYPE_CODE	ANALYTIC_METHOD	FRACTION	CHEMICAL_NAME	DETECT_FLAG	RESULT_NUMERIC	RESULT_TEXT	REPORTING_DETECTION_LIMIT	METHOD_DETECTION_LIMIT
18120405	UMW-304R-WG-20181203	12/3/2018	N	SW6010B	T	Cadmium	N			0.0020	0.0005
18120405	UMW-304R-WG-20181203	12/3/2018	N	SW6010B	T	Chromium	N			0.0050	0.0015
18120405	UMW-304R-WG-20181203	12/3/2018	N	SW6010B	T	Lead	N			0.0075	0.0040
18120405	UMW-304R-WG-20181203	12/3/2018	N	SW6010B	T	Selenium	N			0.0400	0.0170
18120405	UMW-304R-WG-20181203	12/3/2018	N	SW6010B	T	Silver	N			0.0070	0.0027
18120405	UMW-304R-WG-20181203	12/3/2018	N	SW7470A	T	Mercury	N			0.00020	0.00006
18120405	UMW-304R-WG-20181203	12/3/2018	N	SW9012A	N	Cyanide CN-	N			0.005	0.003
18120405	UMW-304R-WG-20181203	12/3/2018	N	SW8260B	N	Benzene	N			0.5	0.1
18120405	UMW-304R-WG-20181203	12/3/2018	N	SW8260B	N	Ethylbenzene	N			2.0	0.1
18120405	UMW-304R-WG-20181203	12/3/2018	N	SW8260B	N	Toluene	N			2.0	0.1
18120405	UMW-304R-WG-20181203	12/3/2018	N	SW8260B	N	Xylene, Total	N			2.0	0.2
18120405	UMW-305-WG-20181204	12/4/2018	N	Field Measure	N	Depth to Water, Field	Y	28.34	28.34		
18120405	UMW-305-WG-20181204	12/4/2018	N	Field Measure	N	Dissolved Oxygen	Y	0.23	0.23		
18120405	UMW-305-WG-20181204	12/4/2018	N	Field Measure	N	Oxidation-Reduction Potential, Field	Y	-129.1	-129.1		
18120405	UMW-305-WG-20181204	12/4/2018	N	Field Measure	N	pH, Field	Y	7.4	7.4		
18120405	UMW-305-WG-20181204	12/4/2018	N	Field Measure	N	Specific Conductivity	Y	990	990		
18120405	UMW-305-WG-20181204	12/4/2018	N	Field Measure	N	Temperature, Field	Y	14.2	14.2		
18120405	UMW-305-WG-20181204	12/4/2018	N	SW8270C SIM	N	Acenaphthene	N			0.000100	0.000050
18120405	UMW-305-WG-20181204	12/4/2018	N	SW8270C SIM	N	Acenaphthylene	N			0.000100	0.000050
18120405	UMW-305-WG-20181204	12/4/2018	N	SW8270C SIM	N	Anthracene	N			0.000100	0.000070
18120405	UMW-305-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(a)anthracene	N			0.000100	0.000050
18120405	UMW-305-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(a)pyrene	N			0.000100	0.000050
18120405	UMW-305-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(b)fluoranthene	N			0.000100	0.000050
18120405	UMW-305-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(g,h,i)perylene	N			0.000100	0.000040
18120405	UMW-305-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(k)fluoranthene	N			0.000100	0.000050
18120405	UMW-305-WG-20181204	12/4/2018	N	SW8270C SIM	N	Chrysene	N			0.000100	0.000040
18120405	UMW-305-WG-20181204	12/4/2018	N	SW8270C SIM	N	Dibenzo(a,h)anthracene	N			0.000100	0.000060
18120405	UMW-305-WG-20181204	12/4/2018	N	SW8270C SIM	N	Fluoranthene	N			0.000200	0.000190
18120405	UMW-305-WG-20181204	12/4/2018	N	SW8270C SIM	N	Fluorene	N			0.000100	0.000090
18120405	UMW-305-WG-20181204	12/4/2018	N	SW8270C SIM	N	Indeno(1,2,3-cd)pyrene	N			0.000100	0.000080
18120405	UMW-305-WG-20181204	12/4/2018	N	SW8270C SIM	N	Naphthalene	N			0.000200	0.000170
18120405	UMW-305-WG-20181204	12/4/2018	N	SW8270C SIM	N	Phenanthrene	N			0.000400	0.000380
18120405	UMW-305-WG-20181204	12/4/2018	N	SW8270C SIM	N	Pyrene	N			0.000200	0.000100
18120405	UMW-305-WG-20181204	12/4/2018	N	SW6010B	T	Arsenic	N			0.0250	0.0087
18120405	UMW-305-WG-20181204	12/4/2018	N	SW6010B	T	Barium	Y	0.111	0.111	0.0025	0.0007
18120405	UMW-305-WG-20181204	12/4/2018	N	SW6010B	T	Cadmium	N			0.0020	0.0005
18120405	UMW-305-WG-20181204	12/4/2018	N	SW6010B	T	Chromium	N			0.0050	0.0015
18120405	UMW-305-WG-20181204	12/4/2018	N	SW6010B	T	Lead	N			0.0075	0.0040
18120405	UMW-305-WG-20181204	12/4/2018	N	SW6010B	T	Selenium	N			0.0400	0.0170
18120405	UMW-305-WG-20181204	12/4/2018	N	SW6010B	T	Silver	N			0.0070	0.0027
18120405	UMW-305-WG-20181204	12/4/2018	N	SW7470A	T	Mercury	N			0.00020	0.00006
18120405	UMW-305-WG-20181204	12/4/2018	N	SW9012A	N	Cyanide CN-	Y	0.011	0.011	0.005	0.003
18120405	UMW-305-WG-20181204	12/4/2018	N	SW8260B	N	Benzene	N			0.5	0.1
18120405	UMW-305-WG-20181204	12/4/2018	N	SW8260B	N	Ethylbenzene	N			2.0	0.1
18120405	UMW-305-WG-20181204	12/4/2018	N	SW8260B	N	Toluene	N			2.0	0.1
18120405	UMW-305-WG-20181204	12/4/2018	N	SW8260B	N	Xylene, Total	N			2.0	0.2
18120405	UMW-306-WG-20181204	12/4/2018	N	Field Measure	N	Depth to Water, Field	Y	27.84	27.84		
18120405	UMW-306-WG-20181204	12/4/2018	N	Field Measure	N	Dissolved Oxygen	Y	0.21	0.21		
18120405	UMW-306-WG-20181204	12/4/2018	N	Field Measure	N	Oxidation-Reduction Potential, Field	Y	-87.4	-87.4		
18120405	UMW-306-WG-20181204	12/4/2018	N	Field Measure	N	pH, Field	Y	7.3	7.3		
18120405	UMW-306-WG-20181204	12/4/2018	N	Field Measure	N	Specific Conductivity	Y	1035	1035		
18120405	UMW-306-WG-20181204	12/4/2018	N	Field Measure	N	Temperature, Field	Y	14.1	14.1		
18120405	UMW-306-WG-20181204	12/4/2018	N	SW8270C SIM	N	Acenaphthene	N			0.000100	0.000050
18120405	UMW-306-WG-20181204	12/4/2018	N	SW8270C SIM	N	Acenaphthylene	N			0.000100	0.000050

FIELD_SDG	SYS_SAMPLE_CODE	SAMPLE_DATE	SAMPLE_TYPE_CODE	ANALYTIC_METHOD	FRACTION	CHEMICAL_NAME	DETECT_FLAG	RESULT_NUMERIC	RESULT_TEXT	REPORTING_DETECTION_LIMIT	METHOD_DETECTION_LIMIT
18120405	UMW-306-WG-20181204	12/4/2018	N	SW8270C SIM	N	Anthracene	N			0.000100	0.000070
18120405	UMW-306-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(a)anthracene	N			0.000100	0.000050
18120405	UMW-306-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(a)pyrene	N			0.000100	0.000050
18120405	UMW-306-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(b)fluoranthene	N			0.000100	0.000050
18120405	UMW-306-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(g,h,i)perylene	N			0.000100	0.000040
18120405	UMW-306-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(k)fluoranthene	N			0.000100	0.000050
18120405	UMW-306-WG-20181204	12/4/2018	N	SW8270C SIM	N	Chrysene	N			0.000100	0.000040
18120405	UMW-306-WG-20181204	12/4/2018	N	SW8270C SIM	N	Dibenzo(a,h)anthracene	N			0.000100	0.000060
18120405	UMW-306-WG-20181204	12/4/2018	N	SW8270C SIM	N	Fluoranthene	N			0.000200	0.000190
18120405	UMW-306-WG-20181204	12/4/2018	N	SW8270C SIM	N	Fluorene	N			0.000100	0.000090
18120405	UMW-306-WG-20181204	12/4/2018	N	SW8270C SIM	N	Indeno(1,2,3-cd)pyrene	N			0.000100	0.000080
18120405	UMW-306-WG-20181204	12/4/2018	N	SW8270C SIM	N	Naphthalene	N			0.000200	0.000170
18120405	UMW-306-WG-20181204	12/4/2018	N	SW8270C SIM	N	Phenanthrene	N			0.000400	0.000380
18120405	UMW-306-WG-20181204	12/4/2018	N	SW8270C SIM	N	Pyrene	N			0.000200	0.000100
18120405	UMW-306-WG-20181204	12/4/2018	N	SW6010B	T	Arsenic	N			0.0250	0.0087
18120405	UMW-306-WG-20181204	12/4/2018	N	SW6010B	T	Barium	Y	0.131	0.131	0.0025	0.0007
18120405	UMW-306-WG-20181204	12/4/2018	N	SW6010B	T	Cadmium	N			0.0020	0.0005
18120405	UMW-306-WG-20181204	12/4/2018	N	SW6010B	T	Chromium	N			0.0050	0.0015
18120405	UMW-306-WG-20181204	12/4/2018	N	SW6010B	T	Lead	N			0.0075	0.0040
18120405	UMW-306-WG-20181204	12/4/2018	N	SW6010B	T	Selenium	N			0.0400	0.0170
18120405	UMW-306-WG-20181204	12/4/2018	N	SW6010B	T	Silver	N			0.0070	0.0027
18120405	UMW-306-WG-20181204	12/4/2018	N	SW7470A	T	Mercury	N			0.00020	0.00006
18120405	UMW-306-WG-20181204	12/4/2018	N	SW9012A	N	Cyanide CN-	Y	0.014	0.014	0.005	0.003
18120405	UMW-306-WG-20181204	12/4/2018	N	SW8260B	N	Benzene	N			0.5	0.1
18120405	UMW-306-WG-20181204	12/4/2018	N	SW8260B	N	Ethylbenzene	N			2.0	0.1
18120405	UMW-306-WG-20181204	12/4/2018	N	SW8260B	N	Toluene	N			2.0	0.1
18120405	UMW-306-WG-20181204	12/4/2018	N	SW8260B	N	Xylene, Total	N			2.0	0.2
18120405	UMW-307-WG-20181204	12/4/2018	N	Field Measure	N	Depth to Water, Field	Y	27.89	27.89		
18120405	UMW-307-WG-20181204	12/4/2018	N	Field Measure	N	Dissolved Oxygen	Y	0.18	0.18		
18120405	UMW-307-WG-20181204	12/4/2018	N	Field Measure	N	Oxidation-Reduction Potential, Field	Y	-143.4	-143.4		
18120405	UMW-307-WG-20181204	12/4/2018	N	Field Measure	N	pH, Field	Y	7.53	7.53		
18120405	UMW-307-WG-20181204	12/4/2018	N	Field Measure	N	Specific Conductivity	Y	1152	1152		
18120405	UMW-307-WG-20181204	12/4/2018	N	Field Measure	N	Temperature, Field	Y	14.4	14.4		
18120405	UMW-307-WG-20181204	12/4/2018	N	SW8270C SIM	N	Acenaphthene	N			0.000100	0.000050
18120405	UMW-307-WG-20181204	12/4/2018	N	SW8270C SIM	N	Acenaphthylene	N			0.000100	0.000050
18120405	UMW-307-WG-20181204	12/4/2018	N	SW8270C SIM	N	Anthracene	N			0.000100	0.000070
18120405	UMW-307-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(a)anthracene	N			0.000100	0.000050
18120405	UMW-307-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(a)pyrene	N			0.000100	0.000050
18120405	UMW-307-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(b)fluoranthene	N			0.000100	0.000050
18120405	UMW-307-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(g,h,i)perylene	N			0.000100	0.000040
18120405	UMW-307-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(k)fluoranthene	N			0.000100	0.000050
18120405	UMW-307-WG-20181204	12/4/2018	N	SW8270C SIM	N	Chrysene	N			0.000100	0.000040
18120405	UMW-307-WG-20181204	12/4/2018	N	SW8270C SIM	N	Dibenzo(a,h)anthracene	N			0.000100	0.000060
18120405	UMW-307-WG-20181204	12/4/2018	N	SW8270C SIM	N	Fluoranthene	N			0.000200	0.000190
18120405	UMW-307-WG-20181204	12/4/2018	N	SW8270C SIM	N	Fluorene	N			0.000100	0.000090
18120405	UMW-307-WG-20181204	12/4/2018	N	SW8270C SIM	N	Indeno(1,2,3-cd)pyrene	N			0.000100	0.000080
18120405	UMW-307-WG-20181204	12/4/2018	N	SW8270C SIM	N	Naphthalene	N			0.000200	0.000170
18120405	UMW-307-WG-20181204	12/4/2018	N	SW8270C SIM	N	Phenanthrene	N			0.000400	0.000380
18120405	UMW-307-WG-20181204	12/4/2018	N	SW8270C SIM	N	Pyrene	N			0.000200	0.000100
18120405	UMW-307-WG-20181204	12/4/2018	N	SW6010B	T	Arsenic	N			0.0250	0.0087
18120405	UMW-307-WG-20181204	12/4/2018	N	SW6010B	T	Barium	Y	0.13	0.130	0.0025	0.0007
18120405	UMW-307-WG-20181204	12/4/2018	N	SW6010B	T	Cadmium	N			0.0020	0.0005
18120405	UMW-307-WG-20181204	12/4/2018	N	SW6010B	T	Chromium	N			0.0050	0.0015
18120405	UMW-307-WG-20181204	12/4/2018	N	SW6010B	T	Lead	N			0.0075	0.0040
18120405	UMW-307-WG-20181204	12/4/2018	N	SW6010B	T	Selenium	N			0.0400	0.0170
18120405	UMW-307-WG-20181204	12/4/2018	N	SW6010B	T	Silver	N			0.0070	0.0027
18120405	UMW-307-WG-20181204	12/4/2018	N	SW7470A	T	Mercury	N			0.00020	0.00006
18120405	UMW-307-WG-20181204	12/4/2018	N	SW9012A	N	Cyanide CN-	Y	0.046	0.046	0.005	0.003
18120405	UMW-307-WG-20181204	12/4/2018	N	SW8260B	N	Benzene	N			0.5	0.1
18120405	UMW-307-WG-20181204	12/4/2018	N	SW8260B	N	Ethylbenzene	N			2.0	0.1
18120405	UMW-307-WG-20181204	12/4/2018	N	SW8260B	N	Toluene	N			2.0	0.1
18120405	UMW-307-WG-20181204	12/4/2018	N	SW8260B	N	Xylene, Total	N			2.0	0.2
18120405	UMW-308-WG-20181204	12/4/2018	N	Field Measure	N	Depth to Water, Field	Y	27.95	27.95		
18120405	UMW-308-WG-20181204	12/4/2018	N	Field Measure	N	Dissolved Oxygen	Y	0.13	0.13		
18120405	UMW-308-WG-20181204	12/4/2018	N	Field Measure	N	Oxidation-Reduction Potential, Field	Y	-73.4	-73.4		
18120405	UMW-308-WG-20181204	12/4/2018	N	Field Measure	N	pH, Field	Y	7.22	7.22		

FIELD_SDG	SYS_SAMPLE_CODE	SAMPLE_DATE	SAMPLE_TYPE_CODE	ANALYTIC_METHOD	FRACTION	CHEMICAL_NAME	DETECT_FLAG	RESULT_NUMERIC	RESULT_TEXT	REPORTING_DETECTION_LIMIT	METHOD_DETECTION_LIMIT
18120405	UMW-308-WG-20181204	12/4/2018	N	Field Measure	N	Specific Conductivity	Y	1094	1094		
18120405	UMW-308-WG-20181204	12/4/2018	N	Field Measure	N	Temperature, Field	Y	13.5	13.5		
18120405	UMW-308-WG-20181204	12/4/2018	N	SW8270C SIM	N	Acenaphthene	N			0.000100	0.000050
18120405	UMW-308-WG-20181204	12/4/2018	N	SW8270C SIM	N	Acenaphthylene	N			0.000100	0.000050
18120405	UMW-308-WG-20181204	12/4/2018	N	SW8270C SIM	N	Anthracene	N			0.000100	0.000070
18120405	UMW-308-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(a)anthracene	N			0.000100	0.000050
18120405	UMW-308-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(a)pyrene	N			0.000100	0.000050
18120405	UMW-308-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(b)fluoranthene	N			0.000100	0.000050
18120405	UMW-308-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(g,h,i)perylene	N			0.000100	0.000040
18120405	UMW-308-WG-20181204	12/4/2018	N	SW8270C SIM	N	Benzo(k)fluoranthene	N			0.000100	0.000050
18120405	UMW-308-WG-20181204	12/4/2018	N	SW8270C SIM	N	Chrysene	N			0.000100	0.000040
18120405	UMW-308-WG-20181204	12/4/2018	N	SW8270C SIM	N	Dibenzo(a,h)anthracene	N			0.000100	0.000060
18120405	UMW-308-WG-20181204	12/4/2018	N	SW8270C SIM	N	Fluoranthene	N			0.000200	0.000190
18120405	UMW-308-WG-20181204	12/4/2018	N	SW8270C SIM	N	Fluorene	N			0.000100	0.000090
18120405	UMW-308-WG-20181204	12/4/2018	N	SW8270C SIM	N	Indeno(1,2,3-cd)pyrene	N			0.000100	0.000080
18120405	UMW-308-WG-20181204	12/4/2018	N	SW8270C SIM	N	Naphthalene	N	0.00025	0.000250	0.000250	0.000170
18120405	UMW-308-WG-20181204	12/4/2018	N	SW8270C SIM	N	Phenanthrene	N			0.000400	0.000380
18120405	UMW-308-WG-20181204	12/4/2018	N	SW8270C SIM	N	Pyrene	N			0.000200	0.000100
18120405	UMW-308-WG-20181204	12/4/2018	N	SW6010B	T	Arsenic	N			0.0250	0.0087
18120405	UMW-308-WG-20181204	12/4/2018	N	SW6010B	T	Barium	Y	0.119	0.119	0.0025	0.0007
18120405	UMW-308-WG-20181204	12/4/2018	N	SW6010B	T	Cadmium	N			0.0020	0.0005
18120405	UMW-308-WG-20181204	12/4/2018	N	SW6010B	T	Chromium	N			0.0050	0.0015
18120405	UMW-308-WG-20181204	12/4/2018	N	SW6010B	T	Lead	N			0.0075	0.0040
18120405	UMW-308-WG-20181204	12/4/2018	N	SW6010B	T	Selenium	N			0.0400	0.0170
18120405	UMW-308-WG-20181204	12/4/2018	N	SW6010B	T	Silver	N			0.0070	0.0027
18120405	UMW-308-WG-20181204	12/4/2018	N	SW7470A	T	Mercury	N			0.00020	0.00006
18120405	UMW-308-WG-20181204	12/4/2018	N	SW9012A	N	Cyanide CN-	Y	0.018	0.018	0.005	0.003
18120405	UMW-308-WG-20181204	12/4/2018	N	SW8260B	N	Benzene	N			0.5	0.1
18120405	UMW-308-WG-20181204	12/4/2018	N	SW8260B	N	Ethylbenzene	N			2.0	0.1
18120405	UMW-308-WG-20181204	12/4/2018	N	SW8260B	N	Toluene	N			2.0	0.1
18120405	UMW-308-WG-20181204	12/4/2018	N	SW8260B	N	Xylene, Total	N			2.0	0.2

FIELD_SDG	QUANTITATION_LIMIT	RESULT_UNIT	LAB_QUALIFIERS	validator_qualifiers_ERM	INTERPRETED_QUALIFIERS	VALIDATED_YN	TEST_BATCH_TYPE
18120405		ft				N	
18120405		mg/L				N	
18120405		mV				N	
18120405		pH units				N	
18120405		uS/cm				N	
18120405		deg C				N	
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U	UJ	UJ	Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000400	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.0250	mg/L	U			Y	Prep
18120405	0.0025	mg/L				Y	Prep
18120405	0.0020	mg/L	U			Y	Prep
18120405	0.0050	mg/L				Y	Prep
18120405	0.0075	mg/L	U			Y	Prep
18120405	0.0400	mg/L	U			Y	Prep
18120405	0.0070	mg/L	U			Y	Prep
18120405	0.00020	mg/L	U			Y	Prep
18120405	0.100	mg/L				Y	Prep
18120405	0.5	ug/L				Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405		ft				N	
18120405		mg/L				N	
18120405		mV				N	
18120405		pH units				N	
18120405		uS/cm				N	
18120405		deg C				N	
18120405	0.000100	mg/L				Y	Prep
18120405	0.000100	mg/L				Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U	UJ	UJ	Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000100	mg/L				Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.00500	mg/L		U	U	Y	Prep
18120405	0.000400	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.0250	mg/L	U			Y	Prep
18120405	0.0025	mg/L				Y	Prep
18120405	0.0020	mg/L	U			Y	Prep
18120405	0.0050	mg/L	U			Y	Prep
18120405	0.0075	mg/L	U			Y	Prep
18120405	0.0400	mg/L	U			Y	Prep
18120405	0.0070	mg/L	U			Y	Prep
18120405	0.00020	mg/L	U			Y	Prep
18120405	0.005	mg/L				Y	Prep

FIELD_SDG	QUANTITATION_LIMIT	RESULT_UNIT	LAB_QUALIFIERS	validator_qualifiers_ERM	INTERPRETED_QUALIFIERS	VALIDATED_YN	TEST_BATCH_TYPE
18120405	0.5	ug/L				Y	Prep
18120405	2.0	ug/L				Y	Prep
18120405	2.0	ug/L				Y	Prep
18120405	2.0	ug/L				Y	Prep
18120405		ft				N	
18120405		mg/L				N	
18120405		mV				N	
18120405		pH units				N	
18120405		uS/cm				N	
18120405		deg C				N	
18120405	0.000100	mg/L				Y	Prep
18120405	0.000100	mg/L				Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U	UJ	UJ	Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.200	mg/L		U	U	Y	Prep
18120405	0.000400	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.0250	mg/L	U			Y	Prep
18120405	0.0025	mg/L				Y	Prep
18120405	0.0020	mg/L	U			Y	Prep
18120405	0.0050	mg/L	U			Y	Prep
18120405	0.0075	mg/L	U			Y	Prep
18120405	0.0400	mg/L	U			Y	Prep
18120405	0.0070	mg/L	U			Y	Prep
18120405	0.00020	mg/L	U			Y	Prep
18120405	0.025	mg/L				Y	Prep
18120405	5.0	ug/L				Y	Prep
18120405	20.0	ug/L				Y	Prep
18120405	20.0	ug/L	U			Y	Prep
18120405	20.0	ug/L				Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U	UJ	UJ	Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000200	mg/L				Y	Prep
18120405	0.000400	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	25	ug/L	U			Y	Prep
18120405	2.5	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	5.0	ug/L	U			Y	Prep
18120405	7.5	ug/L	U			Y	Prep
18120405	40	ug/L	U			Y	Prep
18120405	7.0	ug/L	U			Y	Prep
18120405	0.20	ug/L	U			Y	Prep
18120405	0.005	mg/L	U			Y	Prep
18120405	0.5	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep

FIELD_SDG	QUANTITATION_LIMIT	RESULT_UNIT	LAB_QUALIFIERS	validator_qualifiers_ERM	INTERPRETED_QUALIFIERS	VALIDATED_YN	TEST_BATCH_TYPE
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	0.005	mg/L	U			Y	Prep
18120405	0.005	mg/L	U			Y	Prep
18120405	0.005	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L				Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000200	mg/L				Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000400	mg/L	U			Y	Prep
18120405	0.000200	mg/L				Y	Prep
18120405	0.0250	mg/L	U			Y	Prep
18120405	0.0025	mg/L	U			Y	Prep
18120405	0.0020	mg/L	U			Y	Prep
18120405	0.0050	mg/L	U			Y	Prep
18120405	0.0150	mg/L	U			Y	Prep
18120405	0.0400	mg/L	U			Y	Prep
18120405	0.0070	mg/L	U			Y	Prep
18120405	25.0	ug/L	U			Y	Prep
18120405	2.50	ug/L	U			Y	Prep
18120405	2.00	ug/L	U			Y	Prep
18120405	5.00	ug/L	U			Y	Prep
18120405	15.0	ug/L	U			Y	Prep
18120405	40.0	ug/L	U			Y	Prep
18120405	7.00	ug/L	U			Y	Prep
18120405	0.200	ug/L	U			Y	Prep
18120405	0.00020	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L				Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L				Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000400	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep

FIELD_SDG	QUANTITATION_LIMIT	RESULT_UNIT	LAB_QUALIFIERS	validator_qualifiers_ERM	INTERPRETED_QUALIFIERS	VALIDATED_YN	TEST_BATCH_TYPE
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000400	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.5	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	4.0	ug/L	U			Y	Prep
18120405	0.5	ug/L	U			Y	Prep
18120405	0	ug/L				Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	4.0	ug/L	U			Y	Prep
18120405	0.5	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	4.0	ug/L	U			Y	Prep
18120405	0.5	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	4.0	ug/L	U			Y	Prep
18120405	0.5	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	4.0	ug/L	U			Y	Prep
18120405	0.5	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405		ft				N	
18120405		mg/L				N	
18120405		mV				N	
18120405		pH units				N	
18120405		uS/cm				N	
18120405		deg C				N	
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U	UJ	UJ	Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000200	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000400	mg/L	U			Y	Prep
18120405	0.000200	mg/L	BU			Y	Prep
18120405	0.0250	mg/L	U			Y	Prep
18120405	0.0025	mg/L				Y	Prep
18120405	0.0020	mg/L	U			Y	Prep
18120405	0.0050	mg/L	U			Y	Prep
18120405	0.0075	mg/L	U			Y	Prep
18120405	0.0400	mg/L	U			Y	Prep
18120405	0.0070	mg/L	U			Y	Prep
18120405	0.00020	mg/L	U			Y	Prep
18120405	0.005	mg/L	U			Y	Prep

FIELD_SDG	QUANTITATION_LIMIT	RESULT_UNIT	LAB_QUALIFIERS	validator_qualifiers_ERM	INTERPRETED_QUALIFIERS	VALIDATED_YN	TEST_BATCH_TYPE
18120405	0.5	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405		ft				N	
18120405		mg/L				N	
18120405		mV				N	
18120405		pH units				N	
18120405		uS/cm				N	
18120405		deg C				N	
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU	UJ	UJ	Y	Prep
18120405	0.000100	mg/L	BU	UJ	UJ	Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000400	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.025	mg/L				Y	Prep
18120405	0.5	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	0.0250	mg/L	U			Y	Prep
18120405	0.0025	mg/L				Y	Prep
18120405	0.0250	mg/L	U			Y	Prep
18120405	0.0025	mg/L				Y	Prep
18120405	0.0020	mg/L	U			Y	Prep
18120405	0.0050	mg/L	U			Y	Prep
18120405	0.0075	mg/L	U			Y	Prep
18120405	0.0400	mg/L	U			Y	Prep
18120405	0.0070	mg/L	U			Y	Prep
18120405	0.00020	mg/L	U			Y	Prep
18120405		ft				N	
18120405		mg/L				N	
18120405		mV				N	
18120405		pH units				N	
18120405		uS/cm				N	
18120405		deg C				N	
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU	UJ	UJ	Y	Prep
18120405	0.000100	mg/L	BU	UJ	UJ	Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000400	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.0250	mg/L	U			Y	Prep
18120405	0.0025	mg/L				Y	Prep
18120405	0.0020	mg/L	U			Y	Prep
18120405	0.0050	mg/L	U			Y	Prep
18120405	0.0075	mg/L	U			Y	Prep

FIELD_SDG	QUANTITATION_LIMIT	RESULT_UNIT	LAB_QUALIFIERS	validator_qualifiers_ERM	INTERPRETED_QUALIFIERS	VALIDATED_YN	TEST_BATCH_TYPE
18120405	0.0400	mg/L	U			Y	Prep
18120405	0.0070	mg/L	U			Y	Prep
18120405	0.00020	mg/L	U			Y	Prep
18120405	0.005	mg/L				Y	Prep
18120405	0.5	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405		ft				N	
18120405		mg/L				N	
18120405		mV				N	
18120405		pH units				N	
18120405		uS/cm				N	
18120405		deg C				N	
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU	UJ	UJ	Y	Prep
18120405	0.000100	mg/L	BU	UJ	UJ	Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000400	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.0250	mg/L	U			Y	Prep
18120405	0.0025	mg/L				Y	Prep
18120405	0.0020	mg/L	U			Y	Prep
18120405	0.0050	mg/L				Y	Prep
18120405	0.0025	mg/L				Y	Prep
18120405	0.0020	mg/L	U			Y	Prep
18120405	0.0050	mg/L				Y	Prep
18120405	0.0075	mg/L	U			Y	Prep
18120405	0.0400	mg/L	U			Y	Prep
18120405	0.0070	mg/L	U			Y	Prep
18120405	0.00020	mg/L	U			Y	Prep
18120405	0.100	mg/L				Y	Prep
18120405	0.5	ug/L				Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405		ft				N	
18120405		mg/L				N	
18120405		mV				N	
18120405		pH units				N	
18120405		uS/cm				N	
18120405		deg C				N	
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU	UJ	UJ	Y	Prep
18120405	0.000100	mg/L	BU	UJ	UJ	Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000400	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.0250	mg/L	U			Y	Prep

FIELD_SDG	QUANTITATION_LIMIT	RESULT_UNIT	LAB_QUALIFIERS	validator_qualifiers_ERM	INTERPRETED_QUALIFIERS	VALIDATED_YN	TEST_BATCH_TYPE
18120405	0.0025	mg/L				Y	Prep
18120405	0.0020	mg/L	U			Y	Prep
18120405	0.0050	mg/L	U			Y	Prep
18120405	0.0075	mg/L	U			Y	Prep
18120405	0.0400	mg/L	U			Y	Prep
18120405	0.0070	mg/L	U			Y	Prep
18120405	0.00020	mg/L	U			Y	Prep
18120405	0.005	mg/L				Y	Prep
18120405	0.5	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405		ft				N	
18120405		mg/L				N	
18120405		mV				N	
18120405		pH units				N	
18120405		uS/cm				N	
18120405		deg C				N	
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU	UJ	UJ	Y	Prep
18120405	0.000100	mg/L	BU	UJ	UJ	Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000400	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.0250	mg/L	U			Y	Prep
18120405	0.0025	mg/L				Y	Prep
18120405	0.0020	mg/L	U			Y	Prep
18120405	0.0050	mg/L				Y	Prep
18120405	0.0075	mg/L	U			Y	Prep
18120405	0.0400	mg/L	U			Y	Prep
18120405	0.0070	mg/L	U			Y	Prep
18120405	0.00020	mg/L	U			Y	Prep
18120405	0.005	mg/L				Y	Prep
18120405	0.5	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405		ft				N	
18120405		mg/L				N	
18120405		mV				N	
18120405		pH units				N	
18120405		uS/cm				N	
18120405		deg C				N	
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U	UJ	UJ	Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000200	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep

FIELD_SDG	QUANTITATION_LIMIT	RESULT_UNIT	LAB_QUALIFIERS	validator_qualifiers_ERM	INTERPRETED_QUALIFIERS	VALIDATED_YN	TEST_BATCH_TYPE
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000400	mg/L	U			Y	Prep
18120405	0.000200	mg/L	BU			Y	Prep
18120405	0.0250	mg/L	U			Y	Prep
18120405	0.0025	mg/L				Y	Prep
18120405	0.0020	mg/L	U			Y	Prep
18120405	0.0050	mg/L	U			Y	Prep
18120405	0.0075	mg/L	U			Y	Prep
18120405	0.0400	mg/L	U			Y	Prep
18120405	0.0070	mg/L	U			Y	Prep
18120405	0.00020	mg/L	U			Y	Prep
18120405	0.005	mg/L	U			Y	Prep
18120405	0.5	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405		ft				N	
18120405		mg/L				N	
18120405		mV				N	
18120405		pH units				N	
18120405		uS/cm				N	
18120405		deg C				N	
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU	UJ	UJ	Y	Prep
18120405	0.000100	mg/L	BU	UJ	UJ	Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000400	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.0250	mg/L	U			Y	Prep
18120405	0.0025	mg/L				Y	Prep
18120405	0.0020	mg/L	U			Y	Prep
18120405	0.0050	mg/L				Y	Prep
18120405	0.0075	mg/L	U			Y	Prep
18120405	0.0400	mg/L	U			Y	Prep
18120405	0.0070	mg/L	U			Y	Prep
18120405	0.00020	mg/L	U			Y	Prep
18120405	0.005	mg/L	U			Y	Prep
18120405	0.5	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU	UJ	UJ	Y	Prep
18120405	0.000100	mg/L	BU	UJ	UJ	Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000400	mg/L	U			Y	Prep

FIELD_SDG	QUANTITATION_LIMIT	RESULT_UNIT	LAB_QUALIFIERS	validator_qualifiers_ERM	INTERPRETED_QUALIFIERS	VALIDATED_YN	TEST_BATCH_TYPE
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.0250	mg/L	U			Y	Prep
18120405	0.0025	mg/L				Y	Prep
18120405	0.0020	mg/L	U			Y	Prep
18120405	0.0050	mg/L	U			Y	Prep
18120405	0.0075	mg/L	U			Y	Prep
18120405	0.0400	mg/L	U			Y	Prep
18120405	0.0070	mg/L	U			Y	Prep
18120405	0.00020	mg/L	U			Y	Prep
18120405	0.005	mg/L	U			Y	Prep
18120405	0.5	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405		ft				N	
18120405		mg/L				N	
18120405		mV				N	
18120405		pH units				N	
18120405		uS/cm				N	
18120405		deg C				N	
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.0250	mg/L	U			Y	Prep
18120405	0.0025	mg/L				Y	Prep
18120405	0.0020	mg/L	U			Y	Prep
18120405	0.0050	mg/L	U			Y	Prep
18120405	0.0075	mg/L	U			Y	Prep
18120405	0.0400	mg/L	U			Y	Prep
18120405	0.0070	mg/L	U			Y	Prep
18120405	0.00020	mg/L	U			Y	Prep
18120405	0.005	mg/L				Y	Prep
18120405	0.5	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405		ft				N	
18120405		mg/L				N	
18120405		mV				N	
18120405		pH units				N	
18120405		uS/cm				N	
18120405		deg C				N	
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U	UJ	UJ	Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000200	mg/L	BU			Y	Prep

FIELD_SDG	QUANTITATION_LIMIT	RESULT_UNIT	LAB_QUALIFIERS	validator_qualifiers_ERM	INTERPRETED_QUALIFIERS	VALIDATED_YN	TEST_BATCH_TYPE
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000400	mg/L	U			Y	Prep
18120405	0.000200	mg/L	BU			Y	Prep
18120405	0.0250	mg/L	U			Y	Prep
18120405	0.0025	mg/L				Y	Prep
18120405	0.0020	mg/L	U			Y	Prep
18120405	0.0050	mg/L	U			Y	Prep
18120405	0.0075	mg/L	U			Y	Prep
18120405	0.0400	mg/L	U			Y	Prep
18120405	0.0070	mg/L	U			Y	Prep
18120405	0.00020	mg/L	U			Y	Prep
18120405	0.005	mg/L				Y	Prep
18120405	0.5	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405		ft				N	
18120405		mg/L				N	
18120405		mV				N	
18120405		pH units				N	
18120405		uS/cm				N	
18120405		deg C				N	
18120405	0.000167	mg/L	U			Y	Prep
18120405	0.000167	mg/L	U	UJ	UJ	Y	Prep
18120405	0.000167	mg/L	BU			Y	Prep
18120405	0.000167	mg/L	U			Y	Prep
18120405	0.000167	mg/L	U			Y	Prep
18120405	0.000167	mg/L	U			Y	Prep
18120405	0.000167	mg/L	U			Y	Prep
18120405	0.000167	mg/L	U			Y	Prep
18120405	0.000167	mg/L	U			Y	Prep
18120405	0.000333	mg/L	BU			Y	Prep
18120405	0.000167	mg/L	U			Y	Prep
18120405	0.000167	mg/L	U			Y	Prep
18120405	0.000333	mg/L	U			Y	Prep
18120405	0.000667	mg/L	U			Y	Prep
18120405	0.000333	mg/L	BU			Y	Prep
18120405	0.0250	mg/L	U			Y	Prep
18120405	0.0025	mg/L				Y	Prep
18120405	0.0020	mg/L	U			Y	Prep
18120405	0.0050	mg/L	U			Y	Prep
18120405	0.0075	mg/L	U			Y	Prep
18120405	0.0400	mg/L	U			Y	Prep
18120405	0.0070	mg/L	U			Y	Prep
18120405	0.00020	mg/L	U			Y	Prep
18120405	0.005	mg/L	U			Y	Prep
18120405	0.5	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405		ft				N	
18120405		mg/L				N	
18120405		mV				N	
18120405		pH units				N	
18120405		uS/cm				N	
18120405		deg C				N	
18120405	0.000100	mg/L	U			Y	Prep

FIELD_SDG	QUANTITATION_LIMIT	RESULT_UNIT	LAB_QUALIFIERS	validator_qualifiers_ERM	INTERPRETED_QUALIFIERS	VALIDATED_YN	TEST_BATCH_TYPE
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000400	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.0250	mg/L	U			Y	Prep
18120405	0.0025	mg/L				Y	Prep
18120405	0.0020	mg/L	U			Y	Prep
18120405	0.0050	mg/L	U			Y	Prep
18120405	0.0075	mg/L	U			Y	Prep
18120405	0.0400	mg/L	U			Y	Prep
18120405	0.0070	mg/L	U			Y	Prep
18120405	0.00020	mg/L	U			Y	Prep
18120405	0.025	mg/L				Y	Prep
18120405	0.5	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405		ft				N	
18120405		mg/L				N	
18120405		mV				N	
18120405		pH units				N	
18120405		uS/cm				N	
18120405		deg C				N	
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000400	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.0250	mg/L	U			Y	Prep
18120405	0.0025	mg/L				Y	Prep
18120405	0.0020	mg/L	U			Y	Prep
18120405	0.0050	mg/L	U			Y	Prep
18120405	0.0075	mg/L	U			Y	Prep
18120405	0.0400	mg/L	U			Y	Prep
18120405	0.0070	mg/L	U			Y	Prep
18120405	0.00020	mg/L	U			Y	Prep
18120405	0.005	mg/L				Y	Prep
18120405	0.5	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405		ft				N	
18120405		mg/L				N	
18120405		mV				N	

FIELD_SDG	QUANTITATION_LIMIT	RESULT_UNIT	LAB_QUALIFIERS	validator_qualifiers_ERM	INTERPRETED_QUALIFIERS	VALIDATED_YN	TEST_BATCH_TYPE
18120405		pH units				N	
18120405		uS/cm				N	
18120405		deg C				N	
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000400	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.0250	mg/L	U			Y	Prep
18120405	0.0025	mg/L				Y	Prep
18120405	0.0020	mg/L	U			Y	Prep
18120405	0.0050	mg/L	U			Y	Prep
18120405	0.0075	mg/L	U			Y	Prep
18120405	0.0400	mg/L	U			Y	Prep
18120405	0.0070	mg/L	U			Y	Prep
18120405	0.00020	mg/L	U			Y	Prep
18120405	0.005	mg/L	U			Y	Prep
18120405	0.5	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405		ft				N	
18120405	2.0	ug/L	U			Y	Prep
18120405		ft				N	
18120405		mg/L				N	
18120405		mV				N	
18120405		pH units				N	
18120405		uS/cm				N	
18120405		deg C				N	
18120405	0.000100	mg/L				Y	Prep
18120405	0.000100	mg/L				Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000100	mg/L				Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.00200	mg/L		U	U	Y	Prep
18120405	0.000400	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.0250	mg/L	U			Y	Prep
18120405	0.0025	mg/L				Y	Prep
18120405	0.0020	mg/L	U			Y	Prep
18120405	0.0050	mg/L	U			Y	Prep
18120405	0.0075	mg/L	U			Y	Prep
18120405	0.0400	mg/L	U			Y	Prep
18120405	0.0070	mg/L	U			Y	Prep
18120405	0.00020	mg/L	U			Y	Prep
18120405	0.005	mg/L				Y	Prep
18120405	0.5	ug/L				Y	Prep
18120405	2.0	ug/L				Y	Prep
18120405	2.0	ug/L				Y	Prep

FIELD_SDG	QUANTITATION_LIMIT	RESULT_UNIT	LAB_QUALIFIERS	validator_qualifiers_ERM	INTERPRETED_QUALIFIERS	VALIDATED_YN	TEST_BATCH_TYPE
18120405	2.0	ug/L				Y	Prep
18120405		ft				N	
18120405		mg/L				N	
18120405		mV				N	
18120405		pH units				N	
18120405		uS/cm				N	
18120405		deg C				N	
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000400	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.0250	mg/L	U			Y	Prep
18120405	0.0025	mg/L				Y	Prep
18120405	0.0020	mg/L				Y	Prep
18120405	0.0050	mg/L	U			Y	Prep
18120405	0.0075	mg/L	U			Y	Prep
18120405	0.0400	mg/L	U			Y	Prep
18120405	0.0070	mg/L	U			Y	Prep
18120405	0.00020	mg/L	U			Y	Prep
18120405	0.025	mg/L				Y	Prep
18120405	0.5	ug/L				Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405		ft				N	
18120405		mg/L				N	
18120405		mV				N	
18120405		pH units				N	
18120405		uS/cm				N	
18120405		deg C				N	
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U	UJ	UJ	Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000400	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.0250	mg/L	U			Y	Prep
18120405	0.0025	mg/L				Y	Prep
18120405	0.0020	mg/L	U			Y	Prep
18120405	0.0050	mg/L	U			Y	Prep
18120405	0.0075	mg/L	U			Y	Prep
18120405	0.0400	mg/L	U			Y	Prep
18120405	0.0070	mg/L	U			Y	Prep
18120405	0.00020	mg/L	U			Y	Prep

FIELD_SDG	QUANTITATION_LIMIT	RESULT_UNIT	LAB_QUALIFIERS	validator_qualifiers_ERM	INTERPRETED_QUALIFIERS	VALIDATED_YN	TEST_BATCH_TYPE
18120405	0.005	mg/L	U			Y	Prep
18120405	0.5	ug/L				Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405		ft				N	
18120405		mg/L				N	
18120405		mV				N	
18120405		pH units				N	
18120405		uS/cm				N	
18120405		deg C				N	
18120405	0.000100	mg/L				Y	Prep
18120405	0.000100	mg/L	U	UJ	UJ	Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000200	mg/L	BU			Y	Prep
18120405	0.000100	mg/L				Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000200	mg/L		U	U	Y	Prep
18120405	0.000400	mg/L	U			Y	Prep
18120405	0.000200	mg/L	BU			Y	Prep
18120405	0.0250	mg/L	U			Y	Prep
18120405	0.0025	mg/L				Y	Prep
18120405	0.0020	mg/L	U			Y	Prep
18120405	0.0050	mg/L	U			Y	Prep
18120405	0.0075	mg/L	U			Y	Prep
18120405	0.0400	mg/L	U			Y	Prep
18120405	0.0070	mg/L	U			Y	Prep
18120405	0.00020	mg/L	U			Y	Prep
18120405	0.005	mg/L	U			Y	Prep
18120405	0.5	ug/L				Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405		ft				N	
18120405		mg/L				N	
18120405		mV				N	
18120405		pH units				N	
18120405		uS/cm				N	
18120405		deg C				N	
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U	UJ	UJ	Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000200	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000400	mg/L	U			Y	Prep
18120405	0.000200	mg/L	BU			Y	Prep
18120405	0.0250	mg/L	U			Y	Prep
18120405	0.0025	mg/L				Y	Prep
18120405	0.0020	mg/L	U			Y	Prep
18120405	0.0050	mg/L	U			Y	Prep

FIELD_SDG	QUANTITATION_LIMIT	RESULT_UNIT	LAB_QUALIFIERS	validator_qualifiers_ERM	INTERPRETED_QUALIFIERS	VALIDATED_YN	TEST_BATCH_TYPE
18120405	0.0075	mg/L	U			Y	Prep
18120405	0.0400	mg/L	U			Y	Prep
18120405	0.0070	mg/L	U			Y	Prep
18120405	0.00020	mg/L	U			Y	Prep
18120405	0.005	mg/L	U			Y	Prep
18120405	0.5	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405		ft				N	
18120405		mg/L				N	
18120405		mV				N	
18120405		pH units				N	
18120405		uS/cm				N	
18120405		deg C				N	
18120405	0.000100	mg/L				Y	Prep
18120405	0.000100	mg/L				Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U	UJ	UJ	Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000100	mg/L				Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000400	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.0250	mg/L	U			Y	Prep
18120405	0.0025	mg/L				Y	Prep
18120405	0.0020	mg/L	U			Y	Prep
18120405	0.0050	mg/L	U			Y	Prep
18120405	0.0075	mg/L	U			Y	Prep
18120405	0.0400	mg/L	U			Y	Prep
18120405	0.0070	mg/L	U			Y	Prep
18120405	0.00020	mg/L	U			Y	Prep
18120405	0.005	mg/L	U			Y	Prep
18120405	0.5	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	0.000100	mg/L				Y	Prep
18120405	0.000100	mg/L				Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U	UJ	UJ	Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.200	mg/L		U	U	Y	Prep
18120405	0.000400	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.0250	mg/L	U			Y	Prep
18120405	0.0025	mg/L				Y	Prep
18120405	0.0020	mg/L	U			Y	Prep
18120405	0.0050	mg/L	U			Y	Prep
18120405	0.0075	mg/L	U			Y	Prep
18120405	0.0400	mg/L	U			Y	Prep

FIELD_SDG	QUANTITATION_LIMIT	RESULT_UNIT	LAB_QUALIFIERS	validator_qualifiers_ERM	INTERPRETED_QUALIFIERS	VALIDATED_YN	TEST_BATCH_TYPE
18120405	0.0070	mg/L	U			Y	Prep
18120405	0.00020	mg/L	U			Y	Prep
18120405	0.025	mg/L				Y	Prep
18120405	5.0	ug/L				Y	Prep
18120405	20.0	ug/L				Y	Prep
18120405	2.0	ug/L				Y	Prep
18120405	2.0	ug/L				Y	Prep
18120405		ft				N	
18120405		mg/L				N	
18120405		mV				N	
18120405		pH units				N	
18120405		uS/cm				N	
18120405		deg C				N	
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U	UJ	UJ	Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000200	mg/L		U	U	Y	Prep
18120405	0.000400	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.0250	mg/L	U			Y	Prep
18120405	0.0025	mg/L				Y	Prep
18120405	0.0020	mg/L	U			Y	Prep
18120405	0.0050	mg/L	U			Y	Prep
18120405	0.0075	mg/L	U			Y	Prep
18120405	0.0400	mg/L	U			Y	Prep
18120405	0.0070	mg/L	U			Y	Prep
18120405	0.00020	mg/L	U			Y	Prep
18120405	0.005	mg/L	U			Y	Prep
18120405	0.5	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405		ft				N	
18120405		mg/L				N	
18120405		mV				N	
18120405		pH units				N	
18120405		uS/cm				N	
18120405		deg C				N	
18120405	0.000100	mg/L				Y	Prep
18120405	0.000100	mg/L		J-	J-	Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000200	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000400	mg/L	U			Y	Prep
18120405	0.000200	mg/L	BU			Y	Prep
18120405	0.0250	mg/L	U			Y	Prep
18120405	0.0025	mg/L				Y	Prep

FIELD_SDG	QUANTITATION_LIMIT	RESULT_UNIT	LAB_QUALIFIERS	validator_qualifiers_ERM	INTERPRETED_QUALIFIERS	VALIDATED_YN	TEST_BATCH_TYPE
18120405	0.0020	mg/L	U			Y	Prep
18120405	0.0050	mg/L	U			Y	Prep
18120405	0.0075	mg/L	U			Y	Prep
18120405	0.0400	mg/L	U			Y	Prep
18120405	0.0070	mg/L	U			Y	Prep
18120405	0.00020	mg/L	U			Y	Prep
18120405	0.005	mg/L	U			Y	Prep
18120405	0.5	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405		ft				N	
18120405		mg/L				N	
18120405		mV				N	
18120405		pH units				N	
18120405		uS/cm				N	
18120405		deg C				N	
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000100	mg/L	BU			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000400	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.0250	mg/L	U			Y	Prep
18120405	0.0025	mg/L				Y	Prep
18120405	0.0020	mg/L	U			Y	Prep
18120405	0.0050	mg/L	U			Y	Prep
18120405	0.0075	mg/L	U			Y	Prep
18120405	0.0400	mg/L	U			Y	Prep
18120405	0.0070	mg/L	U			Y	Prep
18120405	0.00020	mg/L	U			Y	Prep
18120405	0.005	mg/L				Y	Prep
18120405	0.5	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405		ft				N	
18120405		mg/L				N	
18120405		mV				N	
18120405		pH units				N	
18120405		uS/cm				N	
18120405		deg C				N	
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep

FIELD_SDG	QUANTITATION_LIMIT	RESULT_UNIT	LAB_QUALIFIERS	validator_qualifiers_ERM	INTERPRETED_QUALIFIERS	VALIDATED_YN	TEST_BATCH_TYPE
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U	UJ	UJ	Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000200	mg/L	SU			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000400	mg/L	U			Y	Prep
18120405	0.000200	mg/L	SU			Y	Prep
18120405	0.0250	mg/L	U			Y	Prep
18120405	0.0025	mg/L				Y	Prep
18120405	0.0020	mg/L	U			Y	Prep
18120405	0.0050	mg/L	U			Y	Prep
18120405	0.0075	mg/L	U			Y	Prep
18120405	0.0400	mg/L	U			Y	Prep
18120405	0.0070	mg/L	U			Y	Prep
18120405	0.00020	mg/L	U			Y	Prep
18120405	0.005	mg/L				Y	Prep
18120405	0.5	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405		ft				N	
18120405		mg/L				N	
18120405		mV				N	
18120405		pH units				N	
18120405		uS/cm				N	
18120405		deg C				N	
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U	UJ	UJ	Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000400	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.0250	mg/L	U			Y	Prep
18120405	0.0025	mg/L				Y	Prep
18120405	0.0020	mg/L	U			Y	Prep
18120405	0.0050	mg/L	U			Y	Prep
18120405	0.0075	mg/L	U			Y	Prep
18120405	0.0400	mg/L	U			Y	Prep
18120405	0.0070	mg/L	U			Y	Prep
18120405	0.00020	mg/L	U			Y	Prep
18120405	0.005	mg/L				Y	Prep
18120405	0.5	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405		ft				N	
18120405		mg/L				N	
18120405		mV				N	
18120405		pH units				N	

FIELD_SDG	QUANTITATION_LIMIT	RESULT_UNIT	LAB_QUALIFIERS	validator_qualifiers_ERM	INTERPRETED_QUALIFIERS	VALIDATED_YN	TEST_BATCH_TYPE
18120405		uS/cm				N	
18120405		deg C				N	
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U	UJ	UJ	Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000100	mg/L	U			Y	Prep
18120405	0.000200	mg/L		U	U	Y	Prep
18120405	0.000400	mg/L	U			Y	Prep
18120405	0.000200	mg/L	U			Y	Prep
18120405	0.0250	mg/L	U			Y	Prep
18120405	0.0025	mg/L				Y	Prep
18120405	0.0020	mg/L	U			Y	Prep
18120405	0.0050	mg/L	U			Y	Prep
18120405	0.0075	mg/L	U			Y	Prep
18120405	0.0400	mg/L	U			Y	Prep
18120405	0.0070	mg/L	U			Y	Prep
18120405	0.00020	mg/L	U			Y	Prep
18120405	0.005	mg/L				Y	Prep
18120405	0.5	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep
18120405	2.0	ug/L	U			Y	Prep

Level 4 Data Package

Work Order 18120405

ERM-ST. LOUIS

Project ID: Champaign GW

Contents

Data Package Review Form

Workorder#: 18120405 Client: ERM-ST. LOUIS
Project: Champaign GW

Analysis Reviewed	Method
Total Cyanide	SW-846 9012A
Metals by ICP	SW-846 6010B
Mercury	SW-846 7470A
SVOCs by GC/MS	SW-846 8270C
VOCs by GC/MS	SW-846 8260B

All QC exceptions are noted in the sample narrative in the analytical report. Any additional exceptions are noted below.

No additional exceptions found

I have reviewed this data package and have found it to be complete, except as stated in the comments section above.

Quality Officer: Stacy Mathis
Date: 1/22/2019

December 17, 2018

Tom Stiegemeier
ERM
2 CityPlace Drive, Suite 70
St. Louis, MO 63141
TEL: (314) 682-3980
FAX:

RE: Champaign GW **WorkOrder:** 18120405

Dear Tom Stiegemeier:

TEKLAB, INC received 33 samples on 12/6/2018 1:46:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Michael L. Austin
Project Manager
(618)344-1004 ex 16
MAustin@teklabinc.com

Report Contents

Client: ERM
Work Order: 18120405
Client Project: Champaign GW
Report Date: 17-Dec-2018

This reporting package includes the following:

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Abbr Definition

*	Analytes on report marked with an asterisk are not NELAP accredited
CCV	Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
CRQL	A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.
DF	Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.
DNI	Did not ignite
DUP	Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.
ICV	Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
IDPH	IL Dept. of Public Health
LCS	Laboratory control sample is a sample matrix, free from the analytes of interest,spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.
LCSD	Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MBLK	Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
MDL	"The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."
MS	Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
MSD	Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MW	Molecular weight
ND	Not Detected at the Reporting Limit
NELAP	NELAP Accredited
PQL	Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.
RL	The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
RPD	Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
SPK	The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
Surr	Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
TIC	Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"
TNTC	Too numerous to count (> 200 CFU)

Qualifiers

# -	Unknown hydrocarbon
B -	Analyte detected in associated Method Blank
C -	RL shown is a Client Requested Quantitation Limit
E -	Value above quantitation range
H -	Holding times exceeded
I -	Associated internal standard was outside method criteria
J -	Analyte detected below quantitation limits
M -	Manual Integration used to determine area response
ND -	Not Detected at the Reporting Limit
R -	RPD outside accepted recovery limits
S -	Spike Recovery outside recovery limits
T -	TIC(Tentatively identified compound)
X -	Value exceeds Maximum Contaminant Level

Case Narrative

http://www.teklabinc.com/

Client: ERM
Client Project: Champaign GW

Work Order: 18120405
Report Date: 17-Dec-2018

Cooler Receipt Temp: 0.62 °C

Locations

Collinsville

Address	5445 Horseshoe Lake Road Collinsville, IL 62234-7425
Phone	(618) 344-1004
Fax	(618) 344-1005
Email	jhriley@teklabinc.com

Springfield

Address	3920 Pintail Dr Springfield, IL 62711-9415
Phone	(217) 698-1004
Fax	(217) 698-1005
Email	KKlostermann@teklabinc.com

Kansas City

Address	8421 Nieman Road Lenexa, KS 66214
Phone	(913) 541-1998
Fax	(913) 541-1998
Email	jhriley@teklabinc.com

Collinsville Air

Address	5445 Horseshoe Lake Road Collinsville, IL 62234-7425
Phone	(618) 344-1004
Fax	(618) 344-1005
Email	EHurley@teklabinc.com

Chicago

Address	1319 Butterfield Rd. Downers Grove, IL 60515
Phone	(630) 324-6855
Fax	
Email	arenner@teklabinc.com

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2019	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2019	Collinsville
Louisiana	LDEQ	166493	NELAP	6/30/2019	Collinsville
Louisiana	LDEQ	166578	NELAP	6/30/2019	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2019	Collinsville
Arkansas	ADEQ	88-0966		3/14/2019	Collinsville
Illinois	IDPH	17584		5/31/2019	Collinsville
Indiana	ISDH	C-IL-06		1/31/2019	Collinsville
Kentucky	KDEP	98006		12/31/2018	Collinsville
Kentucky	UST	0073		1/31/2019	Collinsville
Louisiana	LDPH	LA170027		12/31/2018	Collinsville
Missouri	MDNR	930		1/31/2019	Collinsville
Missouri	MDNR	00930		5/31/2019	Collinsville
Tennessee	TDEC	04905		1/31/2019	Collinsville

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Lab ID: 18120405-001 **Client Sample ID:** UMW-102-WG-20181203

Matrix: GROUNDWATER **Collection Date:** 12/03/2018 14:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		**< 0.005**	mg/L	1	12/07/2018 13:37	148434
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Arsenic	NELAP	0.0250		**< 0.0250**	mg/L	1	12/07/2018 13:15	148436
Barium	NELAP	0.0025		**0.0741**	mg/L	1	12/07/2018 13:15	148436
Cadmium	NELAP	0.0020		**< 0.0020**	mg/L	1	12/07/2018 13:15	148436
Chromium	NELAP	0.0050		**< 0.0050**	mg/L	1	12/07/2018 13:15	148436
Lead	NELAP	0.0075		**< 0.0075**	mg/L	1	12/07/2018 13:15	148436
Selenium	NELAP	0.0400		**< 0.0400**	mg/L	1	12/07/2018 13:15	148436
Silver	NELAP	0.0070		**< 0.0070**	mg/L	1	12/07/2018 13:15	148436
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		**< 0.00020**	mg/L	1	12/07/2018 8:58	148445
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 14:18	148411
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 14:18	148411
Anthracene	NELAP	0.000100	B	**ND**	mg/L	1	12/07/2018 14:18	148411
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 14:18	148411
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 14:18	148411
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 14:18	148411
Benzo(g,h,i)perylene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 14:18	148411
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 14:18	148411
Chrysene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 14:18	148411
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 14:18	148411
Fluoranthene	NELAP	0.000200	B	**ND**	mg/L	1	12/07/2018 14:18	148411
Fluorene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 14:18	148411
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 14:18	148411
Naphthalene	NELAP	0.000200		**ND**	mg/L	1	12/07/2018 14:18	148411
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	12/07/2018 14:18	148411
Pyrene	NELAP	0.000200	B	**ND**	mg/L	1	12/07/2018 14:18	148411
Surr: 2-Fluorobiphenyl	*	10-164		**71.6**	%REC	1	12/07/2018 14:18	148411
Surr: Nitrobenzene-d5	*	10.3-142		**64.8**	%REC	1	12/07/2018 14:18	148411
Surr: p-Terphenyl-d14	*	47.1-148		**97.4**	%REC	1	12/07/2018 14:18	148411

Contamination present in the MBLK for Anthracene, Pyrene and Fluoranthene. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.5		**ND**	µg/L	1	12/08/2018 10:49	148501
Ethylbenzene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 10:49	148501
Toluene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 10:49	148501
Xylenes, Total	NELAP	2.0		**ND**	µg/L	1	12/08/2018 10:49	148501
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**99.5**	%REC	1	12/08/2018 10:49	148501
Surr: 4-Bromofluorobenzene	*	83.9-115		**103.3**	%REC	1	12/08/2018 10:49	148501
Surr: Dibromofluoromethane	*	84.9-113		**99.9**	%REC	1	12/08/2018 10:49	148501
Surr: Toluene-d8	*	86.7-112		**100.3**	%REC	1	12/08/2018 10:49	148501

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Lab ID: 18120405-002 **Client Sample ID:** UMW-105-WG-20181205

Matrix: GROUNDWATER **Collection Date:** 12/05/2018 14:05

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.025		**0.057**	mg/L	5	12/07/2018 18:34	148434
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Arsenic	NELAP	0.0250		**< 0.0250**	mg/L	1	12/07/2018 13:19	148436
Barium	NELAP	0.0025		**0.0576**	mg/L	1	12/07/2018 13:19	148436
Cadmium	NELAP	0.0020		**< 0.0020**	mg/L	1	12/07/2018 13:19	148436
Chromium	NELAP	0.0050		**< 0.0050**	mg/L	1	12/07/2018 13:19	148436
Lead	NELAP	0.0075		**< 0.0075**	mg/L	1	12/07/2018 13:19	148436
Selenium	NELAP	0.0400		**< 0.0400**	mg/L	1	12/07/2018 13:19	148436
Silver	NELAP	0.0070		**< 0.0070**	mg/L	1	12/07/2018 13:19	148436
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		**< 0.00020**	mg/L	1	12/07/2018 9:00	148445
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	12/10/2018 21:04	148504
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	12/10/2018 21:04	148504
Anthracene	NELAP	0.000100		**ND**	mg/L	1	12/10/2018 21:04	148504
Benzo(a)anthracene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 21:04	148504
Benzo(a)pyrene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 21:04	148504
Benzo(b)fluoranthene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 21:04	148504
Benzo(g,h,i)perylene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 21:04	148504
Benzo(k)fluoranthene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 21:04	148504
Chrysene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 21:04	148504
Dibenzo(a,h)anthracene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 21:04	148504
Fluoranthene	NELAP	0.000200		**ND**	mg/L	1	12/10/2018 21:04	148504
Fluorene	NELAP	0.000100		**ND**	mg/L	1	12/10/2018 21:04	148504
Indeno(1,2,3-cd)pyrene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 21:04	148504
Naphthalene	NELAP	0.000200		**ND**	mg/L	1	12/10/2018 21:04	148504
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	12/10/2018 21:04	148504
Pyrene	NELAP	0.000200		**ND**	mg/L	1	12/10/2018 21:04	148504
Surr: 2-Fluorobiphenyl	*	10-164		**86.9**	%REC	1	12/10/2018 21:04	148504
Surr: Nitrobenzene-d5	*	10.3-142		**70.5**	%REC	1	12/10/2018 21:04	148504
Surr: p-Terphenyl-d14	*	47.1-148		**106.3**	%REC	1	12/10/2018 21:04	148504
Contamination present in the MBLK. Sample results below the reporting limit are reportable per the TNI Standard.								
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.5		**ND**	µg/L	1	12/08/2018 11:15	148501
Ethylbenzene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 11:15	148501
Toluene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 11:15	148501
Xylenes, Total	NELAP	2.0		**ND**	µg/L	1	12/08/2018 11:15	148501
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**98.4**	%REC	1	12/08/2018 11:15	148501
Surr: 4-Bromofluorobenzene	*	83.9-115		**104.9**	%REC	1	12/08/2018 11:15	148501
Surr: Dibromofluoromethane	*	84.9-113		**99.2**	%REC	1	12/08/2018 11:15	148501
Surr: Toluene-d8	*	86.7-112		**103.3**	%REC	1	12/08/2018 11:15	148501

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Lab ID: 18120405-003 **Client Sample ID:** UMW-106R-WG-20181204

Matrix: GROUNDWATER **Collection Date:** 12/04/2018 11:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		**0.018**	mg/L	1	12/07/2018 14:08	148434
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Arsenic	NELAP	0.0250		**< 0.0250**	mg/L	1	12/07/2018 13:23	148436
Barium	NELAP	0.0025		**0.0924**	mg/L	1	12/07/2018 13:23	148436
Cadmium	NELAP	0.0020		**< 0.0020**	mg/L	1	12/07/2018 13:23	148436
Chromium	NELAP	0.0050		**< 0.0050**	mg/L	1	12/07/2018 13:23	148436
Lead	NELAP	0.0075		**< 0.0075**	mg/L	1	12/07/2018 13:23	148436
Selenium	NELAP	0.0400		**< 0.0400**	mg/L	1	12/07/2018 13:23	148436
Silver	NELAP	0.0070		**< 0.0070**	mg/L	1	12/07/2018 13:23	148436
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		**< 0.00020**	mg/L	1	12/07/2018 9:02	148445
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	12/10/2018 21:42	148504
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	12/10/2018 21:42	148504
Anthracene	NELAP	0.000100		**ND**	mg/L	1	12/10/2018 21:42	148504
Benzo(a)anthracene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 21:42	148504
Benzo(a)pyrene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 21:42	148504
Benzo(b)fluoranthene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 21:42	148504
Benzo(g,h,i)perylene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 21:42	148504
Benzo(k)fluoranthene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 21:42	148504
Chrysene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 21:42	148504
Dibenzo(a,h)anthracene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 21:42	148504
Fluoranthene	NELAP	0.000200		**ND**	mg/L	1	12/10/2018 21:42	148504
Fluorene	NELAP	0.000100		**ND**	mg/L	1	12/10/2018 21:42	148504
Indeno(1,2,3-cd)pyrene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 21:42	148504
Naphthalene	NELAP	0.000200		**ND**	mg/L	1	12/10/2018 21:42	148504
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	12/10/2018 21:42	148504
Pyrene	NELAP	0.000200		**ND**	mg/L	1	12/10/2018 21:42	148504
Surr: 2-Fluorobiphenyl	*	10-164		**101.8**	%REC	1	12/10/2018 21:42	148504
Surr: Nitrobenzene-d5	*	10.3-142		**90.9**	%REC	1	12/10/2018 21:42	148504
Surr: p-Terphenyl-d14	*	47.1-148		**118.9**	%REC	1	12/10/2018 21:42	148504
Contamination present in the MBLK. Sample results below the reporting limit are reportable per the TNI Standard.								
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.5		**ND**	µg/L	1	12/08/2018 11:40	148501
Ethylbenzene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 11:40	148501
Toluene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 11:40	148501
Xylenes, Total	NELAP	2.0		**ND**	µg/L	1	12/08/2018 11:40	148501
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**100.4**	%REC	1	12/08/2018 11:40	148501
Surr: 4-Bromofluorobenzene	*	83.9-115		**106.4**	%REC	1	12/08/2018 11:40	148501
Surr: Dibromofluoromethane	*	84.9-113		**98.8**	%REC	1	12/08/2018 11:40	148501
Surr: Toluene-d8	*	86.7-112		**98.3**	%REC	1	12/08/2018 11:40	148501

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Lab ID: 18120405-004 **Client Sample ID:** UMW-107R-WG-20181205

Matrix: GROUNDWATER **Collection Date:** 12/05/2018 9:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.100		**0.414**	mg/L	20	12/07/2018 18:38	148434
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Arsenic	NELAP	0.0250		**< 0.0250**	mg/L	1	12/07/2018 13:26	148436
Barium	NELAP	0.0025		**0.173**	mg/L	1	12/07/2018 13:26	148436
Cadmium	NELAP	0.0020		**< 0.0020**	mg/L	1	12/07/2018 13:26	148436
Chromium	NELAP	0.0050		**0.0128**	mg/L	1	12/07/2018 13:26	148436
Lead	NELAP	0.0075		**< 0.0075**	mg/L	1	12/10/2018 11:36	148436
Selenium	NELAP	0.0400		**< 0.0400**	mg/L	1	12/07/2018 13:26	148436
Silver	NELAP	0.0070		**< 0.0070**	mg/L	1	12/07/2018 13:26	148436
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		**< 0.00020**	mg/L	1	12/07/2018 9:04	148445
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	12/10/2018 22:19	148504
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	12/10/2018 22:19	148504
Anthracene	NELAP	0.000100		**ND**	mg/L	1	12/10/2018 22:19	148504
Benzo(a)anthracene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 22:19	148504
Benzo(a)pyrene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 22:19	148504
Benzo(b)fluoranthene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 22:19	148504
Benzo(g,h,i)perylene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 22:19	148504
Benzo(k)fluoranthene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 22:19	148504
Chrysene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 22:19	148504
Dibenzo(a,h)anthracene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 22:19	148504
Fluoranthene	NELAP	0.000200		**ND**	mg/L	1	12/10/2018 22:19	148504
Fluorene	NELAP	0.000100		**ND**	mg/L	1	12/10/2018 22:19	148504
Indeno(1,2,3-cd)pyrene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 22:19	148504
Naphthalene	NELAP	0.000200		**ND**	mg/L	1	12/10/2018 22:19	148504
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	12/10/2018 22:19	148504
Pyrene	NELAP	0.000200		**ND**	mg/L	1	12/10/2018 22:19	148504
Surr: 2-Fluorobiphenyl	*	10-164		**77.3**	%REC	1	12/10/2018 22:19	148504
Surr: Nitrobenzene-d5	*	10.3-142		**78.2**	%REC	1	12/10/2018 22:19	148504
Surr: p-Terphenyl-d14	*	47.1-148		**105.7**	%REC	1	12/10/2018 22:19	148504
Contamination present in the MBLK. Sample results below the reporting limit are reportable per the TNI Standard.								
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.5		**3.7**	µg/L	1	12/08/2018 12:06	148501
Ethylbenzene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 12:06	148501
Toluene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 12:06	148501
Xylenes, Total	NELAP	2.0		**ND**	µg/L	1	12/08/2018 12:06	148501
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**100.2**	%REC	1	12/08/2018 12:06	148501
Surr: 4-Bromofluorobenzene	*	83.9-115		**103.9**	%REC	1	12/08/2018 12:06	148501
Surr: Dibromofluoromethane	*	84.9-113		**98.0**	%REC	1	12/08/2018 12:06	148501
Surr: Toluene-d8	*	86.7-112		**98.9**	%REC	1	12/08/2018 12:06	148501

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Lab ID: 18120405-005 **Client Sample ID:** UMW-108-WG-20181204

Matrix: GROUNDWATER **Collection Date:** 12/04/2018 9:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		**0.028**	mg/L	1	12/07/2018 14:34	148442
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Arsenic	NELAP	0.0250		**< 0.0250**	mg/L	1	12/07/2018 13:30	148436
Barium	NELAP	0.0025		**0.157**	mg/L	1	12/07/2018 13:30	148436
Cadmium	NELAP	0.0020		**< 0.0020**	mg/L	1	12/07/2018 13:30	148436
Chromium	NELAP	0.0050		**< 0.0050**	mg/L	1	12/07/2018 13:30	148436
Lead	NELAP	0.0075		**< 0.0075**	mg/L	1	12/07/2018 13:30	148436
Selenium	NELAP	0.0400		**< 0.0400**	mg/L	1	12/07/2018 13:30	148436
Silver	NELAP	0.0070		**< 0.0070**	mg/L	1	12/07/2018 13:30	148436
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		**< 0.00020**	mg/L	1	12/07/2018 9:11	148445
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	12/10/2018 22:57	148504
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	12/10/2018 22:57	148504
Anthracene	NELAP	0.000100		**ND**	mg/L	1	12/10/2018 22:57	148504
Benzo(a)anthracene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 22:57	148504
Benzo(a)pyrene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 22:57	148504
Benzo(b)fluoranthene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 22:57	148504
Benzo(g,h,i)perylene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 22:57	148504
Benzo(k)fluoranthene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 22:57	148504
Chrysene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 22:57	148504
Dibenzo(a,h)anthracene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 22:57	148504
Fluoranthene	NELAP	0.000200		**ND**	mg/L	1	12/10/2018 22:57	148504
Fluorene	NELAP	0.000100		**ND**	mg/L	1	12/10/2018 22:57	148504
Indeno(1,2,3-cd)pyrene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 22:57	148504
Naphthalene	NELAP	0.000200		**ND**	mg/L	1	12/10/2018 22:57	148504
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	12/10/2018 22:57	148504
Pyrene	NELAP	0.000200		**ND**	mg/L	1	12/10/2018 22:57	148504
Surr: 2-Fluorobiphenyl	*	10-164		**87.3**	%REC	1	12/10/2018 22:57	148504
Surr: Nitrobenzene-d5	*	10.3-142		**68.2**	%REC	1	12/10/2018 22:57	148504
Surr: p-Terphenyl-d14	*	47.1-148		**107.2**	%REC	1	12/10/2018 22:57	148504
Contamination present in the MBLK. Sample results below the reporting limit are reportable per the TNI Standard.								
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.5		**ND**	µg/L	1	12/08/2018 12:32	148501
Ethylbenzene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 12:32	148501
Toluene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 12:32	148501
Xylenes, Total	NELAP	2.0		**ND**	µg/L	1	12/08/2018 12:32	148501
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**100.6**	%REC	1	12/08/2018 12:32	148501
Surr: 4-Bromofluorobenzene	*	83.9-115		**105.2**	%REC	1	12/08/2018 12:32	148501
Surr: Dibromofluoromethane	*	84.9-113		**99.7**	%REC	1	12/08/2018 12:32	148501
Surr: Toluene-d8	*	86.7-112		**100.6**	%REC	1	12/08/2018 12:32	148501

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Lab ID: 18120405-006 **Client Sample ID:** UMW-109-WG-20181204

Matrix: GROUNDWATER **Collection Date:** 12/04/2018 9:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		**0.024**	mg/L	1	12/07/2018 14:51	148442
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Arsenic	NELAP	0.0250		**< 0.0250**	mg/L	1	12/07/2018 16:26	148436
Barium	NELAP	0.0025		**0.0980**	mg/L	1	12/07/2018 16:26	148436
Cadmium	NELAP	0.0020		**< 0.0020**	mg/L	1	12/07/2018 16:26	148436
Chromium	NELAP	0.0050		**0.0653**	mg/L	1	12/07/2018 16:26	148436
Lead	NELAP	0.0075		**< 0.0075**	mg/L	1	12/07/2018 16:26	148436
Selenium	NELAP	0.0400		**< 0.0400**	mg/L	1	12/07/2018 16:26	148436
Silver	NELAP	0.0070		**< 0.0070**	mg/L	1	12/07/2018 16:26	148436
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		**< 0.00020**	mg/L	1	12/07/2018 9:13	148445
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	12/10/2018 23:34	148504
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	12/10/2018 23:34	148504
Anthracene	NELAP	0.000100		**ND**	mg/L	1	12/10/2018 23:34	148504
Benzo(a)anthracene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 23:34	148504
Benzo(a)pyrene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 23:34	148504
Benzo(b)fluoranthene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 23:34	148504
Benzo(g,h,i)perylene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 23:34	148504
Benzo(k)fluoranthene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 23:34	148504
Chrysene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 23:34	148504
Dibenzo(a,h)anthracene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 23:34	148504
Fluoranthene	NELAP	0.000200		**ND**	mg/L	1	12/10/2018 23:34	148504
Fluorene	NELAP	0.000100		**ND**	mg/L	1	12/10/2018 23:34	148504
Indeno(1,2,3-cd)pyrene	NELAP	0.000100	B	**ND**	mg/L	1	12/10/2018 23:34	148504
Naphthalene	NELAP	0.000200		**ND**	mg/L	1	12/10/2018 23:34	148504
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	12/10/2018 23:34	148504
Pyrene	NELAP	0.000200		**ND**	mg/L	1	12/10/2018 23:34	148504
Surr: 2-Fluorobiphenyl	*	10-164		**78.0**	%REC	1	12/10/2018 23:34	148504
Surr: Nitrobenzene-d5	*	10.3-142		**64.2**	%REC	1	12/10/2018 23:34	148504
Surr: p-Terphenyl-d14	*	47.1-148		**105.5**	%REC	1	12/10/2018 23:34	148504
Contamination present in the MBLK. Sample results below the reporting limit are reportable per the TNI Standard.								
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.5		**ND**	µg/L	1	12/08/2018 12:58	148501
Ethylbenzene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 12:58	148501
Toluene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 12:58	148501
Xylenes, Total	NELAP	2.0		**ND**	µg/L	1	12/08/2018 12:58	148501
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**101.7**	%REC	1	12/08/2018 12:58	148501
Surr: 4-Bromofluorobenzene	*	83.9-115		**103.5**	%REC	1	12/08/2018 12:58	148501
Surr: Dibromofluoromethane	*	84.9-113		**97.9**	%REC	1	12/08/2018 12:58	148501
Surr: Toluene-d8	*	86.7-112		**101.7**	%REC	1	12/08/2018 12:58	148501

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Lab ID: 18120405-007 **Client Sample ID:** UMW-111A-WG-20181203

Matrix: GROUNDWATER **Collection Date:** 12/03/2018 16:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		**< 0.005**	mg/L	1	12/07/2018 14:55	148442
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Arsenic	NELAP	0.0250		**< 0.0250**	mg/L	1	12/07/2018 16:29	148436
Barium	NELAP	0.0025		**0.0524**	mg/L	1	12/07/2018 16:29	148436
Cadmium	NELAP	0.0020		**< 0.0020**	mg/L	1	12/07/2018 16:29	148436
Chromium	NELAP	0.0050		**< 0.0050**	mg/L	1	12/07/2018 16:29	148436
Lead	NELAP	0.0075		**< 0.0075**	mg/L	1	12/07/2018 16:29	148436
Selenium	NELAP	0.0400		**< 0.0400**	mg/L	1	12/07/2018 16:29	148436
Silver	NELAP	0.0070		**< 0.0070**	mg/L	1	12/07/2018 16:29	148436
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		**< 0.00020**	mg/L	1	12/07/2018 9:16	148445
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 14:56	148411
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 14:56	148411
Anthracene	NELAP	0.000100	B	**ND**	mg/L	1	12/07/2018 14:56	148411
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 14:56	148411
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 14:56	148411
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 14:56	148411
Benzo(g,h,i)perylene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 14:56	148411
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 14:56	148411
Chrysene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 14:56	148411
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 14:56	148411
Fluoranthene	NELAP	0.000200	B	**ND**	mg/L	1	12/07/2018 14:56	148411
Fluorene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 14:56	148411
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 14:56	148411
Naphthalene	NELAP	0.000200		**ND**	mg/L	1	12/07/2018 14:56	148411
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	12/07/2018 14:56	148411
Pyrene	NELAP	0.000200	B	**ND**	mg/L	1	12/07/2018 14:56	148411
Surr: 2-Fluorobiphenyl	*	10-164		**76.3**	%REC	1	12/07/2018 14:56	148411
Surr: Nitrobenzene-d5	*	10.3-142		**69.4**	%REC	1	12/07/2018 14:56	148411
Surr: p-Terphenyl-d14	*	47.1-148		**97.2**	%REC	1	12/07/2018 14:56	148411

Contamination present in the MBLK for Anthracene, Pyrene and Fluoranthene. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.5		**ND**	µg/L	1	12/08/2018 13:24	148501
Ethylbenzene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 13:24	148501
Toluene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 13:24	148501
Xylenes, Total	NELAP	2.0		**ND**	µg/L	1	12/08/2018 13:24	148501
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**99.8**	%REC	1	12/08/2018 13:24	148501
Surr: 4-Bromofluorobenzene	*	83.9-115		**104.4**	%REC	1	12/08/2018 13:24	148501
Surr: Dibromofluoromethane	*	84.9-113		**99.1**	%REC	1	12/08/2018 13:24	148501
Surr: Toluene-d8	*	86.7-112		**103.8**	%REC	1	12/08/2018 13:24	148501

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Lab ID: 18120405-008 **Client Sample ID:** UMW-116-WG-20181204

Matrix: GROUNDWATER **Collection Date:** 12/04/2018 10:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		**< 0.005**	mg/L	1	12/07/2018 15:00	148442
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Arsenic	NELAP	0.0250		**< 0.0250**	mg/L	1	12/07/2018 16:33	148436
Barium	NELAP	0.0025		**0.0893**	mg/L	1	12/07/2018 16:33	148436
Cadmium	NELAP	0.0020		**< 0.0020**	mg/L	1	12/07/2018 16:33	148436
Chromium	NELAP	0.0050		**0.128**	mg/L	1	12/07/2018 16:33	148436
Lead	NELAP	0.0075		**< 0.0075**	mg/L	1	12/07/2018 16:33	148436
Selenium	NELAP	0.0400		**< 0.0400**	mg/L	1	12/07/2018 16:33	148436
Silver	NELAP	0.0070		**< 0.0070**	mg/L	1	12/07/2018 16:33	148436
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		**< 0.00020**	mg/L	1	12/07/2018 9:22	148445
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 0:12	148504
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 0:12	148504
Anthracene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 0:12	148504
Benzo(a)anthracene	NELAP	0.000100	B	**ND**	mg/L	1	12/11/2018 0:12	148504
Benzo(a)pyrene	NELAP	0.000100	B	**ND**	mg/L	1	12/11/2018 0:12	148504
Benzo(b)fluoranthene	NELAP	0.000100	B	**ND**	mg/L	1	12/11/2018 0:12	148504
Benzo(g,h,i)perylene	NELAP	0.000100	B	**ND**	mg/L	1	12/11/2018 0:12	148504
Benzo(k)fluoranthene	NELAP	0.000100	B	**ND**	mg/L	1	12/11/2018 0:12	148504
Chrysene	NELAP	0.000100	B	**ND**	mg/L	1	12/11/2018 0:12	148504
Dibenzo(a,h)anthracene	NELAP	0.000100	B	**ND**	mg/L	1	12/11/2018 0:12	148504
Fluoranthene	NELAP	0.000200		**ND**	mg/L	1	12/11/2018 0:12	148504
Fluorene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 0:12	148504
Indeno(1,2,3-cd)pyrene	NELAP	0.000100	B	**ND**	mg/L	1	12/11/2018 0:12	148504
Naphthalene	NELAP	0.000200		**ND**	mg/L	1	12/11/2018 0:12	148504
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	12/11/2018 0:12	148504
Pyrene	NELAP	0.000200		**ND**	mg/L	1	12/11/2018 0:12	148504
Surr: 2-Fluorobiphenyl	*	10-164		**95.9**	%REC	1	12/11/2018 0:12	148504
Surr: Nitrobenzene-d5	*	10.3-142		**75.1**	%REC	1	12/11/2018 0:12	148504
Surr: p-Terphenyl-d14	*	47.1-148		**113.9**	%REC	1	12/11/2018 0:12	148504

Contamination present in the MBLK. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.5		**ND**	µg/L	1	12/08/2018 13:50	148501
Ethylbenzene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 13:50	148501
Toluene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 13:50	148501
Xylenes, Total	NELAP	2.0		**ND**	µg/L	1	12/08/2018 13:50	148501
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**101.0**	%REC	1	12/08/2018 13:50	148501
Surr: 4-Bromofluorobenzene	*	83.9-115		**103.4**	%REC	1	12/08/2018 13:50	148501
Surr: Dibromofluoromethane	*	84.9-113		**98.2**	%REC	1	12/08/2018 13:50	148501
Surr: Toluene-d8	*	86.7-112		**100.4**	%REC	1	12/08/2018 13:50	148501

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Lab ID: 18120405-009 **Client Sample ID:** UMW-117-WG-20181204

Matrix: GROUNDWATER **Collection Date:** 12/04/2018 11:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		**< 0.005**	mg/L	1	12/07/2018 15:26	148442
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Arsenic	NELAP	0.0250		**< 0.0250**	mg/L	1	12/07/2018 16:37	148436
Barium	NELAP	0.0025		**0.101**	mg/L	1	12/07/2018 16:37	148436
Cadmium	NELAP	0.0020		**< 0.0020**	mg/L	1	12/07/2018 16:37	148436
Chromium	NELAP	0.0050		**< 0.0050**	mg/L	1	12/07/2018 16:37	148436
Lead	NELAP	0.0075		**< 0.0075**	mg/L	1	12/07/2018 16:37	148436
Selenium	NELAP	0.0400		**< 0.0400**	mg/L	1	12/07/2018 16:37	148436
Silver	NELAP	0.0070		**< 0.0070**	mg/L	1	12/07/2018 16:37	148436
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		**< 0.00020**	mg/L	1	12/07/2018 9:25	148445
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 0:49	148504
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 0:49	148504
Anthracene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 0:49	148504
Benzo(a)anthracene	NELAP	0.000100	B	**ND**	mg/L	1	12/11/2018 0:49	148504
Benzo(a)pyrene	NELAP	0.000100	B	**ND**	mg/L	1	12/11/2018 0:49	148504
Benzo(b)fluoranthene	NELAP	0.000100	B	**ND**	mg/L	1	12/11/2018 0:49	148504
Benzo(g,h,i)perylene	NELAP	0.000100	B	**ND**	mg/L	1	12/11/2018 0:49	148504
Benzo(k)fluoranthene	NELAP	0.000100	B	**ND**	mg/L	1	12/11/2018 0:49	148504
Chrysene	NELAP	0.000100	B	**ND**	mg/L	1	12/11/2018 0:49	148504
Dibenzo(a,h)anthracene	NELAP	0.000100	B	**ND**	mg/L	1	12/11/2018 0:49	148504
Fluoranthene	NELAP	0.000200		**ND**	mg/L	1	12/11/2018 0:49	148504
Fluorene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 0:49	148504
Indeno(1,2,3-cd)pyrene	NELAP	0.000100	B	**ND**	mg/L	1	12/11/2018 0:49	148504
Naphthalene	NELAP	0.000200		**ND**	mg/L	1	12/11/2018 0:49	148504
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	12/11/2018 0:49	148504
Pyrene	NELAP	0.000200		**ND**	mg/L	1	12/11/2018 0:49	148504
Surr: 2-Fluorobiphenyl	*	10-164		**80.5**	%REC	1	12/11/2018 0:49	148504
Surr: Nitrobenzene-d5	*	10.3-142		**70.5**	%REC	1	12/11/2018 0:49	148504
Surr: p-Terphenyl-d14	*	47.1-148		**99.0**	%REC	1	12/11/2018 0:49	148504

Contamination present in the MBLK. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.5		**ND**	µg/L	1	12/08/2018 14:16	148501
Ethylbenzene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 14:16	148501
Toluene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 14:16	148501
Xylenes, Total	NELAP	2.0		**ND**	µg/L	1	12/08/2018 14:16	148501
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**100.9**	%REC	1	12/08/2018 14:16	148501
Surr: 4-Bromofluorobenzene	*	83.9-115		**104.3**	%REC	1	12/08/2018 14:16	148501
Surr: Dibromofluoromethane	*	84.9-113		**99.3**	%REC	1	12/08/2018 14:16	148501
Surr: Toluene-d8	*	86.7-112		**102.7**	%REC	1	12/08/2018 14:16	148501

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Lab ID: 18120405-010 **Client Sample ID:** UMW-118-WG-20181204

Matrix: GROUNDWATER **Collection Date:** 12/04/2018 8:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		**0.043**	mg/L	1	12/07/2018 15:44	148442
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Arsenic	NELAP	0.0250		**< 0.0250**	mg/L	1	12/07/2018 16:55	148436
Barium	NELAP	0.0025		**0.120**	mg/L	1	12/07/2018 16:55	148436
Cadmium	NELAP	0.0020		**< 0.0020**	mg/L	1	12/07/2018 16:55	148436
Chromium	NELAP	0.0050		**< 0.0050**	mg/L	1	12/07/2018 16:55	148436
Lead	NELAP	0.0075		**< 0.0075**	mg/L	1	12/07/2018 16:55	148436
Selenium	NELAP	0.0400		**< 0.0400**	mg/L	1	12/07/2018 16:55	148436
Silver	NELAP	0.0070		**< 0.0070**	mg/L	1	12/07/2018 16:55	148436
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		**< 0.00020**	mg/L	1	12/07/2018 9:27	148445
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 23:23	148504
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 23:23	148504
Anthracene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 23:23	148504
Benzo(a)anthracene	NELAP	0.000100	B	**ND**	mg/L	1	12/11/2018 23:23	148504
Benzo(a)pyrene	NELAP	0.000100	B	**ND**	mg/L	1	12/11/2018 23:23	148504
Benzo(b)fluoranthene	NELAP	0.000100	B	**ND**	mg/L	1	12/11/2018 23:23	148504
Benzo(g,h,i)perylene	NELAP	0.000100	B	**ND**	mg/L	1	12/11/2018 23:23	148504
Benzo(k)fluoranthene	NELAP	0.000100	B	**ND**	mg/L	1	12/11/2018 23:23	148504
Chrysene	NELAP	0.000100	B	**ND**	mg/L	1	12/11/2018 23:23	148504
Dibenzo(a,h)anthracene	NELAP	0.000100	B	**ND**	mg/L	1	12/11/2018 23:23	148504
Fluoranthene	NELAP	0.000200		**ND**	mg/L	1	12/11/2018 23:23	148504
Fluorene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 23:23	148504
Indeno(1,2,3-cd)pyrene	NELAP	0.000100	B	**ND**	mg/L	1	12/11/2018 23:23	148504
Naphthalene	NELAP	0.000200		**ND**	mg/L	1	12/11/2018 23:23	148504
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	12/11/2018 23:23	148504
Pyrene	NELAP	0.000200		**ND**	mg/L	1	12/11/2018 23:23	148504
Surr: 2-Fluorobiphenyl	*	10-164		**69.9**	%REC	1	12/11/2018 23:23	148504
Surr: Nitrobenzene-d5	*	10.3-142		**58.8**	%REC	1	12/11/2018 23:23	148504
Surr: p-Terphenyl-d14	*	47.1-148		**98.0**	%REC	1	12/11/2018 23:23	148504

Contamination present in the MBLK. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.5		**ND**	µg/L	1	12/08/2018 14:42	148501
Ethylbenzene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 14:42	148501
Toluene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 14:42	148501
Xylenes, Total	NELAP	2.0		**ND**	µg/L	1	12/08/2018 14:42	148501
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**98.8**	%REC	1	12/08/2018 14:42	148501
Surr: 4-Bromofluorobenzene	*	83.9-115		**102.6**	%REC	1	12/08/2018 14:42	148501
Surr: Dibromofluoromethane	*	84.9-113		**97.8**	%REC	1	12/08/2018 14:42	148501
Surr: Toluene-d8	*	86.7-112		**101.4**	%REC	1	12/08/2018 14:42	148501

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Lab ID: 18120405-011 **Client Sample ID:** UMW-119-WG-20181203

Matrix: GROUNDWATER **Collection Date:** 12/03/2018 14:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		**0.026**	mg/L	1	12/07/2018 15:48	148442
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Arsenic	NELAP	0.0250		**< 0.0250**	mg/L	1	12/07/2018 16:59	148436
Barium	NELAP	0.0025		**0.0993**	mg/L	1	12/07/2018 16:59	148436
Cadmium	NELAP	0.0020		**< 0.0020**	mg/L	1	12/07/2018 16:59	148436
Chromium	NELAP	0.0050		**< 0.0050**	mg/L	1	12/07/2018 16:59	148436
Lead	NELAP	0.0075		**< 0.0075**	mg/L	1	12/07/2018 16:59	148436
Selenium	NELAP	0.0400		**< 0.0400**	mg/L	1	12/07/2018 16:59	148436
Silver	NELAP	0.0070		**< 0.0070**	mg/L	1	12/07/2018 16:59	148436
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		**< 0.00020**	mg/L	1	12/07/2018 9:38	148445
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 15:34	148411
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 15:34	148411
Anthracene	NELAP	0.000100	B	**ND**	mg/L	1	12/07/2018 15:34	148411
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 15:34	148411
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 15:34	148411
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 15:34	148411
Benzo(g,h,i)perylene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 15:34	148411
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 15:34	148411
Chrysene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 15:34	148411
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 15:34	148411
Fluoranthene	NELAP	0.000200	B	**ND**	mg/L	1	12/07/2018 15:34	148411
Fluorene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 15:34	148411
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 15:34	148411
Naphthalene	NELAP	0.000200		**ND**	mg/L	1	12/07/2018 15:34	148411
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	12/07/2018 15:34	148411
Pyrene	NELAP	0.000200	B	**ND**	mg/L	1	12/07/2018 15:34	148411
Surr: 2-Fluorobiphenyl	*	10-164		**82.4**	%REC	1	12/07/2018 15:34	148411
Surr: Nitrobenzene-d5	*	10.3-142		**67.8**	%REC	1	12/07/2018 15:34	148411
Surr: p-Terphenyl-d14	*	47.1-148		**96.5**	%REC	1	12/07/2018 15:34	148411

Contamination present in the MBLK for Anthracene, Pyrene and Fluoranthene. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.5		**ND**	µg/L	1	12/08/2018 15:08	148501
Ethylbenzene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 15:08	148501
Toluene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 15:08	148501
Xylenes, Total	NELAP	2.0		**ND**	µg/L	1	12/08/2018 15:08	148501
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**101.2**	%REC	1	12/08/2018 15:08	148501
Surr: 4-Bromofluorobenzene	*	83.9-115		**104.3**	%REC	1	12/08/2018 15:08	148501
Surr: Dibromofluoromethane	*	84.9-113		**101.1**	%REC	1	12/08/2018 15:08	148501
Surr: Toluene-d8	*	86.7-112		**102.4**	%REC	1	12/08/2018 15:08	148501

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Lab ID: 18120405-012 **Client Sample ID:** UMW-120-WG-20181203

Matrix: GROUNDWATER **Collection Date:** 12/03/2018 15:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		**< 0.005**	mg/L	1	12/07/2018 15:52	148442
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Arsenic	NELAP	0.0250		**< 0.0250**	mg/L	1	12/07/2018 17:02	148436
Barium	NELAP	0.0025		**0.0634**	mg/L	1	12/07/2018 17:02	148436
Cadmium	NELAP	0.0020		**< 0.0020**	mg/L	1	12/07/2018 17:02	148436
Chromium	NELAP	0.0050		**< 0.0050**	mg/L	1	12/07/2018 17:02	148436
Lead	NELAP	0.0075		**< 0.0075**	mg/L	1	12/07/2018 17:02	148436
Selenium	NELAP	0.0400		**< 0.0400**	mg/L	1	12/07/2018 17:02	148436
Silver	NELAP	0.0070		**< 0.0070**	mg/L	1	12/07/2018 17:02	148436
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		**< 0.00020**	mg/L	1	12/07/2018 9:40	148445
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000167		**ND**	mg/L	1	12/07/2018 16:12	148411
Acenaphthylene	NELAP	0.000167		**ND**	mg/L	1	12/07/2018 16:12	148411
Anthracene	NELAP	0.000167	B	**ND**	mg/L	1	12/07/2018 16:12	148411
Benzo(a)anthracene	NELAP	0.000167		**ND**	mg/L	1	12/07/2018 16:12	148411
Benzo(a)pyrene	NELAP	0.000167		**ND**	mg/L	1	12/07/2018 16:12	148411
Benzo(b)fluoranthene	NELAP	0.000167		**ND**	mg/L	1	12/07/2018 16:12	148411
Benzo(g,h,i)perylene	NELAP	0.000167		**ND**	mg/L	1	12/07/2018 16:12	148411
Benzo(k)fluoranthene	NELAP	0.000167		**ND**	mg/L	1	12/07/2018 16:12	148411
Chrysene	NELAP	0.000167		**ND**	mg/L	1	12/07/2018 16:12	148411
Dibenzo(a,h)anthracene	NELAP	0.000167		**ND**	mg/L	1	12/07/2018 16:12	148411
Fluoranthene	NELAP	0.000333	B	**ND**	mg/L	1	12/07/2018 16:12	148411
Fluorene	NELAP	0.000167		**ND**	mg/L	1	12/07/2018 16:12	148411
Indeno(1,2,3-cd)pyrene	NELAP	0.000167		**ND**	mg/L	1	12/07/2018 16:12	148411
Naphthalene	NELAP	0.000333		**ND**	mg/L	1	12/07/2018 16:12	148411
Phenanthrene	NELAP	0.000667		**ND**	mg/L	1	12/07/2018 16:12	148411
Pyrene	NELAP	0.000333	B	**ND**	mg/L	1	12/07/2018 16:12	148411
Surr: 2-Fluorobiphenyl	*	10-164		**58.2**	%REC	1	12/07/2018 16:12	148411
Surr: Nitrobenzene-d5	*	10.3-142		**51.6**	%REC	1	12/07/2018 16:12	148411
Surr: p-Terphenyl-d14	*	47.1-148		**86.7**	%REC	1	12/07/2018 16:12	148411

Elevated reporting limits due to limited sample upon re-extraction.

Contamination present in the MBLK for Anthracene, Pyrene and Fluoranthene. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.5		**ND**	µg/L	1	12/08/2018 15:34	148501
Ethylbenzene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 15:34	148501
Toluene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 15:34	148501
Xylenes, Total	NELAP	2.0		**ND**	µg/L	1	12/08/2018 15:34	148501
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**101.1**	%REC	1	12/08/2018 15:34	148501
Surr: 4-Bromofluorobenzene	*	83.9-115		**104.6**	%REC	1	12/08/2018 15:34	148501
Surr: Dibromofluoromethane	*	84.9-113		**102.2**	%REC	1	12/08/2018 15:34	148501
Surr: Toluene-d8	*	86.7-112		**101.0**	%REC	1	12/08/2018 15:34	148501

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Lab ID: 18120405-013 **Client Sample ID:** UMW-121-WG-20181205

Matrix: GROUNDWATER **Collection Date:** 12/05/2018 14:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.025		**0.108**	mg/L	5	12/07/2018 18:47	148442
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Arsenic	NELAP	0.0250		**< 0.0250**	mg/L	1	12/07/2018 17:06	148436
Barium	NELAP	0.0025		**0.140**	mg/L	1	12/07/2018 17:06	148436
Cadmium	NELAP	0.0020		**< 0.0020**	mg/L	1	12/07/2018 17:06	148436
Chromium	NELAP	0.0050		**< 0.0050**	mg/L	1	12/07/2018 17:06	148436
Lead	NELAP	0.0075		**< 0.0075**	mg/L	1	12/07/2018 17:06	148436
Selenium	NELAP	0.0400		**< 0.0400**	mg/L	1	12/07/2018 17:06	148436
Silver	NELAP	0.0070		**< 0.0070**	mg/L	1	12/07/2018 17:06	148436
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		**< 0.00020**	mg/L	1	12/07/2018 9:43	148445
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	12/12/2018 0:01	148504
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	12/12/2018 0:01	148504
Anthracene	NELAP	0.000100		**ND**	mg/L	1	12/12/2018 0:01	148504
Benzo(a)anthracene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 0:01	148504
Benzo(a)pyrene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 0:01	148504
Benzo(b)fluoranthene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 0:01	148504
Benzo(g,h,i)perylene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 0:01	148504
Benzo(k)fluoranthene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 0:01	148504
Chrysene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 0:01	148504
Dibenzo(a,h)anthracene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 0:01	148504
Fluoranthene	NELAP	0.000200		**ND**	mg/L	1	12/12/2018 0:01	148504
Fluorene	NELAP	0.000100		**ND**	mg/L	1	12/12/2018 0:01	148504
Indeno(1,2,3-cd)pyrene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 0:01	148504
Naphthalene	NELAP	0.000200		**ND**	mg/L	1	12/12/2018 0:01	148504
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	12/12/2018 0:01	148504
Pyrene	NELAP	0.000200		**ND**	mg/L	1	12/12/2018 0:01	148504
Surr: 2-Fluorobiphenyl	*	10-164		**75.4**	%REC	1	12/12/2018 0:01	148504
Surr: Nitrobenzene-d5	*	10.3-142		**62.3**	%REC	1	12/12/2018 0:01	148504
Surr: p-Terphenyl-d14	*	47.1-148		**101.8**	%REC	1	12/12/2018 0:01	148504

Contamination present in the MBLK. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.5		**ND**	µg/L	1	12/08/2018 15:59	148501
Ethylbenzene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 15:59	148501
Toluene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 15:59	148501
Xylenes, Total	NELAP	2.0		**ND**	µg/L	1	12/08/2018 15:59	148501
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**102.7**	%REC	1	12/08/2018 15:59	148501
Surr: 4-Bromofluorobenzene	*	83.9-115		**103.5**	%REC	1	12/08/2018 15:59	148501
Surr: Dibromofluoromethane	*	84.9-113		**101.8**	%REC	1	12/08/2018 15:59	148501
Surr: Toluene-d8	*	86.7-112		**102.0**	%REC	1	12/08/2018 15:59	148501

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Lab ID: 18120405-014 **Client Sample ID:** UMW-122-WG-20181204

Matrix: GROUNDWATER **Collection Date:** 12/04/2018 15:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		**0.028**	mg/L	1	12/07/2018 16:05	148442
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Arsenic	NELAP	0.0250		**< 0.0250**	mg/L	1	12/07/2018 17:10	148436
Barium	NELAP	0.0025		**0.0552**	mg/L	1	12/07/2018 17:10	148436
Cadmium	NELAP	0.0020		**< 0.0020**	mg/L	1	12/07/2018 17:10	148436
Chromium	NELAP	0.0050		**< 0.0050**	mg/L	1	12/07/2018 17:10	148436
Lead	NELAP	0.0075		**< 0.0075**	mg/L	1	12/07/2018 17:10	148436
Selenium	NELAP	0.0400		**< 0.0400**	mg/L	1	12/07/2018 17:10	148436
Silver	NELAP	0.0070		**< 0.0070**	mg/L	1	12/07/2018 17:10	148436
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		**< 0.00020**	mg/L	1	12/07/2018 9:45	148445
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	12/12/2018 0:38	148504
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	12/12/2018 0:38	148504
Anthracene	NELAP	0.000100		**ND**	mg/L	1	12/12/2018 0:38	148504
Benzo(a)anthracene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 0:38	148504
Benzo(a)pyrene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 0:38	148504
Benzo(b)fluoranthene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 0:38	148504
Benzo(g,h,i)perylene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 0:38	148504
Benzo(k)fluoranthene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 0:38	148504
Chrysene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 0:38	148504
Dibenzo(a,h)anthracene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 0:38	148504
Fluoranthene	NELAP	0.000200		**ND**	mg/L	1	12/12/2018 0:38	148504
Fluorene	NELAP	0.000100		**ND**	mg/L	1	12/12/2018 0:38	148504
Indeno(1,2,3-cd)pyrene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 0:38	148504
Naphthalene	NELAP	0.000200		**ND**	mg/L	1	12/12/2018 0:38	148504
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	12/12/2018 0:38	148504
Pyrene	NELAP	0.000200		**ND**	mg/L	1	12/12/2018 0:38	148504
Surr: 2-Fluorobiphenyl	*	10-164		**77.8**	%REC	1	12/12/2018 0:38	148504
Surr: Nitrobenzene-d5	*	10.3-142		**66.0**	%REC	1	12/12/2018 0:38	148504
Surr: p-Terphenyl-d14	*	47.1-148		**103.4**	%REC	1	12/12/2018 0:38	148504

Contamination present in the MBLK. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.5		**ND**	µg/L	1	12/08/2018 16:25	148501
Ethylbenzene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 16:25	148501
Toluene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 16:25	148501
Xylenes, Total	NELAP	2.0		**ND**	µg/L	1	12/08/2018 16:25	148501
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**98.7**	%REC	1	12/08/2018 16:25	148501
Surr: 4-Bromofluorobenzene	*	83.9-115		**104.8**	%REC	1	12/08/2018 16:25	148501
Surr: Dibromofluoromethane	*	84.9-113		**96.4**	%REC	1	12/08/2018 16:25	148501
Surr: Toluene-d8	*	86.7-112		**100.1**	%REC	1	12/08/2018 16:25	148501

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Lab ID: 18120405-015 **Client Sample ID:** UMW-123-WG-20181204

Matrix: GROUNDWATER **Collection Date:** 12/04/2018 15:05

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		**< 0.005**	mg/L	1	12/07/2018 16:10	148442
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Arsenic	NELAP	0.0250		**< 0.0250**	mg/L	1	12/07/2018 17:13	148436
Barium	NELAP	0.0025		**0.0244**	mg/L	1	12/07/2018 17:13	148436
Cadmium	NELAP	0.0020		**< 0.0020**	mg/L	1	12/07/2018 17:13	148436
Chromium	NELAP	0.0050		**< 0.0050**	mg/L	1	12/07/2018 17:13	148436
Lead	NELAP	0.0075		**< 0.0075**	mg/L	1	12/07/2018 17:13	148436
Selenium	NELAP	0.0400		**< 0.0400**	mg/L	1	12/07/2018 17:13	148436
Silver	NELAP	0.0070		**< 0.0070**	mg/L	1	12/07/2018 17:13	148436
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		**< 0.00020**	mg/L	1	12/07/2018 9:47	148445
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	12/12/2018 1:16	148504
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	12/12/2018 1:16	148504
Anthracene	NELAP	0.000100		**ND**	mg/L	1	12/12/2018 1:16	148504
Benzo(a)anthracene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 1:16	148504
Benzo(a)pyrene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 1:16	148504
Benzo(b)fluoranthene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 1:16	148504
Benzo(g,h,i)perylene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 1:16	148504
Benzo(k)fluoranthene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 1:16	148504
Chrysene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 1:16	148504
Dibenzo(a,h)anthracene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 1:16	148504
Fluoranthene	NELAP	0.000200		**ND**	mg/L	1	12/12/2018 1:16	148504
Fluorene	NELAP	0.000100		**ND**	mg/L	1	12/12/2018 1:16	148504
Indeno(1,2,3-cd)pyrene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 1:16	148504
Naphthalene	NELAP	0.000200		**ND**	mg/L	1	12/12/2018 1:16	148504
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	12/12/2018 1:16	148504
Pyrene	NELAP	0.000200		**ND**	mg/L	1	12/12/2018 1:16	148504
Surr: 2-Fluorobiphenyl	*	10-164		**79.3**	%REC	1	12/12/2018 1:16	148504
Surr: Nitrobenzene-d5	*	10.3-142		**66.5**	%REC	1	12/12/2018 1:16	148504
Surr: p-Terphenyl-d14	*	47.1-148		**98.3**	%REC	1	12/12/2018 1:16	148504

Contamination present in the MBLK. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.5		**ND**	µg/L	1	12/08/2018 16:51	148501
Ethylbenzene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 16:51	148501
Toluene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 16:51	148501
Xylenes, Total	NELAP	2.0		**ND**	µg/L	1	12/08/2018 16:51	148501
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**101.4**	%REC	1	12/08/2018 16:51	148501
Surr: 4-Bromofluorobenzene	*	83.9-115		**104.4**	%REC	1	12/08/2018 16:51	148501
Surr: Dibromofluoromethane	*	84.9-113		**99.1**	%REC	1	12/08/2018 16:51	148501
Surr: Toluene-d8	*	86.7-112		**102.4**	%REC	1	12/08/2018 16:51	148501

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Lab ID: 18120405-016 **Client Sample ID:** UMW-124-WG-20181205

Matrix: GROUNDWATER **Collection Date:** 12/05/2018 12:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		**0.011**	mg/L	1	12/07/2018 16:14	148442
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Arsenic	NELAP	0.0250		**< 0.0250**	mg/L	1	12/07/2018 17:17	148436
Barium	NELAP	0.0025		**0.0369**	mg/L	1	12/07/2018 17:17	148436
Cadmium	NELAP	0.0020		**< 0.0020**	mg/L	1	12/07/2018 17:17	148436
Chromium	NELAP	0.0050		**< 0.0050**	mg/L	1	12/07/2018 17:17	148436
Lead	NELAP	0.0075		**< 0.0075**	mg/L	1	12/07/2018 17:17	148436
Selenium	NELAP	0.0400		**< 0.0400**	mg/L	1	12/07/2018 17:17	148436
Silver	NELAP	0.0070		**< 0.0070**	mg/L	1	12/07/2018 17:17	148436
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		**< 0.00020**	mg/L	1	12/07/2018 9:49	148445
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**0.000343**	mg/L	1	12/12/2018 1:53	148504
Acenaphthylene	NELAP	0.000100		**0.000190**	mg/L	1	12/12/2018 1:53	148504
Anthracene	NELAP	0.000100		**ND**	mg/L	1	12/12/2018 1:53	148504
Benzo(a)anthracene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 1:53	148504
Benzo(a)pyrene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 1:53	148504
Benzo(b)fluoranthene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 1:53	148504
Benzo(g,h,i)perylene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 1:53	148504
Benzo(k)fluoranthene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 1:53	148504
Chrysene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 1:53	148504
Dibenzo(a,h)anthracene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 1:53	148504
Fluoranthene	NELAP	0.000200		**ND**	mg/L	1	12/12/2018 1:53	148504
Fluorene	NELAP	0.000100		**0.000117**	mg/L	1	12/12/2018 1:53	148504
Indeno(1,2,3-cd)pyrene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 1:53	148504
Naphthalene	NELAP	0.00200		**0.0281**	mg/L	10	12/14/2018 12:50	148504
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	12/12/2018 1:53	148504
Pyrene	NELAP	0.000200		**ND**	mg/L	1	12/12/2018 1:53	148504
Surr: 2-Fluorobiphenyl	*	10-164		**76.2**	%REC	1	12/12/2018 1:53	148504
Surr: Nitrobenzene-d5	*	10.3-142		**79.0**	%REC	1	12/12/2018 1:53	148504
Surr: p-Terphenyl-d14	*	47.1-148		**102.4**	%REC	1	12/12/2018 1:53	148504

Contamination present in the MBLK. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.5		**70.3**	µg/L	1	12/08/2018 17:17	148501
Ethylbenzene	NELAP	2.0		**6.6**	µg/L	1	12/08/2018 17:17	148501
Toluene	NELAP	2.0		**33.1**	µg/L	1	12/08/2018 17:17	148501
Xylenes, Total	NELAP	2.0		**17.9**	µg/L	1	12/08/2018 17:17	148501
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**100.5**	%REC	1	12/08/2018 17:17	148501
Surr: 4-Bromofluorobenzene	*	83.9-115		**107.0**	%REC	1	12/08/2018 17:17	148501
Surr: Dibromofluoromethane	*	84.9-113		**99.7**	%REC	1	12/08/2018 17:17	148501
Surr: Toluene-d8	*	86.7-112		**100.8**	%REC	1	12/08/2018 17:17	148501

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Lab ID: 18120405-017 **Client Sample ID:** UMW-125-WG-20181205

Matrix: GROUNDWATER **Collection Date:** 12/05/2018 8:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.025		**0.055**	mg/L	5	12/07/2018 18:51	148442
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Arsenic	NELAP	0.0250		**< 0.0250**	mg/L	1	12/07/2018 17:21	148436
Barium	NELAP	0.0025		**0.0144**	mg/L	1	12/07/2018 17:21	148436
Cadmium	NELAP	0.0020		**0.0020**	mg/L	1	12/07/2018 17:21	148436
Chromium	NELAP	0.0050		**< 0.0050**	mg/L	1	12/07/2018 17:21	148436
Lead	NELAP	0.0075		**< 0.0075**	mg/L	1	12/07/2018 17:21	148436
Selenium	NELAP	0.0400		**< 0.0400**	mg/L	1	12/07/2018 17:21	148436
Silver	NELAP	0.0070		**< 0.0070**	mg/L	1	12/07/2018 17:21	148436
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		**< 0.00020**	mg/L	1	12/07/2018 9:52	148445
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	12/12/2018 2:31	148504
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	12/12/2018 2:31	148504
Anthracene	NELAP	0.000100		**ND**	mg/L	1	12/12/2018 2:31	148504
Benzo(a)anthracene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 2:31	148504
Benzo(a)pyrene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 2:31	148504
Benzo(b)fluoranthene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 2:31	148504
Benzo(g,h,i)perylene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 2:31	148504
Benzo(k)fluoranthene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 2:31	148504
Chrysene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 2:31	148504
Dibenzo(a,h)anthracene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 2:31	148504
Fluoranthene	NELAP	0.000200		**ND**	mg/L	1	12/12/2018 2:31	148504
Fluorene	NELAP	0.000100		**ND**	mg/L	1	12/12/2018 2:31	148504
Indeno(1,2,3-cd)pyrene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 2:31	148504
Naphthalene	NELAP	0.000200		**ND**	mg/L	1	12/12/2018 2:31	148504
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	12/12/2018 2:31	148504
Pyrene	NELAP	0.000200		**ND**	mg/L	1	12/12/2018 2:31	148504
Surr: 2-Fluorobiphenyl	*	10-164		**77.7**	%REC	1	12/12/2018 2:31	148504
Surr: Nitrobenzene-d5	*	10.3-142		**69.1**	%REC	1	12/12/2018 2:31	148504
Surr: p-Terphenyl-d14	*	47.1-148		**105.6**	%REC	1	12/12/2018 2:31	148504

Contamination present in the MBLK. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.5		**0.7**	µg/L	1	12/08/2018 3:38	148509
Ethylbenzene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 3:38	148509
Toluene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 3:38	148509
Xylenes, Total	NELAP	2.0		**ND**	µg/L	1	12/08/2018 3:38	148509
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**94.0**	%REC	1	12/08/2018 3:38	148509
Surr: 4-Bromofluorobenzene	*	83.9-115		**98.0**	%REC	1	12/08/2018 3:38	148509
Surr: Dibromofluoromethane	*	84.9-113		**97.5**	%REC	1	12/08/2018 3:38	148509
Surr: Toluene-d8	*	86.7-112		**95.1**	%REC	1	12/08/2018 3:38	148509

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Lab ID: 18120405-018 **Client Sample ID:** UMW-126-WG-20181205

Matrix: GROUNDWATER **Collection Date:** 12/05/2018 10:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		**< 0.005**	mg/L	1	12/07/2018 16:45	148442
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Arsenic	NELAP	0.0250		**< 0.0250**	mg/L	1	12/07/2018 17:54	148437
Barium	NELAP	0.0025		**0.0231**	mg/L	1	12/07/2018 17:54	148437
Cadmium	NELAP	0.0020		**< 0.0020**	mg/L	1	12/07/2018 17:54	148437
Chromium	NELAP	0.0050		**< 0.0050**	mg/L	1	12/07/2018 17:54	148437
Lead	NELAP	0.0075		**< 0.0075**	mg/L	1	12/07/2018 17:54	148437
Selenium	NELAP	0.0400		**< 0.0400**	mg/L	1	12/07/2018 17:54	148437
Silver	NELAP	0.0070		**< 0.0070**	mg/L	1	12/07/2018 17:54	148437
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		**< 0.00020**	mg/L	1	12/07/2018 9:54	148445
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 11:29	148524
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 11:29	148524
Anthracene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 11:29	148524
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 11:29	148524
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 11:29	148524
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 11:29	148524
Benzo(g,h,i)perylene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 11:29	148524
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 11:29	148524
Chrysene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 11:29	148524
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 11:29	148524
Fluoranthene	NELAP	0.000200		**ND**	mg/L	1	12/11/2018 11:29	148524
Fluorene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 11:29	148524
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 11:29	148524
Naphthalene	NELAP	0.000200		**ND**	mg/L	1	12/11/2018 11:29	148524
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	12/11/2018 11:29	148524
Pyrene	NELAP	0.000200		**ND**	mg/L	1	12/11/2018 11:29	148524
Surr: 2-Fluorobiphenyl	*	10-164		**75.6**	%REC	1	12/11/2018 11:29	148524
Surr: Nitrobenzene-d5	*	10.3-142		**70.0**	%REC	1	12/11/2018 11:29	148524
Surr: p-Terphenyl-d14	*	47.1-148		**119.8**	%REC	1	12/11/2018 11:29	148524
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.5		**26.1**	µg/L	1	12/08/2018 4:05	148509
Ethylbenzene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 4:05	148509
Toluene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 4:05	148509
Xylenes, Total	NELAP	2.0		**ND**	µg/L	1	12/08/2018 4:05	148509
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**89.8**	%REC	1	12/08/2018 4:05	148509
Surr: 4-Bromofluorobenzene	*	83.9-115		**99.1**	%REC	1	12/08/2018 4:05	148509
Surr: Dibromofluoromethane	*	84.9-113		**98.4**	%REC	1	12/08/2018 4:05	148509
Surr: Toluene-d8	*	86.7-112		**96.0**	%REC	1	12/08/2018 4:05	148509

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Lab ID: 18120405-019 **Client Sample ID:** UMW-127-WG-20181203

Matrix: GROUNDWATER **Collection Date:** 12/03/2018 13:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		**< 0.005**	mg/L	1	12/07/2018 16:49	148442
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Arsenic	NELAP	0.0250		**< 0.0250**	mg/L	1	12/07/2018 17:58	148437
Barium	NELAP	0.0025		**0.169**	mg/L	1	12/07/2018 17:58	148437
Cadmium	NELAP	0.0020		**< 0.0020**	mg/L	1	12/07/2018 17:58	148437
Chromium	NELAP	0.0050		**< 0.0050**	mg/L	1	12/07/2018 17:58	148437
Lead	NELAP	0.0075		**< 0.0075**	mg/L	1	12/07/2018 17:58	148437
Selenium	NELAP	0.0400		**< 0.0400**	mg/L	1	12/07/2018 17:58	148437
Silver	NELAP	0.0070		**< 0.0070**	mg/L	1	12/07/2018 17:58	148437
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		**< 0.00020**	mg/L	1	12/07/2018 9:56	148445
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**0.000171**	mg/L	1	12/07/2018 16:50	148411
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 16:50	148411
Anthracene	NELAP	0.000100	B	**ND**	mg/L	1	12/07/2018 16:50	148411
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 16:50	148411
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 16:50	148411
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 16:50	148411
Benzo(g,h,i)perylene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 16:50	148411
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 16:50	148411
Chrysene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 16:50	148411
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 16:50	148411
Fluoranthene	NELAP	0.000200	B	**ND**	mg/L	1	12/07/2018 16:50	148411
Fluorene	NELAP	0.000100		**0.000134**	mg/L	1	12/07/2018 16:50	148411
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 16:50	148411
Naphthalene	NELAP	0.000200		**0.00169**	mg/L	1	12/07/2018 16:50	148411
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	12/07/2018 16:50	148411
Pyrene	NELAP	0.000200	B	**ND**	mg/L	1	12/07/2018 16:50	148411
Surr: 2-Fluorobiphenyl	*	10-164		**74.0**	%REC	1	12/07/2018 16:50	148411
Surr: Nitrobenzene-d5	*	10.3-142		**66.1**	%REC	1	12/07/2018 16:50	148411
Surr: p-Terphenyl-d14	*	47.1-148		**93.2**	%REC	1	12/07/2018 16:50	148411

Contamination present in the MBLK for Anthracene, Pyrene and Fluoranthene. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.5		**2.1**	µg/L	1	12/08/2018 4:33	148509
Ethylbenzene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 4:33	148509
Toluene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 4:33	148509
Xylenes, Total	NELAP	2.0		**ND**	µg/L	1	12/08/2018 4:33	148509
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**90.8**	%REC	1	12/08/2018 4:33	148509
Surr: 4-Bromofluorobenzene	*	83.9-115		**96.5**	%REC	1	12/08/2018 4:33	148509
Surr: Dibromofluoromethane	*	84.9-113		**98.8**	%REC	1	12/08/2018 4:33	148509
Surr: Toluene-d8	*	86.7-112		**100.1**	%REC	1	12/08/2018 4:33	148509

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Lab ID: 18120405-020 **Client Sample ID:** UMW-300-WG-20181203

Matrix: GROUNDWATER **Collection Date:** 12/03/2018 16:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		**< 0.005**	mg/L	1	12/07/2018 16:58	148442
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Arsenic	NELAP	0.0250		**< 0.0250**	mg/L	1	12/07/2018 18:01	148437
Barium	NELAP	0.0025		**0.122**	mg/L	1	12/07/2018 18:01	148437
Cadmium	NELAP	0.0020		**< 0.0020**	mg/L	1	12/07/2018 18:01	148437
Chromium	NELAP	0.0050		**< 0.0050**	mg/L	1	12/07/2018 18:01	148437
Lead	NELAP	0.0075		**< 0.0075**	mg/L	1	12/07/2018 18:01	148437
Selenium	NELAP	0.0400		**< 0.0400**	mg/L	1	12/07/2018 18:01	148437
Silver	NELAP	0.0070		**< 0.0070**	mg/L	1	12/07/2018 18:01	148437
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		**< 0.00020**	mg/L	1	12/07/2018 9:58	148445
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 17:28	148411
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 17:28	148411
Anthracene	NELAP	0.000100	B	**ND**	mg/L	1	12/07/2018 17:28	148411
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 17:28	148411
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 17:28	148411
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 17:28	148411
Benzo(g,h,i)perylene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 17:28	148411
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 17:28	148411
Chrysene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 17:28	148411
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 17:28	148411
Fluoranthene	NELAP	0.000200	B	**ND**	mg/L	1	12/07/2018 17:28	148411
Fluorene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 17:28	148411
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 17:28	148411
Naphthalene	NELAP	0.000200		**ND**	mg/L	1	12/07/2018 17:28	148411
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	12/07/2018 17:28	148411
Pyrene	NELAP	0.000200	B	**ND**	mg/L	1	12/07/2018 17:28	148411
Surr: 2-Fluorobiphenyl	*	10-164		**85.7**	%REC	1	12/07/2018 17:28	148411
Surr: Nitrobenzene-d5	*	10.3-142		**68.5**	%REC	1	12/07/2018 17:28	148411
Surr: p-Terphenyl-d14	*	47.1-148		**95.9**	%REC	1	12/07/2018 17:28	148411

Contamination present in the MBLK for Anthracene, Pyrene and Fluoranthene. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.5		**ND**	µg/L	1	12/08/2018 5:00	148509
Ethylbenzene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 5:00	148509
Toluene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 5:00	148509
Xylenes, Total	NELAP	2.0		**ND**	µg/L	1	12/08/2018 5:00	148509
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**94.2**	%REC	1	12/08/2018 5:00	148509
Surr: 4-Bromofluorobenzene	*	83.9-115		**98.9**	%REC	1	12/08/2018 5:00	148509
Surr: Dibromofluoromethane	*	84.9-113		**99.0**	%REC	1	12/08/2018 5:00	148509
Surr: Toluene-d8	*	86.7-112		**97.4**	%REC	1	12/08/2018 5:00	148509

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Lab ID: 18120405-021 **Client Sample ID:** UMW-301R-WG-20181205

Matrix: GROUNDWATER **Collection Date:** 12/05/2018 10:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		**< 0.005**	mg/L	1	12/07/2018 17:02	148442
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Arsenic	NELAP	0.0250		**< 0.0250**	mg/L	1	12/07/2018 18:05	148437
Barium	NELAP	0.0025		**0.0819**	mg/L	1	12/07/2018 18:05	148437
Cadmium	NELAP	0.0020		**< 0.0020**	mg/L	1	12/07/2018 18:05	148437
Chromium	NELAP	0.0050		**< 0.0050**	mg/L	1	12/07/2018 18:05	148437
Lead	NELAP	0.0075		**< 0.0075**	mg/L	1	12/07/2018 18:05	148437
Selenium	NELAP	0.0400		**< 0.0400**	mg/L	1	12/07/2018 18:05	148437
Silver	NELAP	0.0070		**< 0.0070**	mg/L	1	12/07/2018 18:05	148437
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		**< 0.00020**	mg/L	1	12/07/2018 10:09	148446
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**0.00349**	mg/L	1	12/11/2018 12:06	148524
Acenaphthylene	NELAP	0.000100		**0.00425**	mg/L	1	12/11/2018 12:06	148524
Anthracene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 12:06	148524
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 12:06	148524
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 12:06	148524
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 12:06	148524
Benzo(g,h,i)perylene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 12:06	148524
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 12:06	148524
Chrysene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 12:06	148524
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 12:06	148524
Fluoranthene	NELAP	0.000200		**ND**	mg/L	1	12/11/2018 12:06	148524
Fluorene	NELAP	0.000100		**0.000162**	mg/L	1	12/11/2018 12:06	148524
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 12:06	148524
Naphthalene	NELAP	0.000200		**ND**	mg/L	1	12/11/2018 12:06	148524
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	12/11/2018 12:06	148524
Pyrene	NELAP	0.000200		**ND**	mg/L	1	12/11/2018 12:06	148524
Surr: 2-Fluorobiphenyl	*	10-164		**80.6**	%REC	1	12/11/2018 12:06	148524
Surr: Nitrobenzene-d5	*	10.3-142		**65.4**	%REC	1	12/11/2018 12:06	148524
Surr: p-Terphenyl-d14	*	47.1-148		**101.2**	%REC	1	12/11/2018 12:06	148524
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.5		**ND**	µg/L	1	12/08/2018 5:28	148509
Ethylbenzene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 5:28	148509
Toluene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 5:28	148509
Xylenes, Total	NELAP	2.0		**ND**	µg/L	1	12/08/2018 5:28	148509
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**91.6**	%REC	1	12/08/2018 5:28	148509
Surr: 4-Bromofluorobenzene	*	83.9-115		**92.3**	%REC	1	12/08/2018 5:28	148509
Surr: Dibromofluoromethane	*	84.9-113		**97.1**	%REC	1	12/08/2018 5:28	148509
Surr: Toluene-d8	*	86.7-112		**93.1**	%REC	1	12/08/2018 5:28	148509

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Lab ID: 18120405-022 **Client Sample ID:** UMW-302-WG-20181205

Matrix: GROUNDWATER **Collection Date:** 12/05/2018 13:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.025		**0.137**	mg/L	5	12/07/2018 19:18	148442
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Arsenic	NELAP	0.0250		**< 0.0250**	mg/L	1	12/07/2018 18:09	148437
Barium	NELAP	0.0025		**0.0670**	mg/L	1	12/07/2018 18:09	148437
Cadmium	NELAP	0.0020		**< 0.0020**	mg/L	1	12/07/2018 18:09	148437
Chromium	NELAP	0.0050		**< 0.0050**	mg/L	1	12/07/2018 18:09	148437
Lead	NELAP	0.0075		**< 0.0075**	mg/L	1	12/07/2018 18:09	148437
Selenium	NELAP	0.0400		**< 0.0400**	mg/L	1	12/07/2018 18:09	148437
Silver	NELAP	0.0070		**< 0.0070**	mg/L	1	12/07/2018 18:09	148437
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		**< 0.00020**	mg/L	1	12/07/2018 10:12	148446
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**0.000360**	mg/L	1	12/11/2018 12:44	148524
Acenaphthylene	NELAP	0.000100		**0.000540**	mg/L	1	12/11/2018 12:44	148524
Anthracene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 12:44	148524
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 12:44	148524
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 12:44	148524
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 12:44	148524
Benzo(g,h,i)perylene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 12:44	148524
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 12:44	148524
Chrysene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 12:44	148524
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 12:44	148524
Fluoranthene	NELAP	0.000200		**ND**	mg/L	1	12/11/2018 12:44	148524
Fluorene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 12:44	148524
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 12:44	148524
Naphthalene	NELAP	0.200		**2.30**	mg/L	1000	12/12/2018 14:16	148524
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	12/11/2018 12:44	148524
Pyrene	NELAP	0.000200		**ND**	mg/L	1	12/11/2018 12:44	148524
Surr: 2-Fluorobiphenyl	*	10-164	S	**0**	%REC	1000	12/12/2018 14:16	148524
Surr: Nitrobenzene-d5	*	10.3-142	S	**0**	%REC	1000	12/12/2018 14:16	148524
Surr: p-Terphenyl-d14	*	47.1-148		**109.6**	%REC	1	12/11/2018 12:44	148524
Surrogate recovery is outside control limits due to sample dilution.								
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	5.0		**526**	µg/L	10	12/10/2018 17:33	148542
Ethylbenzene	NELAP	20.0		**832**	µg/L	10	12/10/2018 17:33	148542
Toluene	NELAP	2.0		**11.1**	µg/L	1	12/08/2018 5:55	148509
Xylenes, Total	NELAP	2.0		**226**	µg/L	1	12/08/2018 5:55	148509
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**86.3**	%REC	1	12/08/2018 5:55	148509
Surr: 4-Bromofluorobenzene	*	83.9-115		**98.6**	%REC	1	12/08/2018 5:55	148509
Surr: Dibromofluoromethane	*	84.9-113		**99.2**	%REC	1	12/08/2018 5:55	148509
Surr: Toluene-d8	*	86.7-112		**99.0**	%REC	1	12/08/2018 5:55	148509

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Lab ID: 18120405-023 **Client Sample ID:** UMW-303-WG-20181204

Matrix: GROUNDWATER **Collection Date:** 12/04/2018 10:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		**< 0.005**	mg/L	1	12/10/2018 13:40	148470
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Arsenic	NELAP	0.0250		**< 0.0250**	mg/L	1	12/07/2018 18:12	148437
Barium	NELAP	0.0025		**0.0422**	mg/L	1	12/07/2018 18:12	148437
Cadmium	NELAP	0.0020		**< 0.0020**	mg/L	1	12/07/2018 18:12	148437
Chromium	NELAP	0.0050		**< 0.0050**	mg/L	1	12/07/2018 18:12	148437
Lead	NELAP	0.0075		**< 0.0075**	mg/L	1	12/07/2018 18:12	148437
Selenium	NELAP	0.0400		**< 0.0400**	mg/L	1	12/07/2018 18:12	148437
Silver	NELAP	0.0070		**< 0.0070**	mg/L	1	12/07/2018 18:12	148437
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		**< 0.00020**	mg/L	1	12/07/2018 10:14	148446
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 13:22	148524
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 13:22	148524
Anthracene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 13:22	148524
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 13:22	148524
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 13:22	148524
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 13:22	148524
Benzo(g,h,i)perylene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 13:22	148524
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 13:22	148524
Chrysene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 13:22	148524
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 13:22	148524
Fluoranthene	NELAP	0.000200		**ND**	mg/L	1	12/11/2018 13:22	148524
Fluorene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 13:22	148524
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 13:22	148524
Naphthalene	NELAP	0.000200		**0.00188**	mg/L	1	12/11/2018 13:22	148524
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	12/11/2018 13:22	148524
Pyrene	NELAP	0.000200		**ND**	mg/L	1	12/11/2018 13:22	148524
Surr: 2-Fluorobiphenyl	*	10-164		**86.1**	%REC	1	12/11/2018 13:22	148524
Surr: Nitrobenzene-d5	*	10.3-142		**69.9**	%REC	1	12/11/2018 13:22	148524
Surr: p-Terphenyl-d14	*	47.1-148		**98.7**	%REC	1	12/11/2018 13:22	148524
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.5		**ND**	µg/L	1	12/08/2018 6:22	148509
Ethylbenzene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 6:22	148509
Toluene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 6:22	148509
Xylenes, Total	NELAP	2.0		**ND**	µg/L	1	12/08/2018 6:22	148509
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**95.7**	%REC	1	12/08/2018 6:22	148509
Surr: 4-Bromofluorobenzene	*	83.9-115		**99.1**	%REC	1	12/08/2018 6:22	148509
Surr: Dibromofluoromethane	*	84.9-113		**99.7**	%REC	1	12/08/2018 6:22	148509
Surr: Toluene-d8	*	86.7-112		**95.9**	%REC	1	12/08/2018 6:22	148509

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Lab ID: 18120405-024 **Client Sample ID:** UMW-304R-WG-20181203

Matrix: GROUNDWATER **Collection Date:** 12/03/2018 12:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		**< 0.005**	mg/L	1	12/10/2018 13:44	148470
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Arsenic	NELAP	0.0250		**< 0.0250**	mg/L	1	12/07/2018 18:16	148437
Barium	NELAP	0.0025		**0.0818**	mg/L	1	12/07/2018 18:16	148437
Cadmium	NELAP	0.0020		**< 0.0020**	mg/L	1	12/07/2018 18:16	148437
Chromium	NELAP	0.0050		**< 0.0050**	mg/L	1	12/07/2018 18:16	148437
Lead	NELAP	0.0075		**< 0.0075**	mg/L	1	12/07/2018 18:16	148437
Selenium	NELAP	0.0400		**< 0.0400**	mg/L	1	12/07/2018 18:16	148437
Silver	NELAP	0.0070		**< 0.0070**	mg/L	1	12/07/2018 18:16	148437
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		**< 0.00020**	mg/L	1	12/07/2018 10:16	148446
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**0.000550**	mg/L	1	12/07/2018 18:05	148411
Acenaphthylene	NELAP	0.000100		**0.00139**	mg/L	1	12/07/2018 18:05	148411
Anthracene	NELAP	0.000100	B	**ND**	mg/L	1	12/07/2018 18:05	148411
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 18:05	148411
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 18:05	148411
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 18:05	148411
Benzo(g,h,i)perylene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 18:05	148411
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 18:05	148411
Chrysene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 18:05	148411
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 18:05	148411
Fluoranthene	NELAP	0.000200	B	**ND**	mg/L	1	12/07/2018 18:05	148411
Fluorene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 18:05	148411
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	12/07/2018 18:05	148411
Naphthalene	NELAP	0.000200		**ND**	mg/L	1	12/07/2018 18:05	148411
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	12/07/2018 18:05	148411
Pyrene	NELAP	0.000200	B	**ND**	mg/L	1	12/07/2018 18:05	148411
Surr: 2-Fluorobiphenyl	*	10-164		**80.5**	%REC	1	12/07/2018 18:05	148411
Surr: Nitrobenzene-d5	*	10.3-142		**68.2**	%REC	1	12/07/2018 18:05	148411
Surr: p-Terphenyl-d14	*	47.1-148		**97.8**	%REC	1	12/07/2018 18:05	148411

Contamination present in the MBLK for Anthracene, Pyrene and Fluoranthene. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.5		**ND**	µg/L	1	12/08/2018 6:49	148509
Ethylbenzene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 6:49	148509
Toluene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 6:49	148509
Xylenes, Total	NELAP	2.0		**ND**	µg/L	1	12/08/2018 6:49	148509
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**92.5**	%REC	1	12/08/2018 6:49	148509
Surr: 4-Bromofluorobenzene	*	83.9-115		**99.3**	%REC	1	12/08/2018 6:49	148509
Surr: Dibromofluoromethane	*	84.9-113		**97.3**	%REC	1	12/08/2018 6:49	148509
Surr: Toluene-d8	*	86.7-112		**96.5**	%REC	1	12/08/2018 6:49	148509

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Lab ID: 18120405-025 **Client Sample ID:** UMW-305-WG-20181204

Matrix: GROUNDWATER **Collection Date:** 12/04/2018 13:55

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		**0.011**	mg/L	1	12/10/2018 13:53	148470
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Arsenic	NELAP	0.0250		**< 0.0250**	mg/L	1	12/07/2018 18:31	148437
Barium	NELAP	0.0025		**0.111**	mg/L	1	12/07/2018 18:31	148437
Cadmium	NELAP	0.0020		**< 0.0020**	mg/L	1	12/07/2018 18:31	148437
Chromium	NELAP	0.0050		**< 0.0050**	mg/L	1	12/07/2018 18:31	148437
Lead	NELAP	0.0075		**< 0.0075**	mg/L	1	12/07/2018 18:31	148437
Selenium	NELAP	0.0400		**< 0.0400**	mg/L	1	12/07/2018 18:31	148437
Silver	NELAP	0.0070		**< 0.0070**	mg/L	1	12/07/2018 18:31	148437
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		**< 0.00020**	mg/L	1	12/07/2018 10:18	148446
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	12/12/2018 3:08	148504
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	12/12/2018 3:08	148504
Anthracene	NELAP	0.000100		**ND**	mg/L	1	12/12/2018 3:08	148504
Benzo(a)anthracene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 3:08	148504
Benzo(a)pyrene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 3:08	148504
Benzo(b)fluoranthene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 3:08	148504
Benzo(g,h,i)perylene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 3:08	148504
Benzo(k)fluoranthene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 3:08	148504
Chrysene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 3:08	148504
Dibenzo(a,h)anthracene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 3:08	148504
Fluoranthene	NELAP	0.000200		**ND**	mg/L	1	12/12/2018 3:08	148504
Fluorene	NELAP	0.000100		**ND**	mg/L	1	12/12/2018 3:08	148504
Indeno(1,2,3-cd)pyrene	NELAP	0.000100	B	**ND**	mg/L	1	12/12/2018 3:08	148504
Naphthalene	NELAP	0.000200		**ND**	mg/L	1	12/12/2018 3:08	148504
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	12/12/2018 3:08	148504
Pyrene	NELAP	0.000200		**ND**	mg/L	1	12/12/2018 3:08	148504
Surr: 2-Fluorobiphenyl	*	10-164		**81.6**	%REC	1	12/12/2018 3:08	148504
Surr: Nitrobenzene-d5	*	10.3-142		**65.2**	%REC	1	12/12/2018 3:08	148504
Surr: p-Terphenyl-d14	*	47.1-148		**98.0**	%REC	1	12/12/2018 3:08	148504

Contamination present in the MBLK. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.5		**ND**	µg/L	1	12/08/2018 7:16	148509
Ethylbenzene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 7:16	148509
Toluene	NELAP	2.0		**ND**	µg/L	1	12/08/2018 7:16	148509
Xylenes, Total	NELAP	2.0		**ND**	µg/L	1	12/08/2018 7:16	148509
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**95.2**	%REC	1	12/08/2018 7:16	148509
Surr: 4-Bromofluorobenzene	*	83.9-115		**94.8**	%REC	1	12/08/2018 7:16	148509
Surr: Dibromofluoromethane	*	84.9-113		**100.1**	%REC	1	12/08/2018 7:16	148509
Surr: Toluene-d8	*	86.7-112		**101.0**	%REC	1	12/08/2018 7:16	148509

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Lab ID: 18120405-026 **Client Sample ID:** UMW-306-WG-20181204

Matrix: GROUNDWATER **Collection Date:** 12/04/2018 13:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		**0.014**	mg/L	1	12/10/2018 14:41	148470
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Arsenic	NELAP	0.0250		**< 0.0250**	mg/L	1	12/07/2018 18:42	148437
Barium	NELAP	0.0025		**0.131**	mg/L	1	12/07/2018 18:42	148437
Cadmium	NELAP	0.0020		**< 0.0020**	mg/L	1	12/07/2018 18:42	148437
Chromium	NELAP	0.0050		**< 0.0050**	mg/L	1	12/07/2018 18:42	148437
Lead	NELAP	0.0075		**< 0.0075**	mg/L	1	12/07/2018 18:42	148437
Selenium	NELAP	0.0400		**< 0.0400**	mg/L	1	12/07/2018 18:42	148437
Silver	NELAP	0.0070		**< 0.0070**	mg/L	1	12/07/2018 18:42	148437
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		**< 0.00020**	mg/L	1	12/07/2018 10:25	148446
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 14:00	148524
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 14:00	148524
Anthracene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 14:00	148524
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 14:00	148524
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 14:00	148524
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 14:00	148524
Benzo(g,h,i)perylene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 14:00	148524
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 14:00	148524
Chrysene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 14:00	148524
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 14:00	148524
Fluoranthene	NELAP	0.000200	S	**ND**	mg/L	1	12/11/2018 14:00	148524
Fluorene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 14:00	148524
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 14:00	148524
Naphthalene	NELAP	0.000200		**ND**	mg/L	1	12/11/2018 14:00	148524
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	12/11/2018 14:00	148524
Pyrene	NELAP	0.000200	S	**ND**	mg/L	1	12/11/2018 14:00	148524
Surr: 2-Fluorobiphenyl	*	10-164		**82.1**	%REC	1	12/11/2018 14:00	148524
Surr: Nitrobenzene-d5	*	10.3-142		**66.5**	%REC	1	12/11/2018 14:00	148524
Surr: p-Terphenyl-d14	*	47.1-148		**98.4**	%REC	1	12/11/2018 14:00	148524
Matrix spike did not recover within control limits due to matrix interference.								
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.5		**ND**	µg/L	1	12/11/2018 12:35	148562
Ethylbenzene	NELAP	2.0		**ND**	µg/L	1	12/11/2018 12:35	148562
Toluene	NELAP	2.0		**ND**	µg/L	1	12/11/2018 12:35	148562
Xylenes, Total	NELAP	2.0		**ND**	µg/L	1	12/11/2018 12:35	148562
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**102.1**	%REC	1	12/11/2018 12:35	148562
Surr: 4-Bromofluorobenzene	*	83.9-115		**104.0**	%REC	1	12/11/2018 12:35	148562
Surr: Dibromofluoromethane	*	84.9-113		**98.2**	%REC	1	12/11/2018 12:35	148562
Surr: Toluene-d8	*	86.7-112		**102.1**	%REC	1	12/11/2018 12:35	148562

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Lab ID: 18120405-027 **Client Sample ID:** UMW-307-WG-20181204

Matrix: GROUNDWATER **Collection Date:** 12/04/2018 14:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		**0.046**	mg/L	1	12/10/2018 14:11	148470
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Arsenic	NELAP	0.0250		**< 0.0250**	mg/L	1	12/07/2018 18:53	148437
Barium	NELAP	0.0025		**0.130**	mg/L	1	12/07/2018 18:53	148437
Cadmium	NELAP	0.0020		**< 0.0020**	mg/L	1	12/07/2018 18:53	148437
Chromium	NELAP	0.0050		**< 0.0050**	mg/L	1	12/07/2018 18:53	148437
Lead	NELAP	0.0075		**< 0.0075**	mg/L	1	12/07/2018 18:53	148437
Selenium	NELAP	0.0400		**< 0.0400**	mg/L	1	12/07/2018 18:53	148437
Silver	NELAP	0.0070		**< 0.0070**	mg/L	1	12/07/2018 18:53	148437
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		**< 0.00020**	mg/L	1	12/07/2018 10:36	148446
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 15:53	148524
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 15:53	148524
Anthracene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 15:53	148524
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 15:53	148524
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 15:53	148524
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 15:53	148524
Benzo(g,h,i)perylene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 15:53	148524
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 15:53	148524
Chrysene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 15:53	148524
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 15:53	148524
Fluoranthene	NELAP	0.000200		**ND**	mg/L	1	12/11/2018 15:53	148524
Fluorene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 15:53	148524
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 15:53	148524
Naphthalene	NELAP	0.000200		**ND**	mg/L	1	12/11/2018 15:53	148524
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	12/11/2018 15:53	148524
Pyrene	NELAP	0.000200		**ND**	mg/L	1	12/11/2018 15:53	148524
Surr: 2-Fluorobiphenyl	*	10-164		**95.8**	%REC	1	12/11/2018 15:53	148524
Surr: Nitrobenzene-d5	*	10.3-142		**71.1**	%REC	1	12/11/2018 15:53	148524
Surr: p-Terphenyl-d14	*	47.1-148		**120.0**	%REC	1	12/11/2018 15:53	148524
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.5		**ND**	µg/L	1	12/11/2018 13:01	148562
Ethylbenzene	NELAP	2.0		**ND**	µg/L	1	12/11/2018 13:01	148562
Toluene	NELAP	2.0		**ND**	µg/L	1	12/11/2018 13:01	148562
Xylenes, Total	NELAP	2.0		**ND**	µg/L	1	12/11/2018 13:01	148562
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**99.4**	%REC	1	12/11/2018 13:01	148562
Surr: 4-Bromofluorobenzene	*	83.9-115		**104.6**	%REC	1	12/11/2018 13:01	148562
Surr: Dibromofluoromethane	*	84.9-113		**96.9**	%REC	1	12/11/2018 13:01	148562
Surr: Toluene-d8	*	86.7-112		**101.9**	%REC	1	12/11/2018 13:01	148562

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Lab ID: 18120405-028 **Client Sample ID:** UMW-308-WG-20181204

Matrix: GROUNDWATER **Collection Date:** 12/04/2018 15:55

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		**0.018**	mg/L	1	12/10/2018 14:15	148470
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Arsenic	NELAP	0.0250		**< 0.0250**	mg/L	1	12/07/2018 18:56	148437
Barium	NELAP	0.0025		**0.119**	mg/L	1	12/07/2018 18:56	148437
Cadmium	NELAP	0.0020		**< 0.0020**	mg/L	1	12/07/2018 18:56	148437
Chromium	NELAP	0.0050		**< 0.0050**	mg/L	1	12/07/2018 18:56	148437
Lead	NELAP	0.0075		**< 0.0075**	mg/L	1	12/07/2018 18:56	148437
Selenium	NELAP	0.0400		**< 0.0400**	mg/L	1	12/07/2018 18:56	148437
Silver	NELAP	0.0070		**< 0.0070**	mg/L	1	12/07/2018 18:56	148437
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		**< 0.00020**	mg/L	1	12/07/2018 10:39	148446
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 16:31	148524
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 16:31	148524
Anthracene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 16:31	148524
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 16:31	148524
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 16:31	148524
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 16:31	148524
Benzo(g,h,i)perylene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 16:31	148524
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 16:31	148524
Chrysene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 16:31	148524
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 16:31	148524
Fluoranthene	NELAP	0.000200		**ND**	mg/L	1	12/11/2018 16:31	148524
Fluorene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 16:31	148524
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 16:31	148524
Naphthalene	NELAP	0.000200		**0.000250**	mg/L	1	12/11/2018 16:31	148524
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	12/11/2018 16:31	148524
Pyrene	NELAP	0.000200		**ND**	mg/L	1	12/11/2018 16:31	148524
Surr: 2-Fluorobiphenyl	*	10-164		**79.4**	%REC	1	12/11/2018 16:31	148524
Surr: Nitrobenzene-d5	*	10.3-142		**78.3**	%REC	1	12/11/2018 16:31	148524
Surr: p-Terphenyl-d14	*	47.1-148		**103.1**	%REC	1	12/11/2018 16:31	148524
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.5		**ND**	µg/L	1	12/11/2018 13:28	148562
Ethylbenzene	NELAP	2.0		**ND**	µg/L	1	12/11/2018 13:28	148562
Toluene	NELAP	2.0		**ND**	µg/L	1	12/11/2018 13:28	148562
Xylenes, Total	NELAP	2.0		**ND**	µg/L	1	12/11/2018 13:28	148562
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**102.9**	%REC	1	12/11/2018 13:28	148562
Surr: 4-Bromofluorobenzene	*	83.9-115		**101.5**	%REC	1	12/11/2018 13:28	148562
Surr: Dibromofluoromethane	*	84.9-113		**100.1**	%REC	1	12/11/2018 13:28	148562
Surr: Toluene-d8	*	86.7-112		**100.9**	%REC	1	12/11/2018 13:28	148562

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Lab ID: 18120405-029 **Client Sample ID:** DUP 001-WG-20181205

Matrix: GROUNDWATER **Collection Date:** 12/05/2018 0:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.100		**0.385**	mg/L	20	12/10/2018 22:28	148470
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Arsenic	NELAP	0.0250		**< 0.0250**	mg/L	1	12/07/2018 19:00	148437
Barium	NELAP	0.0025		**0.185**	mg/L	1	12/07/2018 19:00	148437
Cadmium	NELAP	0.0020		**< 0.0020**	mg/L	1	12/07/2018 19:00	148437
Chromium	NELAP	0.0050		**0.0105**	mg/L	1	12/07/2018 19:00	148437
Lead	NELAP	0.0075		**< 0.0075**	mg/L	1	12/07/2018 19:00	148437
Selenium	NELAP	0.0400		**< 0.0400**	mg/L	1	12/07/2018 19:00	148437
Silver	NELAP	0.0070		**< 0.0070**	mg/L	1	12/07/2018 19:00	148437
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		**< 0.00020**	mg/L	1	12/07/2018 10:41	148446
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 17:08	148524
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 17:08	148524
Anthracene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 17:08	148524
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 17:08	148524
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 17:08	148524
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 17:08	148524
Benzo(g,h,i)perylene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 17:08	148524
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 17:08	148524
Chrysene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 17:08	148524
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 17:08	148524
Fluoranthene	NELAP	0.000200		**ND**	mg/L	1	12/11/2018 17:08	148524
Fluorene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 17:08	148524
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 17:08	148524
Naphthalene	NELAP	0.000200		**ND**	mg/L	1	12/11/2018 17:08	148524
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	12/11/2018 17:08	148524
Pyrene	NELAP	0.000200		**ND**	mg/L	1	12/11/2018 17:08	148524
Surr: 2-Fluorobiphenyl	*	10-164		**68.1**	%REC	1	12/11/2018 17:08	148524
Surr: Nitrobenzene-d5	*	10.3-142		**72.5**	%REC	1	12/11/2018 17:08	148524
Surr: p-Terphenyl-d14	*	47.1-148		**100.5**	%REC	1	12/11/2018 17:08	148524
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.5		**3.8**	µg/L	1	12/11/2018 13:54	148562
Ethylbenzene	NELAP	2.0		**ND**	µg/L	1	12/11/2018 13:54	148562
Toluene	NELAP	2.0		**ND**	µg/L	1	12/11/2018 13:54	148562
Xylenes, Total	NELAP	2.0		**ND**	µg/L	1	12/11/2018 13:54	148562
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**101.8**	%REC	1	12/11/2018 13:54	148562
Surr: 4-Bromofluorobenzene	*	83.9-115		**106.2**	%REC	1	12/11/2018 13:54	148562
Surr: Dibromofluoromethane	*	84.9-113		**99.7**	%REC	1	12/11/2018 13:54	148562
Surr: Toluene-d8	*	86.7-112		**102.7**	%REC	1	12/11/2018 13:54	148562

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Lab ID: 18120405-030 **Client Sample ID:** DUP 002-WG-20181205

Matrix: GROUNDWATER **Collection Date:** 12/05/2018 0:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		**0.008**	mg/L	1	12/11/2018 16:35	148470
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Arsenic	NELAP	0.0250		**< 0.0250**	mg/L	1	12/07/2018 19:18	148437
Barium	NELAP	0.0025		**0.0372**	mg/L	1	12/07/2018 19:18	148437
Cadmium	NELAP	0.0020		**< 0.0020**	mg/L	1	12/07/2018 19:18	148437
Chromium	NELAP	0.0050		**< 0.0050**	mg/L	1	12/07/2018 19:18	148437
Lead	NELAP	0.0075		**< 0.0075**	mg/L	1	12/07/2018 19:18	148437
Selenium	NELAP	0.0400		**< 0.0400**	mg/L	1	12/07/2018 19:18	148437
Silver	NELAP	0.0070		**< 0.0070**	mg/L	1	12/07/2018 19:18	148437
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		**< 0.00020**	mg/L	1	12/07/2018 10:43	148446
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**0.000326**	mg/L	1	12/11/2018 17:46	148524
Acenaphthylene	NELAP	0.000100		**0.000187**	mg/L	1	12/11/2018 17:46	148524
Anthracene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 17:46	148524
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 17:46	148524
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 17:46	148524
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 17:46	148524
Benzo(g,h,i)perylene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 17:46	148524
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 17:46	148524
Chrysene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 17:46	148524
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 17:46	148524
Fluoranthene	NELAP	0.000200		**ND**	mg/L	1	12/11/2018 17:46	148524
Fluorene	NELAP	0.000100		**0.000109**	mg/L	1	12/11/2018 17:46	148524
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 17:46	148524
Naphthalene	NELAP	0.00500		**0.0255**	mg/L	25	12/12/2018 13:00	148524
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	12/11/2018 17:46	148524
Pyrene	NELAP	0.000200		**ND**	mg/L	1	12/11/2018 17:46	148524
Surr: 2-Fluorobiphenyl	*	10-164		**69.4**	%REC	1	12/11/2018 17:46	148524
Surr: Nitrobenzene-d5	*	10.3-142		**72.6**	%REC	1	12/11/2018 17:46	148524
Surr: p-Terphenyl-d14	*	47.1-148		**102.6**	%REC	1	12/11/2018 17:46	148524
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.5		**66.4**	µg/L	1	12/11/2018 14:21	148562
Ethylbenzene	NELAP	2.0		**6.7**	µg/L	1	12/11/2018 14:21	148562
Toluene	NELAP	2.0		**31.3**	µg/L	1	12/11/2018 14:21	148562
Xylenes, Total	NELAP	2.0		**18.0**	µg/L	1	12/11/2018 14:21	148562
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**100.8**	%REC	1	12/11/2018 14:21	148562
Surr: 4-Bromofluorobenzene	*	83.9-115		**105.1**	%REC	1	12/11/2018 14:21	148562
Surr: Dibromofluoromethane	*	84.9-113		**99.5**	%REC	1	12/11/2018 14:21	148562
Surr: Toluene-d8	*	86.7-112		**103.6**	%REC	1	12/11/2018 14:21	148562

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Lab ID: 18120405-031 **Client Sample ID:** DUP 003-WG-20181205

Matrix: GROUNDWATER **Collection Date:** 12/05/2018 0:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.025		**0.134**	mg/L	5	12/10/2018 22:37	148470
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Arsenic	NELAP	0.0250		**< 0.0250**	mg/L	1	12/07/2018 19:22	148437
Barium	NELAP	0.0025		**0.0629**	mg/L	1	12/07/2018 19:22	148437
Cadmium	NELAP	0.0020		**< 0.0020**	mg/L	1	12/07/2018 19:22	148437
Chromium	NELAP	0.0050		**< 0.0050**	mg/L	1	12/07/2018 19:22	148437
Lead	NELAP	0.0075		**< 0.0075**	mg/L	1	12/07/2018 19:22	148437
Selenium	NELAP	0.0400		**< 0.0400**	mg/L	1	12/07/2018 19:22	148437
Silver	NELAP	0.0070		**< 0.0070**	mg/L	1	12/07/2018 19:22	148437
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		**< 0.00020**	mg/L	1	12/07/2018 10:45	148446
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**0.000368**	mg/L	1	12/11/2018 18:23	148524
Acenaphthylene	NELAP	0.000100		**0.000530**	mg/L	1	12/11/2018 18:23	148524
Anthracene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 18:23	148524
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 18:23	148524
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 18:23	148524
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 18:23	148524
Benzo(g,h,i)perylene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 18:23	148524
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 18:23	148524
Chrysene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 18:23	148524
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 18:23	148524
Fluoranthene	NELAP	0.000200		**ND**	mg/L	1	12/11/2018 18:23	148524
Fluorene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 18:23	148524
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 18:23	148524
Naphthalene	NELAP	0.200		**2.20**	mg/L	1000	12/12/2018 13:38	148524
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	12/11/2018 18:23	148524
Pyrene	NELAP	0.000200		**ND**	mg/L	1	12/11/2018 18:23	148524
Surr: 2-Fluorobiphenyl	*	10-164	S	**0**	%REC	1000	12/12/2018 13:38	148524
Surr: Nitrobenzene-d5	*	10.3-142	S	**0**	%REC	1000	12/12/2018 13:38	148524
Surr: p-Terphenyl-d14	*	47.1-148		**94.2**	%REC	1	12/11/2018 18:23	148524
Surrogate recovery is outside control limits due to sample dilution.								
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	5.0		**511**	µg/L	10	12/12/2018 13:30	148601
Ethylbenzene	NELAP	20.0		**886**	µg/L	10	12/12/2018 13:30	148601
Toluene	NELAP	20.0		**ND**	µg/L	10	12/12/2018 13:30	148601
Xylenes, Total	NELAP	20.0		**238**	µg/L	10	12/12/2018 13:30	148601
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**92.1**	%REC	10	12/12/2018 13:30	148601
Surr: 4-Bromofluorobenzene	*	83.9-115		**93.3**	%REC	10	12/12/2018 13:30	148601
Surr: Dibromofluoromethane	*	84.9-113		**97.7**	%REC	10	12/12/2018 13:30	148601
Surr: Toluene-d8	*	86.7-112		**103.4**	%REC	10	12/12/2018 13:30	148601
Elevated reporting limit due to high levels of target and/or non-target analytes.								

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Lab ID: 18120405-032 **Client Sample ID:** EB-01-WQ-20181205

Matrix: AQUEOUS **Collection Date:** 12/05/2018 12:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		**< 0.005**	mg/L	1	12/10/2018 15:17	148470
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Arsenic	NELAP	0.0250		**< 0.0250**	mg/L	1	12/07/2018 19:26	148437
Barium	NELAP	0.0025		**< 0.0025**	mg/L	1	12/07/2018 19:26	148437
Cadmium	NELAP	0.0020		**< 0.0020**	mg/L	1	12/07/2018 19:26	148437
Chromium	NELAP	0.0050		**< 0.0050**	mg/L	1	12/07/2018 19:26	148437
Lead	NELAP	0.0075		**< 0.0075**	mg/L	1	12/07/2018 19:26	148437
Selenium	NELAP	0.0400		**< 0.0400**	mg/L	1	12/07/2018 19:26	148437
Silver	NELAP	0.0070		**< 0.0070**	mg/L	1	12/07/2018 19:26	148437
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		**< 0.00020**	mg/L	1	12/07/2018 10:48	148446
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 19:01	148524
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 19:01	148524
Anthracene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 19:01	148524
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 19:01	148524
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 19:01	148524
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 19:01	148524
Benzo(g,h,i)perylene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 19:01	148524
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 19:01	148524
Chrysene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 19:01	148524
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 19:01	148524
Fluoranthene	NELAP	0.000200		**ND**	mg/L	1	12/11/2018 19:01	148524
Fluorene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 19:01	148524
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	12/11/2018 19:01	148524
Naphthalene	NELAP	0.000200		**0.00325**	mg/L	1	12/11/2018 19:01	148524
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	12/11/2018 19:01	148524
Pyrene	NELAP	0.000200		**ND**	mg/L	1	12/11/2018 19:01	148524
Surr: 2-Fluorobiphenyl	*	10-164		**85.0**	%REC	1	12/11/2018 19:01	148524
Surr: Nitrobenzene-d5	*	10.3-142		**77.9**	%REC	1	12/11/2018 19:01	148524
Surr: p-Terphenyl-d14	*	47.1-148		**92.8**	%REC	1	12/11/2018 19:01	148524
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.5		**ND**	µg/L	1	12/11/2018 11:43	148562
Ethylbenzene	NELAP	2.0		**ND**	µg/L	1	12/11/2018 11:43	148562
Toluene	NELAP	2.0		**ND**	µg/L	1	12/11/2018 11:43	148562
Xylenes, Total	NELAP	2.0		**ND**	µg/L	1	12/11/2018 11:43	148562
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**98.7**	%REC	1	12/11/2018 11:43	148562
Surr: 4-Bromofluorobenzene	*	83.9-115		**105.4**	%REC	1	12/11/2018 11:43	148562
Surr: Dibromofluoromethane	*	84.9-113		**97.2**	%REC	1	12/11/2018 11:43	148562
Surr: Toluene-d8	*	86.7-112		**99.5**	%REC	1	12/11/2018 11:43	148562

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Lab ID: 18120405-033 **Client Sample ID:** TB-01-WQ-201812

Matrix: TRIP BLANK **Collection Date:** 12/06/2018 13:46

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.5		**ND**	µg/L	1	12/11/2018 12:09	148562
Ethylbenzene	NELAP	2.0		**ND**	µg/L	1	12/11/2018 12:09	148562
Toluene	NELAP	2.0		**ND**	µg/L	1	12/11/2018 12:09	148562
Xylenes, Total	NELAP	2.0		**ND**	µg/L	1	12/11/2018 12:09	148562
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**98.1**	%REC	1	12/11/2018 12:09	148562
Surr: 4-Bromofluorobenzene	*	83.9-115		**104.2**	%REC	1	12/11/2018 12:09	148562
Surr: Dibromofluoromethane	*	84.9-113		**100.4**	%REC	1	12/11/2018 12:09	148562
Surr: Toluene-d8	*	86.7-112		**101.9**	%REC	1	12/11/2018 12:09	148562

Client: ERM
Client Project: Champaign GW

Work Order: 18120405
Report Date: 17-Dec-2018

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
18120405-001	UMW-102-WG-20181203	Groundwater	4	12/03/2018 14:15
18120405-002	UMW-105-WG-20181205	Groundwater	3	12/05/2018 14:05
18120405-002	UMW-105-WG-201812105	Groundwater	1	12/05/2018 14:05
18120405-003	UMW-106R-WG-20181204	Groundwater	4	12/04/2018 11:50
18120405-004	UMW-107R-WG-20181205	Groundwater	4	12/05/2018 9:00
18120405-005	UMW-108-WG-20181204	Groundwater	4	12/04/2018 9:35
18120405-006	UMW-109-WG-20181204	Groundwater	4	12/04/2018 9:15
18120405-007	UMW-111A-WG-20181203	Groundwater	4	12/03/2018 16:20
18120405-008	UMW-116-WG-20181204	Groundwater	4	12/04/2018 10:30
18120405-009	UMW-117-WG-20181204	Groundwater	4	12/04/2018 11:15
18120405-010	UMW-118-WG-20181204	Groundwater	4	12/04/2018 8:30
18120405-011	UMW-119-WG-20181203	Groundwater	4	12/03/2018 14:50
18120405-012	UMW-120-WG-20181203	Groundwater	4	12/03/2018 15:00
18120405-013	UMW-121-WG-20181205	Groundwater	4	12/05/2018 14:10
18120405-014	UMW-122-WG-20181204	Groundwater	4	12/04/2018 15:50
18120405-015	UMW-123-WG-20181204	Groundwater	4	12/04/2018 15:05
18120405-016	UMW-124-WG-20181205	Groundwater	4	12/05/2018 12:40
18120405-017	UMW-125-WG-20181205	Groundwater	4	12/05/2018 8:45
18120405-018	UMW-126-WG-20181205	Groundwater	4	12/05/2018 10:15
18120405-019	UMW-127-WG-20181203	Groundwater	4	12/03/2018 13:00
18120405-020	UMW-300-WG-20181203	Groundwater	4	12/03/2018 16:00
18120405-021	UMW-301R-WG-20181205	Groundwater	4	12/05/2018 10:10
18120405-022	UMW-302-WG-20181205	Groundwater	4	12/05/2018 13:10
18120405-023	UMW-303-WG-20181204	Groundwater	4	12/04/2018 10:40
18120405-024	UMW-304R-WG-20181203	Groundwater	4	12/03/2018 12:25
18120405-025	UMW-305-WG-20181204	Groundwater	4	12/04/2018 13:55
18120405-026	UMW-306-WG-20181204	Groundwater	4	12/04/2018 13:50
18120405-027	UMW-307-WG-20181204	Groundwater	4	12/04/2018 14:45
18120405-028	UMW-308-WG-20181204	Groundwater	4	12/04/2018 15:55
18120405-029	DUP 001-WG-20181205	Groundwater	4	12/05/2018 0:00
18120405-030	DUP 002-WG-20181205	Groundwater	4	12/05/2018 0:00
18120405-031	DUP 003-WG-20181205	Groundwater	4	12/05/2018 0:00
18120405-032	EB-01-WQ-20181205	Aqueous	4	12/05/2018 12:50
18120405-033	TB-01-WQ-201812	Trip Blank	1	12/06/2018 13:46

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
18120405-001A	UMW-102-WG-20181203	12/03/2018 14:15	12/06/2018 13:46		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/06/2018 20:31	12/07/2018 14:18
18120405-001B	UMW-102-WG-20181203	12/03/2018 14:15	12/06/2018 13:46		
	SW-846 3005A, 6010B, Metals by ICP (Total)			12/06/2018 17:06	12/07/2018 13:15
	SW-846 7470A (Total)			12/06/2018 19:43	12/07/2018 8:58
18120405-001C	UMW-102-WG-20181203	12/03/2018 14:15	12/06/2018 13:46		
	SW-846 9012A (Total)			12/06/2018 18:10	12/07/2018 13:37
18120405-001D	UMW-102-WG-20181203	12/03/2018 14:15	12/06/2018 13:46		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/08/2018 10:49
18120405-002A	UMW-105-WG-20181205	12/05/2018 14:05	12/06/2018 13:46		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/10/2018 9:37	12/10/2018 21:04
18120405-002B	UMW-105-WG-201812105	12/05/2018 14:05	12/06/2018 13:46		
	SW-846 3005A, 6010B, Metals by ICP (Total)			12/06/2018 17:06	12/07/2018 13:19
	SW-846 7470A (Total)			12/06/2018 19:43	12/07/2018 9:00
18120405-002C	UMW-105-WG-20181205	12/05/2018 14:05	12/06/2018 13:46		
	SW-846 9012A (Total)			12/06/2018 18:10	12/07/2018 18:34
18120405-002D	UMW-105-WG-20181205	12/05/2018 14:05	12/06/2018 13:46		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/08/2018 11:15
18120405-003A	UMW-106R-WG-20181204	12/04/2018 11:50	12/06/2018 13:46		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/10/2018 9:37	12/10/2018 21:42
18120405-003B	UMW-106R-WG-20181204	12/04/2018 11:50	12/06/2018 13:46		
	SW-846 3005A, 6010B, Metals by ICP (Total)			12/06/2018 17:06	12/07/2018 13:23
	SW-846 7470A (Total)			12/06/2018 19:43	12/07/2018 9:02
18120405-003C	UMW-106R-WG-20181204	12/04/2018 11:50	12/06/2018 13:46		
	SW-846 9012A (Total)			12/06/2018 18:10	12/07/2018 14:08
18120405-003D	UMW-106R-WG-20181204	12/04/2018 11:50	12/06/2018 13:46		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/08/2018 11:40
18120405-004A	UMW-107R-WG-20181205	12/05/2018 9:00	12/06/2018 13:46		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/10/2018 9:37	12/10/2018 22:19
18120405-004B	UMW-107R-WG-20181205	12/05/2018 9:00	12/06/2018 13:46		
	SW-846 3005A, 6010B, Metals by ICP (Total)			12/06/2018 17:06	12/07/2018 13:26
	SW-846 3005A, 6010B, Metals by ICP (Total)			12/06/2018 17:06	12/10/2018 11:36
	SW-846 7470A (Total)			12/06/2018 19:43	12/07/2018 9:04
18120405-004C	UMW-107R-WG-20181205	12/05/2018 9:00	12/06/2018 13:46		
	SW-846 9012A (Total)			12/06/2018 18:10	12/07/2018 18:38

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
18120405-004D	UMW-107R-WG-20181205	12/05/2018 9:00	12/06/2018 13:46		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/08/2018 12:06
18120405-005A	UMW-108-WG-20181204	12/04/2018 9:35	12/06/2018 13:46		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/10/2018 12:43	12/10/2018 22:57
18120405-005B	UMW-108-WG-20181204	12/04/2018 9:35	12/06/2018 13:46		
	SW-846 3005A, 6010B, Metals by ICP (Total)			12/06/2018 17:06	12/07/2018 13:30
	SW-846 7470A (Total)			12/06/2018 19:43	12/07/2018 9:11
18120405-005C	UMW-108-WG-20181204	12/04/2018 9:35	12/06/2018 13:46		
	SW-846 9012A (Total)			12/06/2018 19:22	12/07/2018 14:34
18120405-005D	UMW-108-WG-20181204	12/04/2018 9:35	12/06/2018 13:46		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/08/2018 12:32
18120405-006A	UMW-109-WG-20181204	12/04/2018 9:15	12/06/2018 13:46		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/10/2018 12:43	12/10/2018 23:34
18120405-006B	UMW-109-WG-20181204	12/04/2018 9:15	12/06/2018 13:46		
	SW-846 3005A, 6010B, Metals by ICP (Total)			12/06/2018 17:06	12/07/2018 16:26
	SW-846 7470A (Total)			12/06/2018 19:43	12/07/2018 9:13
18120405-006C	UMW-109-WG-20181204	12/04/2018 9:15	12/06/2018 13:46		
	SW-846 9012A (Total)			12/06/2018 19:22	12/07/2018 14:51
18120405-006D	UMW-109-WG-20181204	12/04/2018 9:15	12/06/2018 13:46		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/08/2018 12:58
18120405-007A	UMW-111A-WG-20181203	12/03/2018 16:20	12/06/2018 13:46		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/06/2018 20:31	12/07/2018 14:56
18120405-007B	UMW-111A-WG-20181203	12/03/2018 16:20	12/06/2018 13:46		
	SW-846 3005A, 6010B, Metals by ICP (Total)			12/06/2018 17:06	12/07/2018 16:29
	SW-846 7470A (Total)			12/06/2018 19:43	12/07/2018 9:16
18120405-007C	UMW-111A-WG-20181203	12/03/2018 16:20	12/06/2018 13:46		
	SW-846 9012A (Total)			12/06/2018 19:22	12/07/2018 14:55
18120405-007D	UMW-111A-WG-20181203	12/03/2018 16:20	12/06/2018 13:46		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/08/2018 13:24
18120405-008A	UMW-116-WG-20181204	12/04/2018 10:30	12/06/2018 13:46		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/10/2018 12:43	12/11/2018 0:12
18120405-008B	UMW-116-WG-20181204	12/04/2018 10:30	12/06/2018 13:46		
	SW-846 3005A, 6010B, Metals by ICP (Total)			12/06/2018 17:06	12/07/2018 16:33
	SW-846 7470A (Total)			12/06/2018 19:43	12/07/2018 9:22
18120405-008C	UMW-116-WG-20181204	12/04/2018 10:30	12/06/2018 13:46		

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
	SW-846 9012A (Total)			12/06/2018 19:22	12/07/2018 15:00
18120405-008D	UMW-116-WG-20181204	12/04/2018 10:30	12/06/2018 13:46		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/08/2018 13:50
18120405-009A	UMW-117-WG-20181204	12/04/2018 11:15	12/06/2018 13:46		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/10/2018 12:43	12/11/2018 0:49
18120405-009B	UMW-117-WG-20181204	12/04/2018 11:15	12/06/2018 13:46		
	SW-846 3005A, 6010B, Metals by ICP (Total)			12/06/2018 17:06	12/07/2018 16:37
	SW-846 7470A (Total)			12/06/2018 19:43	12/07/2018 9:25
18120405-009C	UMW-117-WG-20181204	12/04/2018 11:15	12/06/2018 13:46		
	SW-846 9012A (Total)			12/06/2018 19:22	12/07/2018 15:26
18120405-009D	UMW-117-WG-20181204	12/04/2018 11:15	12/06/2018 13:46		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/08/2018 14:16
18120405-010A	UMW-118-WG-20181204	12/04/2018 8:30	12/06/2018 13:46		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/10/2018 12:43	12/11/2018 23:23
18120405-010B	UMW-118-WG-20181204	12/04/2018 8:30	12/06/2018 13:46		
	SW-846 3005A, 6010B, Metals by ICP (Total)			12/06/2018 17:06	12/07/2018 16:55
	SW-846 7470A (Total)			12/06/2018 19:43	12/07/2018 9:27
18120405-010C	UMW-118-WG-20181204	12/04/2018 8:30	12/06/2018 13:46		
	SW-846 9012A (Total)			12/06/2018 19:22	12/07/2018 15:44
18120405-010D	UMW-118-WG-20181204	12/04/2018 8:30	12/06/2018 13:46		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/08/2018 14:42
18120405-011A	UMW-119-WG-20181203	12/03/2018 14:50	12/06/2018 13:46		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/06/2018 20:31	12/07/2018 15:34
18120405-011B	UMW-119-WG-20181203	12/03/2018 14:50	12/06/2018 13:46		
	SW-846 3005A, 6010B, Metals by ICP (Total)			12/06/2018 17:06	12/07/2018 16:59
	SW-846 7470A (Total)			12/06/2018 19:43	12/07/2018 9:38
18120405-011C	UMW-119-WG-20181203	12/03/2018 14:50	12/06/2018 13:46		
	SW-846 9012A (Total)			12/06/2018 19:22	12/07/2018 15:48
18120405-011D	UMW-119-WG-20181203	12/03/2018 14:50	12/06/2018 13:46		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/08/2018 15:08
18120405-012A	UMW-120-WG-20181203	12/03/2018 15:00	12/06/2018 13:46		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/06/2018 20:31	12/07/2018 16:12
18120405-012B	UMW-120-WG-20181203	12/03/2018 15:00	12/06/2018 13:46		
	SW-846 3005A, 6010B, Metals by ICP (Total)			12/06/2018 17:06	12/07/2018 17:02
	SW-846 7470A (Total)			12/06/2018 19:43	12/07/2018 9:40

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
18120405-012C	UMW-120-WG-20181203	12/03/2018 15:00	12/06/2018 13:46		
	SW-846 9012A (Total)			12/06/2018 19:22	12/07/2018 15:52
18120405-012D	UMW-120-WG-20181203	12/03/2018 15:00	12/06/2018 13:46		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/08/2018 15:34
18120405-013A	UMW-121-WG-20181205	12/05/2018 14:10	12/06/2018 13:46		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/10/2018 12:43	12/12/2018 0:01
18120405-013B	UMW-121-WG-20181205	12/05/2018 14:10	12/06/2018 13:46		
	SW-846 3005A, 6010B, Metals by ICP (Total)			12/06/2018 17:06	12/07/2018 17:06
	SW-846 7470A (Total)			12/06/2018 19:43	12/07/2018 9:43
18120405-013C	UMW-121-WG-20181205	12/05/2018 14:10	12/06/2018 13:46		
	SW-846 9012A (Total)			12/06/2018 19:22	12/07/2018 18:47
18120405-013D	UMW-121-WG-20181205	12/05/2018 14:10	12/06/2018 13:46		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/08/2018 15:59
18120405-014A	UMW-122-WG-20181204	12/04/2018 15:50	12/06/2018 13:46		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/10/2018 12:43	12/12/2018 0:38
18120405-014B	UMW-122-WG-20181204	12/04/2018 15:50	12/06/2018 13:46		
	SW-846 3005A, 6010B, Metals by ICP (Total)			12/06/2018 17:06	12/07/2018 17:10
	SW-846 7470A (Total)			12/06/2018 19:43	12/07/2018 9:45
18120405-014C	UMW-122-WG-20181204	12/04/2018 15:50	12/06/2018 13:46		
	SW-846 9012A (Total)			12/06/2018 19:22	12/07/2018 16:05
18120405-014D	UMW-122-WG-20181204	12/04/2018 15:50	12/06/2018 13:46		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/08/2018 16:25
18120405-015A	UMW-123-WG-20181204	12/04/2018 15:05	12/06/2018 13:46		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/10/2018 12:43	12/12/2018 1:16
18120405-015B	UMW-123-WG-20181204	12/04/2018 15:05	12/06/2018 13:46		
	SW-846 3005A, 6010B, Metals by ICP (Total)			12/06/2018 17:06	12/07/2018 17:13
	SW-846 7470A (Total)			12/06/2018 19:43	12/07/2018 9:47
18120405-015C	UMW-123-WG-20181204	12/04/2018 15:05	12/06/2018 13:46		
	SW-846 9012A (Total)			12/06/2018 19:22	12/07/2018 16:10
18120405-015D	UMW-123-WG-20181204	12/04/2018 15:05	12/06/2018 13:46		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/08/2018 16:51
18120405-016A	UMW-124-WG-20181205	12/05/2018 12:40	12/06/2018 13:46		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/10/2018 12:43	12/12/2018 1:53
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/10/2018 12:43	12/14/2018 12:50
18120405-016B	UMW-124-WG-20181205	12/05/2018 12:40	12/06/2018 13:46		

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
	SW-846 3005A, 6010B, Metals by ICP (Total)			12/06/2018 17:06	12/07/2018 17:17
	SW-846 7470A (Total)			12/06/2018 19:43	12/07/2018 9:49
18120405-016C	UMW-124-WG-20181205	12/05/2018 12:40	12/06/2018 13:46		
	SW-846 9012A (Total)			12/06/2018 19:22	12/07/2018 16:14
18120405-016D	UMW-124-WG-20181205	12/05/2018 12:40	12/06/2018 13:46		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/08/2018 17:17
18120405-017A	UMW-125-WG-20181205	12/05/2018 8:45	12/06/2018 13:46		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/10/2018 12:43	12/12/2018 2:31
18120405-017B	UMW-125-WG-20181205	12/05/2018 8:45	12/06/2018 13:46		
	SW-846 3005A, 6010B, Metals by ICP (Total)			12/06/2018 17:06	12/07/2018 17:21
	SW-846 7470A (Total)			12/06/2018 19:43	12/07/2018 9:52
18120405-017C	UMW-125-WG-20181205	12/05/2018 8:45	12/06/2018 13:46		
	SW-846 9012A (Total)			12/06/2018 19:22	12/07/2018 18:51
18120405-017D	UMW-125-WG-20181205	12/05/2018 8:45	12/06/2018 13:46		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/08/2018 3:38
18120405-018A	UMW-126-WG-20181205	12/05/2018 10:15	12/06/2018 13:46		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/10/2018 15:08	12/11/2018 11:29
18120405-018B	UMW-126-WG-20181205	12/05/2018 10:15	12/06/2018 13:46		
	SW-846 3005A, 6010B, Metals by ICP (Total)			12/06/2018 17:08	12/07/2018 17:54
	SW-846 7470A (Total)			12/06/2018 19:43	12/07/2018 9:54
18120405-018C	UMW-126-WG-20181205	12/05/2018 10:15	12/06/2018 13:46		
	SW-846 9012A (Total)			12/06/2018 19:22	12/07/2018 16:45
18120405-018D	UMW-126-WG-20181205	12/05/2018 10:15	12/06/2018 13:46		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/08/2018 4:05
18120405-019A	UMW-127-WG-20181203	12/03/2018 13:00	12/06/2018 13:46		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/06/2018 20:31	12/07/2018 16:50
18120405-019B	UMW-127-WG-20181203	12/03/2018 13:00	12/06/2018 13:46		
	SW-846 3005A, 6010B, Metals by ICP (Total)			12/06/2018 17:08	12/07/2018 17:58
	SW-846 7470A (Total)			12/06/2018 19:43	12/07/2018 9:56
18120405-019C	UMW-127-WG-20181203	12/03/2018 13:00	12/06/2018 13:46		
	SW-846 9012A (Total)			12/06/2018 19:22	12/07/2018 16:49
18120405-019D	UMW-127-WG-20181203	12/03/2018 13:00	12/06/2018 13:46		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/08/2018 4:33
18120405-020A	UMW-300-WG-20181203	12/03/2018 16:00	12/06/2018 13:46		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/06/2018 20:31	12/07/2018 17:28

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
18120405-020B	UMW-300-WG-20181203	12/03/2018 16:00	12/06/2018 13:46		
	SW-846 3005A, 6010B, Metals by ICP (Total)			12/06/2018 17:08	12/07/2018 18:01
	SW-846 7470A (Total)			12/06/2018 19:43	12/07/2018 9:58
18120405-020C	UMW-300-WG-20181203	12/03/2018 16:00	12/06/2018 13:46		
	SW-846 9012A (Total)			12/06/2018 19:22	12/07/2018 16:58
18120405-020D	UMW-300-WG-20181203	12/03/2018 16:00	12/06/2018 13:46		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/08/2018 5:00
18120405-021A	UMW-301R-WG-20181205	12/05/2018 10:10	12/06/2018 13:46		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/10/2018 15:08	12/11/2018 12:06
18120405-021B	UMW-301R-WG-20181205	12/05/2018 10:10	12/06/2018 13:46		
	SW-846 3005A, 6010B, Metals by ICP (Total)			12/06/2018 17:08	12/07/2018 18:05
	SW-846 7470A (Total)			12/06/2018 19:44	12/07/2018 10:09
18120405-021C	UMW-301R-WG-20181205	12/05/2018 10:10	12/06/2018 13:46		
	SW-846 9012A (Total)			12/06/2018 19:22	12/07/2018 17:02
18120405-021D	UMW-301R-WG-20181205	12/05/2018 10:10	12/06/2018 13:46		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/08/2018 5:28
18120405-022A	UMW-302-WG-20181205	12/05/2018 13:10	12/06/2018 13:46		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/10/2018 15:08	12/11/2018 12:44
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/10/2018 15:08	12/12/2018 14:16
18120405-022B	UMW-302-WG-20181205	12/05/2018 13:10	12/06/2018 13:46		
	SW-846 3005A, 6010B, Metals by ICP (Total)			12/06/2018 17:08	12/07/2018 18:09
	SW-846 7470A (Total)			12/06/2018 19:44	12/07/2018 10:12
18120405-022C	UMW-302-WG-20181205	12/05/2018 13:10	12/06/2018 13:46		
	SW-846 9012A (Total)			12/06/2018 19:22	12/07/2018 19:18
18120405-022D	UMW-302-WG-20181205	12/05/2018 13:10	12/06/2018 13:46		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/08/2018 5:55
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/10/2018 17:33
18120405-023A	UMW-303-WG-20181204	12/04/2018 10:40	12/06/2018 13:46		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/10/2018 15:08	12/11/2018 13:22
18120405-023B	UMW-303-WG-20181204	12/04/2018 10:40	12/06/2018 13:46		
	SW-846 3005A, 6010B, Metals by ICP (Total)			12/06/2018 17:08	12/07/2018 18:12
	SW-846 7470A (Total)			12/06/2018 19:44	12/07/2018 10:14
18120405-023C	UMW-303-WG-20181204	12/04/2018 10:40	12/06/2018 13:46		
	SW-846 9012A (Total)			12/07/2018 15:38	12/10/2018 13:40
18120405-023D	UMW-303-WG-20181204	12/04/2018 10:40	12/06/2018 13:46		

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/08/2018 6:22
18120405-024A	UMW-304R-WG-20181203	12/03/2018 12:25	12/06/2018 13:46		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/06/2018 20:31	12/07/2018 18:05
18120405-024B	UMW-304R-WG-20181203	12/03/2018 12:25	12/06/2018 13:46		
	SW-846 3005A, 6010B, Metals by ICP (Total)			12/06/2018 17:08	12/07/2018 18:16
	SW-846 7470A (Total)			12/06/2018 19:44	12/07/2018 10:16
18120405-024C	UMW-304R-WG-20181203	12/03/2018 12:25	12/06/2018 13:46		
	SW-846 9012A (Total)			12/07/2018 15:38	12/10/2018 13:44
18120405-024D	UMW-304R-WG-20181203	12/03/2018 12:25	12/06/2018 13:46		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/08/2018 6:49
18120405-025A	UMW-305-WG-20181204	12/04/2018 13:55	12/06/2018 13:46		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/10/2018 12:43	12/12/2018 3:08
18120405-025B	UMW-305-WG-20181204	12/04/2018 13:55	12/06/2018 13:46		
	SW-846 3005A, 6010B, Metals by ICP (Total)			12/06/2018 17:08	12/07/2018 18:31
	SW-846 7470A (Total)			12/06/2018 19:44	12/07/2018 10:18
18120405-025C	UMW-305-WG-20181204	12/04/2018 13:55	12/06/2018 13:46		
	SW-846 9012A (Total)			12/07/2018 15:38	12/10/2018 13:53
18120405-025D	UMW-305-WG-20181204	12/04/2018 13:55	12/06/2018 13:46		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/08/2018 7:16
18120405-026A	UMW-306-WG-20181204	12/04/2018 13:50	12/06/2018 13:46		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/10/2018 15:08	12/11/2018 14:00
18120405-026B	UMW-306-WG-20181204	12/04/2018 13:50	12/06/2018 13:46		
	SW-846 3005A, 6010B, Metals by ICP (Total)			12/06/2018 17:08	12/07/2018 18:42
	SW-846 7470A (Total)			12/06/2018 19:44	12/07/2018 10:25
18120405-026C	UMW-306-WG-20181204	12/04/2018 13:50	12/06/2018 13:46		
	SW-846 9012A (Total)			12/07/2018 15:38	12/10/2018 14:41
18120405-026D	UMW-306-WG-20181204	12/04/2018 13:50	12/06/2018 13:46		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/11/2018 12:35
18120405-027A	UMW-307-WG-20181204	12/04/2018 14:45	12/06/2018 13:46		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/10/2018 15:08	12/11/2018 15:53
18120405-027B	UMW-307-WG-20181204	12/04/2018 14:45	12/06/2018 13:46		
	SW-846 3005A, 6010B, Metals by ICP (Total)			12/06/2018 17:08	12/07/2018 18:53
	SW-846 7470A (Total)			12/06/2018 19:44	12/07/2018 10:36
18120405-027C	UMW-307-WG-20181204	12/04/2018 14:45	12/06/2018 13:46		
	SW-846 9012A (Total)			12/07/2018 15:38	12/10/2018 14:11

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
18120405-027D	UMW-307-WG-20181204	12/04/2018 14:45	12/06/2018 13:46		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/11/2018 13:01
18120405-028A	UMW-308-WG-20181204	12/04/2018 15:55	12/06/2018 13:46		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/10/2018 15:08	12/11/2018 16:31
18120405-028B	UMW-308-WG-20181204	12/04/2018 15:55	12/06/2018 13:46		
	SW-846 3005A, 6010B, Metals by ICP (Total)			12/06/2018 17:08	12/07/2018 18:56
	SW-846 7470A (Total)			12/06/2018 19:44	12/07/2018 10:39
18120405-028C	UMW-308-WG-20181204	12/04/2018 15:55	12/06/2018 13:46		
	SW-846 9012A (Total)			12/07/2018 15:38	12/10/2018 14:15
18120405-028D	UMW-308-WG-20181204	12/04/2018 15:55	12/06/2018 13:46		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/11/2018 13:28
18120405-029A	DUP 001-WG-20181205	12/05/2018 0:00	12/06/2018 13:46		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/10/2018 19:47	12/11/2018 17:08
18120405-029B	DUP 001-WG-20181205	12/05/2018 0:00	12/06/2018 13:46		
	SW-846 3005A, 6010B, Metals by ICP (Total)			12/06/2018 17:08	12/07/2018 19:00
	SW-846 7470A (Total)			12/06/2018 19:44	12/07/2018 10:41
18120405-029C	DUP 001-WG-20181205	12/05/2018 0:00	12/06/2018 13:46		
	SW-846 9012A (Total)			12/07/2018 15:38	12/10/2018 22:28
18120405-029D	DUP 001-WG-20181205	12/05/2018 0:00	12/06/2018 13:46		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/11/2018 13:54
18120405-030A	DUP 002-WG-20181205	12/05/2018 0:00	12/06/2018 13:46		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/10/2018 19:47	12/11/2018 17:46
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/10/2018 19:47	12/12/2018 13:00
18120405-030B	DUP 002-WG-20181205	12/05/2018 0:00	12/06/2018 13:46		
	SW-846 3005A, 6010B, Metals by ICP (Total)			12/06/2018 17:08	12/07/2018 19:18
	SW-846 7470A (Total)			12/06/2018 19:44	12/07/2018 10:43
18120405-030C	DUP 002-WG-20181205	12/05/2018 0:00	12/06/2018 13:46		
	SW-846 9012A (Total)			12/07/2018 15:38	12/11/2018 16:35
18120405-030D	DUP 002-WG-20181205	12/05/2018 0:00	12/06/2018 13:46		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/11/2018 14:21
18120405-031A	DUP 003-WG-20181205	12/05/2018 0:00	12/06/2018 13:46		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/10/2018 19:47	12/11/2018 18:23
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/10/2018 19:47	12/12/2018 13:38
18120405-031B	DUP 003-WG-20181205	12/05/2018 0:00	12/06/2018 13:46		
	SW-846 3005A, 6010B, Metals by ICP (Total)			12/06/2018 17:08	12/07/2018 19:22

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
	SW-846 7470A (Total)			12/06/2018 19:44	12/07/2018 10:45
18120405-031C	DUP 003-WG-20181205	12/05/2018 0:00	12/06/2018 13:46		
	SW-846 9012A (Total)			12/07/2018 15:38	12/10/2018 22:37
18120405-031D	DUP 003-WG-20181205	12/05/2018 0:00	12/06/2018 13:46		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/12/2018 13:30
18120405-032A	EB-01-WQ-20181205	12/05/2018 12:50	12/06/2018 13:46		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/10/2018 19:47	12/11/2018 19:01
18120405-032B	EB-01-WQ-20181205	12/05/2018 12:50	12/06/2018 13:46		
	SW-846 3005A, 6010B, Metals by ICP (Total)			12/06/2018 17:08	12/07/2018 19:26
	SW-846 7470A (Total)			12/06/2018 19:44	12/07/2018 10:48
18120405-032C	EB-01-WQ-20181205	12/05/2018 12:50	12/06/2018 13:46		
	SW-846 9012A (Total)			12/07/2018 15:38	12/10/2018 15:17
18120405-032D	EB-01-WQ-20181205	12/05/2018 12:50	12/06/2018 13:46		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/11/2018 11:43
18120405-033A	TB-01-WQ-201812	12/06/2018 13:46	12/06/2018 13:46		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/11/2018 12:09

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

SW-846 9012A (TOTAL)

Batch 148434 **SampType:** MBLK Units **mg/L**
SampID: MBLK 181206 TCN1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide	0.005		**< 0.005**	0.00300	0	0	-100	100	12/07/2018

Batch 148434 **SampType:** LCS Units **mg/L**
SampID: LCS 181206 TCN1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide	0.005		**0.023**	0.02500	0	91.3	90	110	12/07/2018

Batch 148442 **SampType:** MBLK Units **mg/L**
SampID: MBLK 181206 TCN2

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide	0.005		**< 0.005**	0.00300	0	0	-100	100	12/07/2018

Batch 148442 **SampType:** LCS Units **mg/L**
SampID: LCS 181206 TCN2

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide	0.005		**0.024**	0.02500	0	94.1	85	115	12/07/2018

Batch 148442 **SampType:** MS Units **mg/L**
SampID: 18120405-005CMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide	0.005	E	**0.050**	0.02500	0.02826	87.8	75	125	12/07/2018

Batch 148442 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 18120405-005CMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide	0.005	E	**0.052**	0.02500	0.02826	94.1	0.05020	3.09	12/07/2018

Batch 148442 **SampType:** MS Units **mg/L**
SampID: 18120405-009CMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide	0.005		**0.026**	0.02500	0	102.4	75	125	12/07/2018

Batch 148442 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 18120405-009CMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide	0.005		**0.024**	0.02500	0	94.7	0.02560	7.81	12/07/2018

Batch 148470 **SampType:** MBLK Units **mg/L**
SampID: MBLK 181207 TCN1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide	0.005		**< 0.005**	0.00300	0	0	-100	100	12/10/2018

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Client Project: Champaign GW **Report Date:** 17-Dec-2018

SW-846 9012A (TOTAL)

Batch 148470 **SampType:** LCS Units **mg/L**

SampID: LCS 181207 TCN1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide	0.005		**0.022**	0.02500	0	87.9	85	115	12/10/2018

Batch 148470 **SampType:** MS Units **mg/L**

SampID: 18120405-025CMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide	0.005		**0.031**	0.02500	0.01110	80.2	75	125	12/10/2018

Batch 148470 **SampType:** MSD Units **mg/L** RPD Limit **15**

SampID: 18120405-025CMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide	0.005		**0.034**	0.02500	0.01110	90.4	0.03116	7.85	12/10/2018

Batch 148470 **SampType:** MS Units **mg/L**

SampID: 18120405-026CMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide	0.005		**0.039**	0.02500	0.01366	101.9	75	125	12/10/2018

Batch 148470 **SampType:** MSD Units **mg/L** RPD Limit **15**

SampID: 18120405-026CMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide	0.005		**0.042**	0.02500	0.01366	111.6	0.03914	5.99	12/10/2018

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch 148436 **SampType:** MBLK Units **mg/L**

SampID: MBLK-148436

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic	0.0250		**< 0.0250**	0.00870(	0	0	-100	100	12/07/2018
Arsenic	0.0250		**< 0.0250**	0.00870(	0	0	-100	100	12/08/2018
Barium	0.0025		**< 0.0025**	.000700(	0	0	-100	100	12/08/2018
Barium	0.0025		**< 0.0025**	.000700(	0	0	-100	100	12/07/2018
Cadmium	0.0020		**< 0.0020**	.000500(	0	0	-100	100	12/07/2018
Cadmium	0.0020		**< 0.0020**	.000500(	0	0	-100	100	12/08/2018
Chromium	0.0050		**< 0.0050**	0.00280(	0	0	-100	100	12/07/2018
Chromium	0.0050		**< 0.0050**	0.00280(	0	0	-100	100	12/08/2018
Lead	0.0150		**< 0.0150**	0.00140(	0	0	-100	100	12/08/2018
Lead	0.0150		**< 0.0150**	0.00140(	0	0	-100	100	12/07/2018
Selenium	0.0400		**< 0.0400**	0.01700	0	0	-100	100	12/08/2018
Selenium	0.0400		**< 0.0400**	0.01700	0	0	-100	100	12/07/2018
Silver	0.0070		**< 0.0070**	0.00270(	0	0	-100	100	12/07/2018
Silver	0.0070		**< 0.0070**	0.00270(	0	0	-100	100	12/08/2018

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SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch 148436 **SampType:** LCS Units **mg/L**

SampID: LCS-148436

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic	0.0250		**0.534**	0.5000	0	106.9	85	115	12/07/2018
Arsenic	0.0250		**0.507**	0.5000	0	101.4	85	115	12/08/2018
Barium	0.0025		**2.02**	2.000	0	100.8	85	115	12/08/2018
Barium	0.0025		**2.06**	2.000	0	103.0	85	115	12/07/2018
Cadmium	0.0020		**0.0516**	0.05000	0	103.2	85	115	12/07/2018
Cadmium	0.0020		**0.0491**	0.05000	0	98.2	85	115	12/08/2018
Chromium	0.0050		**0.203**	0.2000	0	101.6	85	115	12/08/2018
Chromium	0.0050		**0.207**	0.2000	0	103.3	85	115	12/07/2018
Lead	0.0150		**0.503**	0.5000	0	100.5	85	115	12/08/2018
Lead	0.0150		**0.519**	0.5000	0	103.8	85	115	12/07/2018
Selenium	0.0400		**0.517**	0.5000	0	103.5	85	115	12/07/2018
Selenium	0.0400		**0.492**	0.5000	0	98.4	85	115	12/08/2018
Silver	0.0070		**0.0505**	0.05000	0	101.0	85	115	12/08/2018
Silver	0.0070		**0.0508**	0.05000	0	101.6	85	115	12/07/2018

Batch 148437 **SampType:** MBLK Units **mg/L**

SampID: MBLK-148437

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic	0.0250		**< 0.0250**	0.00870(	0	0	-100	100	12/07/2018
Barium	0.0025		**< 0.0025**	.000700	0	0	-100	100	12/07/2018
Cadmium	0.0020		**< 0.0020**	.000500	0	0	-100	100	12/07/2018
Chromium	0.0050		**< 0.0050**	0.00280(	0	0	-100	100	12/07/2018
Lead	0.0150		**< 0.0150**	0.00140(	0	0	-100	100	12/07/2018
Selenium	0.0400		**< 0.0400**	0.01700	0	0	-100	100	12/07/2018
Silver	0.0070		**< 0.0070**	0.00270(	0	0	-100	100	12/07/2018

Batch 148437 **SampType:** LCS Units **mg/L**

SampID: LCS-148437

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic	0.0250		**0.530**	0.5000	0	106.0	85	115	12/07/2018
Barium	0.0025		**2.11**	2.000	0	105.6	85	115	12/07/2018
Cadmium	0.0020		**0.0515**	0.05000	0	103.0	85	115	12/07/2018
Chromium	0.0050		**0.210**	0.2000	0	105.0	85	115	12/07/2018
Lead	0.0150		**0.524**	0.5000	0	104.8	85	115	12/07/2018
Selenium	0.0400		**0.508**	0.5000	0	101.6	85	115	12/07/2018
Silver	0.0070		**0.0511**	0.05000	0	102.2	85	115	12/07/2018

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch 148437 **SampType:** MS Units **mg/L**

SampID: 18120405-025BMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic	0.0250		**0.554**	0.5000	0	110.9	75	125	12/07/2018
Barium	0.0025		**2.28**	2.000	0.1114	108.5	75	125	12/07/2018
Cadmium	0.0020		**0.0522**	0.05000	0	104.4	75	125	12/07/2018
Chromium	0.0050		**0.216**	0.2000	0	108.0	75	125	12/07/2018
Lead	0.0150		**0.529**	0.5000	0	105.9	75	125	12/07/2018
Selenium	0.0400		**0.517**	0.5000	0	103.4	75	125	12/07/2018
Silver	0.0070		**0.0529**	0.05000	0	105.8	75	125	12/07/2018

Batch 148437 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 18120405-025BMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic	0.0250		**0.560**	0.5000	0	111.9	0.5543	0.95	12/07/2018
Barium	0.0025		**2.31**	2.000	0.1114	110.1	2.281	1.44	12/07/2018
Cadmium	0.0020		**0.0526**	0.05000	0	105.2	0.05220	0.76	12/07/2018
Chromium	0.0050		**0.218**	0.2000	0	108.8	0.2160	0.69	12/07/2018
Lead	0.0150		**0.535**	0.5000	0	106.9	0.5294	1.00	12/07/2018
Selenium	0.0400		**0.525**	0.5000	0	105.0	0.5171	1.48	12/07/2018
Silver	0.0070		**0.0536**	0.05000	0	107.2	0.05290	1.31	12/07/2018

Batch 148437 **SampType:** MS Units **mg/L**

SampID: 18120405-026BMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic	0.0250		**0.547**	0.5000	0	109.4	75	125	12/07/2018
Barium	0.0025		**2.25**	2.000	0.1306	105.9	75	125	12/07/2018
Cadmium	0.0020		**0.0510**	0.05000	0	102.0	75	125	12/07/2018
Chromium	0.0050		**0.210**	0.2000	0	104.9	75	125	12/07/2018
Lead	0.0150		**0.517**	0.5000	0	103.4	75	125	12/07/2018
Selenium	0.0400		**0.506**	0.5000	0	101.3	75	125	12/07/2018
Silver	0.0070		**0.0517**	0.05000	0	103.4	75	125	12/07/2018

Batch 148437 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 18120405-026BMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic	0.0250		**0.551**	0.5000	0	110.2	0.5471	0.71	12/07/2018
Barium	0.0025		**2.27**	2.000	0.1306	106.8	2.248	0.80	12/07/2018
Cadmium	0.0020		**0.0516**	0.05000	0	103.2	0.05100	1.17	12/07/2018
Chromium	0.0050		**0.212**	0.2000	0	105.8	0.2098	0.85	12/07/2018
Lead	0.0150		**0.525**	0.5000	0	105.0	0.5169	1.59	12/07/2018
Selenium	0.0400		**0.525**	0.5000	0	105.0	0.5064	3.64	12/07/2018
Silver	0.0070		**0.0527**	0.05000	0	105.4	0.05170	1.92	12/07/2018

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Client Project: Champaign GW **Report Date:** 17-Dec-2018

SW-846 7470A (TOTAL)

Batch 148445 **SampType:** MBLK Units **mg/L**
SampID: MBLK-148445

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury	0.00020		**< 0.00020**	000055(	0	0	-100	100	12/07/2018

Batch 148445 **SampType:** LCS Units **mg/L**
SampID: LCS-148445

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury	0.00020		**0.00467**	).00500(	0	93.4	85	115	12/07/2018

Batch 148445 **SampType:** MS Units **mg/L**
SampID: 18120405-007BMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury	0.00020		**0.00493**	).00500(	0	98.7	75	125	12/07/2018

Batch 148445 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 18120405-007BMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury	0.00020		**0.00482**	).00500(	0	96.3	0.004934	2.41	12/07/2018

Batch 148445 **SampType:** MS Units **mg/L**
SampID: 18120405-010BMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury	0.00020		**0.00474**	).00500(	0	94.7	75	125	12/07/2018

Batch 148445 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 18120405-010BMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury	0.00020		**0.00475**	).00500(	0	95.0	0.004736	0.30	12/07/2018

Batch 148446 **SampType:** MBLK Units **mg/L**
SampID: MBLK-148446

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury	0.00020		**< 0.00020**	000055(	0	0	-100	100	12/07/2018

Batch 148446 **SampType:** LCS Units **mg/L**
SampID: LCS-148446

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury	0.00020		**0.00491**	).00500(	0	98.1	85	115	12/07/2018

Batch 148446 **SampType:** MS Units **mg/L**
SampID: 18120405-025BMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury	0.00020		**0.00490**	).00500(	0	98.0	75	125	12/07/2018

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Client Project: Champaign GW **Report Date:** 17-Dec-2018

SW-846 7470A (TOTAL)

Batch 148446 **SampType:** MSD Units **mg/L** RPD Limit **15**

SampID: 18120405-025BMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury	0.00020		**0.00493**	0.00500	0	98.5	0.004901	0.52	12/07/2018

Batch 148446 **SampType:** MS Units **mg/L**

SampID: 18120405-026BMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury	0.00020		**0.00487**	0.00500	0	97.5	75	125	12/07/2018

Batch 148446 **SampType:** MSD Units **mg/L** RPD Limit **15**

SampID: 18120405-026BMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury	0.00020		**0.00485**	0.00500	0	96.9	0.004874	0.58	12/07/2018

SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS

Batch 148411 **SampType:** MBLK Units **mg/L**

SampID: MBLK-148411

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.000100		**ND**						12/06/2018
Acenaphthylene	0.000100		**ND**						12/06/2018
Anthracene	0.000100		**0.000207**						12/06/2018
Benzo(a)anthracene	0.000100		**ND**						12/06/2018
Benzo(a)pyrene	0.000100		**ND**						12/06/2018
Benzo(b)fluoranthene	0.000100		**ND**						12/06/2018
Benzo(g,h,i)perylene	0.000100		**ND**						12/06/2018
Benzo(k)fluoranthene	0.000100		**ND**						12/06/2018
Chrysene	0.000100		**ND**						12/06/2018
Dibenzo(a,h)anthracene	0.000100		**ND**						12/06/2018
Fluoranthene	0.000200		**0.000275**						12/06/2018
Fluorene	0.000100		**ND**						12/06/2018
Indeno(1,2,3-cd)pyrene	0.000100		**ND**						12/06/2018
Naphthalene	0.000200		**ND**						12/06/2018
Phenanthrene	0.000400		**ND**						12/06/2018
Pyrene	0.000200		**0.000217**						12/06/2018
Surr: 2-Fluorobiphenyl			**0.000633**	0.00100		63.3	34.1	131	12/06/2018
Surr: Nitrobenzene-d5			**0.000655**	0.00100		65.5	35.1	136	12/06/2018
Surr: p-Terphenyl-d14			**0.000898**	0.00100		89.8	38.3	195	12/06/2018

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SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS

Batch 148411 **SampType:** LCS Units **mg/L**

SampID: LCS-148411

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.000100		**0.00149**	0.00200	0	74.6	53.8	111	12/06/2018
Acenaphthylene	0.000100		**0.00169**	0.00200	0	84.7	55.3	112	12/06/2018
Anthracene	0.000100	B	**0.00159**	0.00200	0	79.5	56.5	111	12/06/2018
Benzo(a)anthracene	0.000100		**0.00162**	0.00200	0	80.8	52.8	121	12/06/2018
Benzo(a)pyrene	0.000100		**0.00156**	0.00200	0	78.2	56.9	127	12/06/2018
Benzo(b)fluoranthene	0.000100		**0.00138**	0.00200	0	68.8	50.8	132	12/06/2018
Benzo(g,h,i)perylene	0.000100		**0.00170**	0.00200	0	84.9	37.6	151	12/06/2018
Benzo(k)fluoranthene	0.000100		**0.00179**	0.00200	0	89.3	56.6	125	12/06/2018
Chrysene	0.000100		**0.00177**	0.00200	0	88.4	39.6	124	12/06/2018
Dibenzo(a,h)anthracene	0.000100		**0.00193**	0.00200	0	96.5	42.6	144	12/06/2018
Fluoranthene	0.000200	B	**0.00182**	0.00200	0	91.2	55.3	130	12/06/2018
Fluorene	0.000100		**0.00162**	0.00200	0	81.0	53.2	118	12/06/2018
Indeno(1,2,3-cd)pyrene	0.000100		**0.00243**	0.00200	0	121.3	48.4	151	12/06/2018
Naphthalene	0.000200		**0.00149**	0.00200	0	74.7	50.6	108	12/06/2018
Phenanthrene	0.000400		**0.00163**	0.00200	0	81.5	56.1	125	12/06/2018
Pyrene	0.000200	B	**0.00181**	0.00200	0	90.4	52.7	129	12/06/2018
Surr: 2-Fluorobiphenyl			**0.000732**	0.00100		73.2	34.1	131	12/06/2018
Surr: Nitrobenzene-d5			**0.000707**	0.00100		70.7	35.1	136	12/06/2018
Surr: p-Terphenyl-d14			**0.000944**	0.00100		94.4	38.3	195	12/06/2018

Batch 148411 **SampType:** LCSD Units **mg/L** RPD Limit **40**

SampID: LCSD-148411

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene	0.000100		**0.00160**	0.00200	0	80.0	0.001492	7.06	12/06/2018
Acenaphthylene	0.000100		**0.00172**	0.00200	0	86.0	0.001695	1.41	12/06/2018
Anthracene	0.000100	B	**0.00165**	0.00200	0	82.5	0.001590	3.70	12/06/2018
Benzo(a)anthracene	0.000100		**0.00171**	0.00200	0	85.6	0.001615	5.75	12/06/2018
Benzo(a)pyrene	0.000100		**0.00174**	0.00200	0	87.0	0.001565	10.65	12/06/2018
Benzo(b)fluoranthene	0.000100		**0.00150**	0.00200	0	74.9	0.001375	8.57	12/06/2018
Benzo(g,h,i)perylene	0.000100		**0.00187**	0.00200	0	93.4	0.001698	9.59	12/06/2018
Benzo(k)fluoranthene	0.000100		**0.00173**	0.00200	0	86.4	0.001786	3.32	12/06/2018
Chrysene	0.000100		**0.00183**	0.00200	0	91.6	0.001768	3.60	12/06/2018
Dibenzo(a,h)anthracene	0.000100		**0.00208**	0.00200	0	104.1	0.001931	7.50	12/06/2018
Fluoranthene	0.000200	B	**0.00183**	0.00200	0	91.6	0.001823	0.47	12/06/2018
Fluorene	0.000100		**0.00168**	0.00200	0	83.8	0.001619	3.48	12/06/2018
Indeno(1,2,3-cd)pyrene	0.000100		**0.00264**	0.00200	0	132.1	0.002426	8.52	12/06/2018
Naphthalene	0.000200		**0.00166**	0.00200	0	82.8	0.001493	10.34	12/06/2018
Phenanthrene	0.000400		**0.00172**	0.00200	0	86.0	0.001631	5.31	12/06/2018
Pyrene	0.000200	B	**0.00188**	0.00200	0	93.9	0.001809	3.72	12/06/2018
Surr: 2-Fluorobiphenyl			**0.000692**	0.00100		69.2			12/06/2018
Surr: Nitrobenzene-d5			**0.000665**	0.00100		66.5			12/06/2018
Surr: p-Terphenyl-d14			**0.00101**	0.00100		100.8			12/06/2018

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS

Batch 148504 **SampType:** MBLK Units **mg/L**

SampID: MBLK-148504

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.000100		**ND**						12/11/2018
Acenaphthylene	0.000100		**ND**						12/11/2018
Anthracene	0.000100		**ND**						12/11/2018
Benzo(a)anthracene	0.000100		**ND**						12/11/2018
Benzo(a)pyrene	0.000100		**ND**						12/11/2018
Benzo(b)fluoranthene	0.000100		**ND**						12/11/2018
Benzo(g,h,i)perylene	0.000100		**ND**						12/11/2018
Benzo(k)fluoranthene	0.000100		**ND**						12/11/2018
Chrysene	0.000100		**ND**						12/11/2018
Dibenzo(a,h)anthracene	0.000100		**0.000108**						12/11/2018
Fluoranthene	0.000200		**ND**						12/11/2018
Fluorene	0.000100		**ND**						12/11/2018
Indeno(1,2,3-cd)pyrene	0.000100		**0.000122**						12/11/2018
Naphthalene	0.000200		**ND**						12/11/2018
Phenanthrene	0.000400		**ND**						12/11/2018
Pyrene	0.000200		**ND**						12/11/2018
Surr: 2-Fluorobiphenyl			**0.000848**	0.00100(		84.8	34.1	131	12/11/2018
Surr: Nitrobenzene-d5			**0.000743**	0.00100(		74.3	35.1	136	12/11/2018
Surr: p-Terphenyl-d14			**0.00126**	0.00100(		125.9	38.3	195	12/11/2018

Batch 148504 **SampType:** LCS Units **mg/L**

SampID: LCS-148504

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.000100		**0.00195**	0.00200(	0	97.7	53.8	111	12/10/2018
Acenaphthylene	0.000100		**0.00208**	0.00200(	0	104.0	55.3	112	12/10/2018
Anthracene	0.000100		**0.00194**	0.00200(	0	96.8	56.5	111	12/10/2018
Benzo(a)anthracene	0.000100	B	**0.00196**	0.00200(	0	98.1	52.8	121	12/10/2018
Benzo(a)pyrene	0.000100	B	**0.00190**	0.00200(	0	95.0	56.9	127	12/10/2018
Benzo(b)fluoranthene	0.000100	B	**0.00165**	0.00200(	0	82.7	50.8	132	12/10/2018
Benzo(g,h,i)perylene	0.000100	B	**0.00238**	0.00200(	0	118.9	37.6	151	12/10/2018
Benzo(k)fluoranthene	0.000100	B	**0.00194**	0.00200(	0	97.1	56.6	125	12/10/2018
Chrysene	0.000100	B	**0.00215**	0.00200(	0	107.6	39.6	124	12/10/2018
Dibenzo(a,h)anthracene	0.000100	B	**0.00258**	0.00200(	0	129.0	42.6	144	12/10/2018
Fluoranthene	0.000200		**0.00193**	0.00200(	0	96.6	55.3	130	12/10/2018
Fluorene	0.000100		**0.00194**	0.00200(	0	97.0	53.2	118	12/10/2018
Indeno(1,2,3-cd)pyrene	0.000100	B	**0.00208**	0.00200(	0	104.1	48.4	151	12/10/2018
Naphthalene	0.000200		**0.00190**	0.00200(	0	95.2	50.6	108	12/10/2018
Phenanthrene	0.000400		**0.00199**	0.00200(	0	99.5	56.1	125	12/10/2018
Pyrene	0.000200		**0.00191**	0.00200(	0	95.3	52.7	129	12/10/2018
Surr: 2-Fluorobiphenyl			**0.000848**	0.00100(		84.8	34.1	131	12/10/2018
Surr: Nitrobenzene-d5			**0.000831**	0.00100(		83.1	35.1	136	12/10/2018
Surr: p-Terphenyl-d14			**0.000987**	0.00100(		98.7	38.3	195	12/10/2018

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS

Batch 148504 **SampType:** LCSD Units **mg/L** RPD Limit **40**

SampID: LCSD-148504

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene	0.000100		**0.00177**	0.00200	0	88.4	0.001954	10.00	12/10/2018
Acenaphthylene	0.000100		**0.00192**	0.00200	0	96.1	0.002080	7.92	12/10/2018
Anthracene	0.000100		**0.00185**	0.00200	0	92.7	0.001936	4.36	12/10/2018
Benzo(a)anthracene	0.000100	B	**0.00186**	0.00200	0	92.9	0.001962	5.42	12/10/2018
Benzo(a)pyrene	0.000100	B	**0.00183**	0.00200	0	91.5	0.001900	3.79	12/10/2018
Benzo(b)fluoranthene	0.000100	B	**0.00160**	0.00200	0	79.9	0.001655	3.44	12/10/2018
Benzo(g,h,i)perylene	0.000100	B	**0.00233**	0.00200	0	116.3	0.002378	2.22	12/10/2018
Benzo(k)fluoranthene	0.000100	B	**0.00184**	0.00200	0	91.8	0.001942	5.63	12/10/2018
Chrysene	0.000100	B	**0.00197**	0.00200	0	98.4	0.002152	8.90	12/10/2018
Dibenzo(a,h)anthracene	0.000100	B	**0.00271**	0.00200	0	135.7	0.002579	5.11	12/10/2018
Fluoranthene	0.000200		**0.00186**	0.00200	0	93.2	0.001931	3.53	12/10/2018
Fluorene	0.000100		**0.00190**	0.00200	0	95.0	0.001939	2.09	12/10/2018
Indeno(1,2,3-cd)pyrene	0.000100	B	**0.00214**	0.00200	0	107.1	0.002083	2.82	12/10/2018
Naphthalene	0.000200		**0.00171**	0.00200	0	85.7	0.001904	10.47	12/10/2018
Phenanthrene	0.000400		**0.00195**	0.00200	0	97.4	0.001990	2.12	12/10/2018
Pyrene	0.000200		**0.00183**	0.00200	0	91.7	0.001906	3.83	12/10/2018
Surr: 2-Fluorobiphenyl			**0.000770**	0.00100		77.0			12/10/2018
Surr: Nitrobenzene-d5			**0.000773**	0.00100		77.3			12/10/2018
Surr: p-Terphenyl-d14			**0.000908**	0.00100		90.8			12/10/2018

Batch 148504 **SampType:** MS Units **mg/L**

SampID: 18120405-025AMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.000100		**0.00167**	0.00200	0	83.7	40.5	121	12/12/2018
Acenaphthylene	0.000100		**0.00186**	0.00200	0	93.0	50.9	132	12/12/2018
Anthracene	0.000100		**0.00173**	0.00200	0	86.7	62.1	120	12/12/2018
Benzo(a)anthracene	0.000100	B	**0.00180**	0.00200	0	89.9	67.8	119	12/12/2018
Benzo(a)pyrene	0.000100	B	**0.00173**	0.00200	0	86.5	73.8	124	12/12/2018
Benzo(b)fluoranthene	0.000100	B	**0.00154**	0.00200	0	77.1	73.3	119	12/12/2018
Benzo(g,h,i)perylene	0.000100	B	**0.00186**	0.00200	0	93.1	56.3	139	12/12/2018
Benzo(k)fluoranthene	0.000100	B	**0.00169**	0.00200	0	84.3	69.5	115	12/12/2018
Chrysene	0.000100	B	**0.00183**	0.00200	0	91.6	69	112	12/12/2018
Dibenzo(a,h)anthracene	0.000100	B	**0.00214**	0.00200	0	106.9	66.1	135	12/12/2018
Fluoranthene	0.000200		**0.00220**	0.00200	0	109.9	69.4	117	12/12/2018
Fluorene	0.000100		**0.00172**	0.00200	0	85.8	54.3	116	12/12/2018
Indeno(1,2,3-cd)pyrene	0.000100	B	**0.00166**	0.00200	0	83.1	62.5	136	12/12/2018
Naphthalene	0.000200		**0.00170**	0.00200	0	84.8	34.6	129	12/12/2018
Phenanthrene	0.000400		**0.00182**	0.00200	0	91.2	62.4	108	12/12/2018
Pyrene	0.000200		**0.00218**	0.00200	0	109.1	64.2	118	12/12/2018
Surr: 2-Fluorobiphenyl			**0.000881**	0.00100		88.1	10	164	12/12/2018
Surr: Nitrobenzene-d5			**0.000752**	0.00100		75.2	10.3	142	12/12/2018
Surr: p-Terphenyl-d14			**0.00113**	0.00100		113.2	47.1	148	12/12/2018

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS

Batch 148504 **SampType:** MSD Units **mg/L** RPD Limit **40**

SampID: 18120405-025AMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene	0.000100		**0.00190**	0.00200	0	95.0	0.001674	12.68	12/12/2018
Acenaphthylene	0.000100		**0.00197**	0.00200	0	98.7	0.001860	5.92	12/12/2018
Anthracene	0.000100		**0.00183**	0.00200	0	91.6	0.001734	5.47	12/12/2018
Benzo(a)anthracene	0.000100	B	**0.00195**	0.00200	0	97.7	0.001798	8.34	12/12/2018
Benzo(a)pyrene	0.000100	B	**0.00195**	0.00200	0	97.4	0.001730	11.83	12/12/2018
Benzo(b)fluoranthene	0.000100	B	**0.00171**	0.00200	0	85.4	0.001541	10.30	12/12/2018
Benzo(g,h,i)perylene	0.000100	B	**0.00212**	0.00200	0	106.1	0.001862	13.03	12/12/2018
Benzo(k)fluoranthene	0.000100	B	**0.00197**	0.00200	0	98.4	0.001686	15.46	12/12/2018
Chrysene	0.000100	B	**0.00201**	0.00200	0	100.5	0.001832	9.20	12/12/2018
Dibenzo(a,h)anthracene	0.000100	B	**0.00242**	0.00200	0	121.1	0.002138	12.46	12/12/2018
Fluoranthene	0.000200		**0.00207**	0.00200	0	103.6	0.002198	5.95	12/12/2018
Fluorene	0.000100		**0.00193**	0.00200	0	96.4	0.001717	11.55	12/12/2018
Indeno(1,2,3-cd)pyrene	0.000100	B	**0.00193**	0.00200	0	96.4	0.001662	14.84	12/12/2018
Naphthalene	0.000200		**0.00178**	0.00200	0	89.1	0.001697	4.89	12/12/2018
Phenanthrene	0.000400		**0.00189**	0.00200	0	94.4	0.001824	3.49	12/12/2018
Pyrene	0.000200		**0.00215**	0.00200	0	107.6	0.002183	1.41	12/12/2018
Surr: 2-Fluorobiphenyl			**0.000856**	0.00100		85.6			12/12/2018
Surr: Nitrobenzene-d5			**0.000758**	0.00100		75.8			12/12/2018
Surr: p-Terphenyl-d14			**0.00111**	0.00100		110.8			12/12/2018

Batch 148524 **SampType:** MBLK Units **mg/L**

SampID: MBLK-148524

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.000100		**ND**						12/11/2018
Acenaphthylene	0.000100		**ND**						12/11/2018
Anthracene	0.000100		**ND**						12/11/2018
Benzo(a)anthracene	0.000100		**ND**						12/11/2018
Benzo(a)pyrene	0.000100		**ND**						12/11/2018
Benzo(b)fluoranthene	0.000100		**ND**						12/11/2018
Benzo(g,h,i)perylene	0.000100		**ND**						12/11/2018
Benzo(k)fluoranthene	0.000100		**ND**						12/11/2018
Chrysene	0.000100		**ND**						12/11/2018
Dibenzo(a,h)anthracene	0.000100		**ND**						12/11/2018
Fluoranthene	0.000200		**ND**						12/11/2018
Fluorene	0.000100		**ND**						12/11/2018
Indeno(1,2,3-cd)pyrene	0.000100		**ND**						12/11/2018
Naphthalene	0.000200		**ND**						12/11/2018
Phenanthrene	0.000400		**ND**						12/11/2018
Pyrene	0.000200		**ND**						12/11/2018
Surr: 2-Fluorobiphenyl			**0.000840**	0.00100		84.0	34.1	131	12/11/2018
Surr: Nitrobenzene-d5			**0.000735**	0.00100		73.5	35.1	136	12/11/2018
Surr: p-Terphenyl-d14			**0.00103**	0.00100		103.4	38.3	195	12/11/2018

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS

Batch 148524 **SampType:** LCS Units **mg/L**

SampID: LCS-148524

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.000100		**0.00173**	0.00200	0	86.6	53.8	111	12/11/2018
Acenaphthylene	0.000100		**0.00183**	0.00200	0	91.5	55.3	112	12/11/2018
Anthracene	0.000100		**0.00169**	0.00200	0	84.4	56.5	111	12/11/2018
Benzo(a)anthracene	0.000100		**0.00180**	0.00200	0	89.9	52.8	121	12/11/2018
Benzo(a)pyrene	0.000100		**0.00186**	0.00200	0	93.1	56.9	127	12/11/2018
Benzo(b)fluoranthene	0.000100		**0.00157**	0.00200	0	78.7	50.8	132	12/11/2018
Benzo(g,h,i)perylene	0.000100		**0.00201**	0.00200	0	100.5	37.6	151	12/11/2018
Benzo(k)fluoranthene	0.000100		**0.00181**	0.00200	0	90.6	56.6	125	12/11/2018
Chrysene	0.000100		**0.00189**	0.00200	0	94.7	39.6	124	12/11/2018
Dibenzo(a,h)anthracene	0.000100		**0.00228**	0.00200	0	114.0	42.6	144	12/11/2018
Fluoranthene	0.000200		**0.00188**	0.00200	0	94.1	55.3	130	12/11/2018
Fluorene	0.000100		**0.00171**	0.00200	0	85.4	53.2	118	12/11/2018
Indeno(1,2,3-cd)pyrene	0.000100		**0.00182**	0.00200	0	90.9	48.4	151	12/11/2018
Naphthalene	0.000200		**0.00171**	0.00200	0	85.3	50.6	108	12/11/2018
Phenanthrene	0.000400		**0.00182**	0.00200	0	90.8	56.1	125	12/11/2018
Pyrene	0.000200		**0.00197**	0.00200	0	98.7	52.7	129	12/11/2018
Surr: 2-Fluorobiphenyl			**0.000834**	0.00100		83.4	34.1	131	12/11/2018
Surr: Nitrobenzene-d5			**0.000748**	0.00100		74.8	35.1	136	12/11/2018
Surr: p-Terphenyl-d14			**0.00105**	0.00100		104.7	38.3	195	12/11/2018

Batch 148524 **SampType:** LCSD Units **mg/L** RPD Limit **40**

SampID: LCSD-148524

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene	0.000100		**0.00179**	0.00200	0	89.4	0.001732	3.16	12/11/2018
Acenaphthylene	0.000100		**0.00192**	0.00200	0	96.2	0.001831	4.95	12/11/2018
Anthracene	0.000100		**0.00184**	0.00200	0	92.2	0.001687	8.84	12/11/2018
Benzo(a)anthracene	0.000100		**0.00190**	0.00200	0	95.2	0.001797	5.74	12/11/2018
Benzo(a)pyrene	0.000100		**0.00195**	0.00200	0	97.5	0.001863	4.60	12/11/2018
Benzo(b)fluoranthene	0.000100		**0.00164**	0.00200	0	81.9	0.001573	3.98	12/11/2018
Benzo(g,h,i)perylene	0.000100		**0.00203**	0.00200	0	101.7	0.002010	1.20	12/11/2018
Benzo(k)fluoranthene	0.000100		**0.00195**	0.00200	0	97.6	0.001812	7.40	12/11/2018
Chrysene	0.000100		**0.00204**	0.00200	0	101.9	0.001895	7.30	12/11/2018
Dibenzo(a,h)anthracene	0.000100		**0.00230**	0.00200	0	114.8	0.002280	0.73	12/11/2018
Fluoranthene	0.000200		**0.00190**	0.00200	0	95.1	0.001882	1.08	12/11/2018
Fluorene	0.000100		**0.00187**	0.00200	0	93.6	0.001707	9.16	12/11/2018
Indeno(1,2,3-cd)pyrene	0.000100		**0.00162**	0.00200	0	81.1	0.001818	11.48	12/11/2018
Naphthalene	0.000200		**0.00184**	0.00200	0	91.8	0.001706	7.36	12/11/2018
Phenanthrene	0.000400		**0.00191**	0.00200	0	95.7	0.001817	5.22	12/11/2018
Pyrene	0.000200		**0.00196**	0.00200	0	97.9	0.001974	0.84	12/11/2018
Surr: 2-Fluorobiphenyl			**0.000848**	0.00100		84.8			12/11/2018
Surr: Nitrobenzene-d5			**0.000774**	0.00100		77.4			12/11/2018
Surr: p-Terphenyl-d14			**0.000999**	0.00100		99.9			12/11/2018

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS

Batch 148524 **SampType:** MS Units **mg/L**

SampID: 18120405-026AMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.000100		**0.00202**	0.00200	0	100.9	40.5	121	12/11/2018
Acenaphthylene	0.000100		**0.00213**	0.00200	0	106.3	50.9	132	12/11/2018
Anthracene	0.000100		**0.00202**	0.00200	0	101.0	62.1	120	12/11/2018
Benzo(a)anthracene	0.000100		**0.00187**	0.00200	0	93.5	67.8	119	12/11/2018
Benzo(a)pyrene	0.000100		**0.00187**	0.00200	0	93.4	73.8	124	12/11/2018
Benzo(b)fluoranthene	0.000100		**0.00165**	0.00200	0	82.6	73.3	119	12/11/2018
Benzo(g,h,i)perylene	0.000100		**0.00196**	0.00200	0	97.8	56.3	139	12/11/2018
Benzo(k)fluoranthene	0.000100		**0.00192**	0.00200	0	96.0	69.5	115	12/11/2018
Chrysene	0.000100		**0.00175**	0.00200	0	87.3	69	112	12/11/2018
Dibenzo(a,h)anthracene	0.000100		**0.00231**	0.00200	0	115.7	66.1	135	12/11/2018
Fluoranthene	0.000200	S	**0.00240**	0.00200	0	120.2	69.4	117	12/11/2018
Fluorene	0.000100		**0.00204**	0.00200	0	101.9	54.3	116	12/11/2018
Indeno(1,2,3-cd)pyrene	0.000100		**0.00163**	0.00200	0	81.3	62.5	136	12/11/2018
Naphthalene	0.000200		**0.00207**	0.00200	0	103.4	34.6	129	12/11/2018
Phenanthrene	0.000400		**0.00200**	0.00200	0	100.0	62.4	108	12/11/2018
Pyrene	0.000200	S	**0.00240**	0.00200	0	120.0	64.2	118	12/11/2018
Surr: 2-Fluorobiphenyl			**0.000875**	0.00100		87.5	10	164	12/11/2018
Surr: Nitrobenzene-d5			**0.000829**	0.00100		82.9	10.3	142	12/11/2018
Surr: p-Terphenyl-d14			**0.00118**	0.00100		118.3	47.1	148	12/11/2018

Batch 148524 **SampType:** MSD Units **mg/L** RPD Limit **40**

SampID: 18120405-026AMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene	0.000100		**0.00180**	0.00200	0	90.2	0.002018	11.26	12/11/2018
Acenaphthylene	0.000100		**0.00192**	0.00200	0	96.2	0.002125	9.96	12/11/2018
Anthracene	0.000100		**0.00191**	0.00200	0	95.6	0.002020	5.50	12/11/2018
Benzo(a)anthracene	0.000100		**0.00186**	0.00200	0	92.9	0.001870	0.66	12/11/2018
Benzo(a)pyrene	0.000100		**0.00182**	0.00200	0	91.2	0.001869	2.39	12/11/2018
Benzo(b)fluoranthene	0.000100		**0.00169**	0.00200	0	84.5	0.001653	2.25	12/11/2018
Benzo(g,h,i)perylene	0.000100		**0.00205**	0.00200	0	102.6	0.001955	4.84	12/11/2018
Benzo(k)fluoranthene	0.000100		**0.00195**	0.00200	0	97.5	0.001919	1.64	12/11/2018
Chrysene	0.000100		**0.00208**	0.00200	0	103.9	0.001747	17.29	12/11/2018
Dibenzo(a,h)anthracene	0.000100		**0.00229**	0.00200	0	114.7	0.002314	0.86	12/11/2018
Fluoranthene	0.000200		**0.00207**	0.00200	0	103.6	0.002404	14.88	12/11/2018
Fluorene	0.000100		**0.00177**	0.00200	0	88.4	0.002039	14.20	12/11/2018
Indeno(1,2,3-cd)pyrene	0.000100		**0.00157**	0.00200	0	78.6	0.001625	3.33	12/11/2018
Naphthalene	0.000200		**0.00181**	0.00200	0	90.3	0.002068	13.48	12/11/2018
Phenanthrene	0.000400		**0.00177**	0.00200	0	88.4	0.002001	12.34	12/11/2018
Pyrene	0.000200		**0.00205**	0.00200	0	102.7	0.002401	15.61	12/11/2018
Surr: 2-Fluorobiphenyl			**0.000809**	0.00100		80.9			12/11/2018
Surr: Nitrobenzene-d5			**0.000745**	0.00100		74.5			12/11/2018
Surr: p-Terphenyl-d14			**0.000989**	0.00100		98.9			12/11/2018

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 148501 **SampType:** MBLK Units µg/L

SampID: MBLK-T181207A-3

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	0.5		ND						12/08/2018
Ethylbenzene	2.0		ND						12/08/2018
Toluene	2.0		ND						12/08/2018
Xylenes, Total	4.0		ND						12/08/2018
Surr: 1,2-Dichloroethane-d4			49.1	50.00		98.3	79.6	118	12/08/2018
Surr: 4-Bromofluorobenzene			51.9	50.00		103.9	83.9	115	12/08/2018
Surr: Dibromofluoromethane			50.0	50.00		100.0	84.9	113	12/08/2018
Surr: Toluene-d8			50.2	50.00		100.4	86.7	112	12/08/2018

Batch 148501 **SampType:** LCSD Units µg/L RPD Limit 40

SampID: LCSD-T181207A-3

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	0.5		53.2	50.00	0	106.3	50.77	4.58	12/08/2018
Ethylbenzene	2.0		55.3	50.00	0	110.5	51.36	7.32	12/08/2018
Toluene	2.0		54.2	50.00	0	108.3	52.57	3.00	12/08/2018
Xylenes, Total	4.0		167	150.0	0	111.3	156.9	6.25	12/08/2018
Surr: 1,2-Dichloroethane-d4			50.2	50.00		100.5			12/08/2018
Surr: 4-Bromofluorobenzene			49.6	50.00		99.3			12/08/2018
Surr: Dibromofluoromethane			50.5	50.00		100.9			12/08/2018
Surr: Toluene-d8			50.2	50.00		100.4			12/08/2018

Batch 148501 **SampType:** LCS Units µg/L

SampID: LCS-T181207A-3

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	0.5		50.8	50.00	0	101.5	75.8	121	12/08/2018
Ethylbenzene	2.0		51.4	50.00	0	102.7	80.7	114	12/08/2018
Toluene	2.0		52.6	50.00	0	105.1	78.3	112	12/08/2018
Xylenes, Total	4.0		157	150.0	0	104.6	80.2	113	12/08/2018
Surr: 1,2-Dichloroethane-d4			48.7	50.00		97.4	79.6	118	12/08/2018
Surr: 4-Bromofluorobenzene			52.0	50.00		104.1	83.9	115	12/08/2018
Surr: Dibromofluoromethane			49.5	50.00		99.0	84.9	113	12/08/2018
Surr: Toluene-d8			50.7	50.00		101.3	86.7	112	12/08/2018

Batch 148509 **SampType:** MBLK Units µg/L

SampID: MBLK-N181207A-2

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	0.5		ND						12/08/2018
Ethylbenzene	2.0		ND						12/08/2018
Toluene	2.0		ND						12/08/2018
Xylenes, Total	4.0		ND						12/08/2018
Surr: 1,2-Dichloroethane-d4			46.5	50.00		93.1	79.6	118	12/08/2018
Surr: 4-Bromofluorobenzene			47.0	50.00		94.1	83.9	115	12/08/2018
Surr: Dibromofluoromethane			49.9	50.00		99.8	84.9	113	12/08/2018
Surr: Toluene-d8			48.8	50.00		97.6	86.7	112	12/08/2018

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 148509 **SampType:** LCSD Units **µg/L** RPD Limit **40**

SampID: LCSD-N181207A-2

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	0.5		**47.9**	50.00	0	95.8	47.32	1.22	12/07/2018
Ethylbenzene	2.0		**49.4**	50.00	0	98.7	46.91	5.11	12/07/2018
Toluene	2.0		**48.5**	50.00	0	96.9	47.98	1.02	12/07/2018
Xylenes, Total	4.0		**144**	150.0	0	96.2	139.5	3.32	12/07/2018
Surr: 1,2-Dichloroethane-d4			**44.6**	50.00		89.3			12/07/2018
Surr: 4-Bromofluorobenzene			**47.2**	50.00		94.4			12/07/2018
Surr: Dibromofluoromethane			**49.7**	50.00		99.3			12/07/2018
Surr: Toluene-d8			**49.8**	50.00		99.6			12/07/2018

Batch 148509 **SampType:** lcs Units **µg/L**

SampID: LCS-N181207A-2

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	0.5		**47.3**	50.00	0	94.6	75.8	121	12/07/2018
Ethylbenzene	2.0		**46.9**	50.00	0	93.8	80.7	114	12/07/2018
Toluene	2.0		**48.0**	50.00	0	96.0	78.3	112	12/07/2018
Xylenes, Total	4.0		**140**	150.0	0	93.0	80.2	113	12/07/2018
Surr: 1,2-Dichloroethane-d4			**45.3**	50.00		90.6	79.6	118	12/07/2018
Surr: 4-Bromofluorobenzene			**47.8**	50.00		95.6	83.9	115	12/07/2018
Surr: Dibromofluoromethane			**49.6**	50.00		99.1	84.9	113	12/07/2018
Surr: Toluene-d8			**49.2**	50.00		98.4	86.7	112	12/07/2018

Batch 148509 **SampType:** LCSGD Units **%REC** RPD Limit **0**

SampID: LCSGD-N181207A-2

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Surr: 1,2-Dichloroethane-d4			**47.0**	50.00		94.0			12/07/2018
Surr: 4-Bromofluorobenzene			**47.6**	50.00		95.2			12/07/2018
Surr: Dibromofluoromethane			**49.0**	50.00		97.9			12/07/2018
Surr: Toluene-d8			**49.4**	50.00		98.9			12/07/2018

Batch 148509 **SampType:** LCSG Units **%REC**

SampID: LCSG-N181207A-2

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Surr: 1,2-Dichloroethane-d4			**45.4**	50.00		90.8	79.6	118	12/07/2018
Surr: 4-Bromofluorobenzene			**48.3**	50.00		96.7	83.9	115	12/07/2018
Surr: Dibromofluoromethane			**51.1**	50.00		102.1	84.9	113	12/07/2018
Surr: Toluene-d8			**47.5**	50.00		95.0	86.7	112	12/07/2018

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 148509 **SampType:** MS Units µg/L

SampID: 18120405-025DMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	0.5		**45.4**	50.00	0	90.9	62.5	121	12/08/2018
Ethylbenzene	2.0		**45.9**	50.00	0.1200	91.5	74.4	130	12/08/2018
Toluene	2.0		**44.6**	50.00	0	89.3	69.5	118	12/08/2018
Xylenes, Total	4.0		**88.3**	100.0	0	88.3	71.1	125	12/08/2018
Surr: 1,2-Dichloroethane-d4			**45.6**	50.00		91.1	74.7	129	12/08/2018
Surr: 4-Bromofluorobenzene			**48.8**	50.00		97.7	86	119	12/08/2018
Surr: Dibromofluoromethane			**48.9**	50.00		97.9	81.7	123	12/08/2018
Surr: Toluene-d8			**50.0**	50.00		100.1	84.3	114	12/08/2018

Batch 148509 **SampType:** MSD Units µg/L RPD Limit **20**

SampID: 18120405-025DMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	0.5		**46.1**	50.00	0	92.3	45.43	1.55	12/08/2018
Ethylbenzene	2.0		**46.2**	50.00	0.1200	92.1	45.86	0.67	12/08/2018
Toluene	2.0		**44.8**	50.00	0	89.7	44.65	0.40	12/08/2018
Xylenes, Total	4.0		**87.8**	100.0	0	87.8	88.28	0.57	12/08/2018
Surr: 1,2-Dichloroethane-d4			**46.7**	50.00		93.5			12/08/2018
Surr: 4-Bromofluorobenzene			**49.7**	50.00		99.4			12/08/2018
Surr: Dibromofluoromethane			**49.8**	50.00		99.7			12/08/2018
Surr: Toluene-d8			**50.5**	50.00		101.0			12/08/2018

Batch 148542 **SampType:** MBLK Units µg/L

SampID: MBLK-N181210A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	0.5		**ND**						12/10/2018
Ethylbenzene	2.0		**ND**						12/10/2018
Toluene	2.0		**ND**						12/10/2018
Xylenes, Total	4.0		**ND**						12/10/2018
Surr: 1,2-Dichloroethane-d4			**47.0**	50.00		93.9	79.6	118	12/10/2018
Surr: 4-Bromofluorobenzene			**48.6**	50.00		97.3	83.9	115	12/10/2018
Surr: Dibromofluoromethane			**49.7**	50.00		99.3	84.9	113	12/10/2018
Surr: Toluene-d8			**48.2**	50.00		96.4	86.7	112	12/10/2018

Batch 148542 **SampType:** LCSD Units µg/L RPD Limit **40**

SampID: LCSD-N181210A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	0.5		**50.8**	50.00	0	101.6	51.06	0.51	12/10/2018
Ethylbenzene	2.0		**49.6**	50.00	0	99.1	48.13	2.93	12/10/2018
Toluene	2.0		**48.9**	50.00	0	97.8	48.48	0.90	12/10/2018
Xylenes, Total	4.0		**143**	150.0	0	95.7	139.9	2.56	12/10/2018
Surr: 1,2-Dichloroethane-d4			**46.0**	50.00		91.9			12/10/2018
Surr: 4-Bromofluorobenzene			**47.4**	50.00		94.8			12/10/2018
Surr: Dibromofluoromethane			**50.9**	50.00		101.7			12/10/2018
Surr: Toluene-d8			**48.9**	50.00		97.8			12/10/2018

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 148542 **SampType:** LCS Units **µg/L**

SampID: LCS-N181210A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	0.5		**51.1**	50.00	0	102.1	75.8	121	12/10/2018
Ethylbenzene	2.0		**48.1**	50.00	0	96.3	80.7	114	12/10/2018
Toluene	2.0		**48.5**	50.00	0	97.0	78.3	112	12/10/2018
Xylenes, Total	4.0		**140**	150.0	0	93.2	80.2	113	12/10/2018
Surr: 1,2-Dichloroethane-d4			**46.4**	50.00		92.7	79.6	118	12/10/2018
Surr: 4-Bromofluorobenzene			**45.6**	50.00		91.2	83.9	115	12/10/2018
Surr: Dibromofluoromethane			**50.5**	50.00		101.1	84.9	113	12/10/2018
Surr: Toluene-d8			**47.8**	50.00		95.7	86.7	112	12/10/2018

Batch 148542 **SampType:** LCSGD Units **%REC** RPD Limit **0**

SampID: LCSGD-N181210A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Surr: 1,2-Dichloroethane-d4			**46.2**	50.00		92.4			12/10/2018
Surr: 4-Bromofluorobenzene			**47.2**	50.00		94.4			12/10/2018
Surr: Dibromofluoromethane			**49.0**	50.00		97.9			12/10/2018
Surr: Toluene-d8			**47.6**	50.00		95.2			12/10/2018

Batch 148542 **SampType:** LCSG Units **%REC**

SampID: LCSG-N181210A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Surr: 1,2-Dichloroethane-d4			**46.9**	50.00		93.8	79.6	118	12/10/2018
Surr: 4-Bromofluorobenzene			**46.8**	50.00		93.6	83.9	115	12/10/2018
Surr: Dibromofluoromethane			**49.6**	50.00		99.1	84.9	113	12/10/2018
Surr: Toluene-d8			**48.0**	50.00		96.0	86.7	112	12/10/2018

Batch 148562 **SampType:** MBLK Units **µg/L**

SampID: MBLK-T181211A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	0.5		**ND**						12/11/2018
Ethylbenzene	2.0		**ND**						12/11/2018
Toluene	2.0		**ND**						12/11/2018
Xylenes, Total	4.0		**ND**						12/11/2018
Surr: 1,2-Dichloroethane-d4			**48.9**	50.00		97.8	79.6	118	12/11/2018
Surr: 4-Bromofluorobenzene			**52.1**	50.00		104.1	83.9	115	12/11/2018
Surr: Dibromofluoromethane			**48.8**	50.00		97.5	84.9	113	12/11/2018
Surr: Toluene-d8			**51.4**	50.00		102.8	86.7	112	12/11/2018

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 148562 **SampType:** LCSD Units µg/L RPD Limit 40

SampID: LCSD-T181211A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	0.5		**53.2**	50.00	0	106.3	52.94	0.40	12/11/2018
Ethylbenzene	2.0		**55.6**	50.00	0	111.2	54.56	1.87	12/11/2018
Toluene	2.0		**54.1**	50.00	0	108.2	53.85	0.44	12/11/2018
Xylenes, Total	4.0		**162**	150.0	0	108.2	163.1	0.46	12/11/2018
Surr: 1,2-Dichloroethane-d4			**49.4**	50.00		98.8			12/11/2018
Surr: 4-Bromofluorobenzene			**52.1**	50.00		104.2			12/11/2018
Surr: Dibromofluoromethane			**49.7**	50.00		99.3			12/11/2018
Surr: Toluene-d8			**50.4**	50.00		100.8			12/11/2018

Batch 148562 **SampType:** LCS Units µg/L

SampID: LCS-T181211A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	0.5		**52.9**	50.00	0	105.9	75.8	121	12/11/2018
Ethylbenzene	2.0		**54.6**	50.00	0	109.1	80.7	114	12/11/2018
Toluene	2.0		**53.8**	50.00	0	107.7	78.3	112	12/11/2018
Xylenes, Total	4.0		**163**	150.0	0	108.7	80.2	113	12/11/2018
Surr: 1,2-Dichloroethane-d4			**49.3**	50.00		98.6	79.6	118	12/11/2018
Surr: 4-Bromofluorobenzene			**52.1**	50.00		104.2	83.9	115	12/11/2018
Surr: Dibromofluoromethane			**49.6**	50.00		99.2	84.9	113	12/11/2018
Surr: Toluene-d8			**49.6**	50.00		99.2	86.7	112	12/11/2018

Batch 148562 **SampType:** MS Units µg/L

SampID: 18120405-026DMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	0.5		**50.4**	50.00	0	100.8	62.5	121	12/11/2018
Ethylbenzene	2.0		**53.6**	50.00	0	107.1	74.4	130	12/11/2018
Toluene	2.0		**50.0**	50.00	0	100.0	69.5	118	12/11/2018
Xylenes, Total	4.0		**104**	100.0	0	104.0	71.1	125	12/11/2018
Surr: 1,2-Dichloroethane-d4			**50.3**	50.00		100.6	79.6	118	12/11/2018
Surr: 4-Bromofluorobenzene			**52.5**	50.00		105.0	83.9	115	12/11/2018
Surr: Dibromofluoromethane			**49.2**	50.00		98.5	84.9	113	12/11/2018
Surr: Toluene-d8			**50.4**	50.00		100.8	86.7	112	12/11/2018

Batch 148562 **SampType:** MSD Units µg/L RPD Limit 20

SampID: 18120405-026DMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	0.5		**49.3**	50.00	0	98.7	50.42	2.19	12/11/2018
Ethylbenzene	2.0		**52.5**	50.00	0	105.1	53.56	1.94	12/11/2018
Toluene	2.0		**50.7**	50.00	0	101.4	50.02	1.33	12/11/2018
Xylenes, Total	4.0		**105**	100.0	0	105.1	104.0	0.99	12/11/2018
Surr: 1,2-Dichloroethane-d4			**50.4**	50.00		100.9			12/11/2018
Surr: 4-Bromofluorobenzene			**52.7**	50.00		105.3			12/11/2018
Surr: Dibromofluoromethane			**49.1**	50.00		98.3			12/11/2018
Surr: Toluene-d8			**50.2**	50.00		100.3			12/11/2018

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 148601 **SampType:** MBLK Units **µg/L**

SampID: MBLK-N181212A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	0.5		**ND**						12/12/2018
Ethylbenzene	2.0		**ND**						12/12/2018
Toluene	2.0		**ND**						12/12/2018
Xylenes, Total	4.0		**ND**						12/12/2018
Surr: 1,2-Dichloroethane-d4			**48.1**	50.00		96.3	79.6	118	12/12/2018
Surr: 4-Bromofluorobenzene			**49.4**	50.00		98.9	83.9	115	12/12/2018
Surr: Dibromofluoromethane			**50.6**	50.00		101.1	84.9	113	12/12/2018
Surr: Toluene-d8			**47.5**	50.00		95.1	86.7	112	12/12/2018

Batch 148601 **SampType:** LCSD Units **µg/L** RPD Limit **40**

SampID: LCSD-N181212A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	0.5		**48.6**	50.00	0	97.2	48.89	0.59	12/12/2018
Ethylbenzene	2.0		**46.4**	50.00	0	92.8	45.29	2.42	12/12/2018
Toluene	2.0		**45.6**	50.00	0	91.2	45.76	0.31	12/12/2018
Xylenes, Total	4.0		**142**	150.0	0	94.7	140.8	0.93	12/12/2018
Surr: 1,2-Dichloroethane-d4			**47.0**	50.00		94.1			12/12/2018
Surr: 4-Bromofluorobenzene			**46.7**	50.00		93.4			12/12/2018
Surr: Dibromofluoromethane			**49.9**	50.00		99.8			12/12/2018
Surr: Toluene-d8			**46.8**	50.00		93.7			12/12/2018

Batch 148601 **SampType:** LCS Units **µg/L**

SampID: LCS-N181212A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	0.5		**48.9**	50.00	0	97.8	75.8	121	12/12/2018
Ethylbenzene	2.0		**45.3**	50.00	0	90.6	80.7	114	12/12/2018
Toluene	2.0		**45.8**	50.00	0	91.5	78.3	112	12/12/2018
Xylenes, Total	4.0		**141**	150.0	0	93.9	80.2	113	12/12/2018
Surr: 1,2-Dichloroethane-d4			**47.9**	50.00		95.8	79.6	118	12/12/2018
Surr: 4-Bromofluorobenzene			**45.5**	50.00		91.1	83.9	115	12/12/2018
Surr: Dibromofluoromethane			**50.6**	50.00		101.2	84.9	113	12/12/2018
Surr: Toluene-d8			**48.0**	50.00		96.0	86.7	112	12/12/2018

Batch 148601 **SampType:** LCSGD Units **%REC** RPD Limit **0**

SampID: LCSGD-N181212A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Surr: 1,2-Dichloroethane-d4			**47.4**	50.00		94.8			12/12/2018
Surr: 4-Bromofluorobenzene			**47.0**	50.00		93.9			12/12/2018
Surr: Dibromofluoromethane			**48.5**	50.00		97.1			12/12/2018
Surr: Toluene-d8			**47.8**	50.00		95.6			12/12/2018

Client: ERM **Work Order:** 18120405

Client Project: Champaign GW **Report Date:** 17-Dec-2018

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 148601 **SampType:** LCSG Units **%REC**

SampID: LCSG-N181212A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Surr: 1,2-Dichloroethane-d4			**47.2**	50.00		94.3	79.6	118	12/12/2018
Surr: 4-Bromofluorobenzene			**47.6**	50.00		95.1	83.9	115	12/12/2018
Surr: Dibromofluoromethane			**48.2**	50.00		96.4	84.9	113	12/12/2018
Surr: Toluene-d8			**48.7**	50.00		97.4	86.7	112	12/12/2018

Receiving Check List

http://www.teklabinc.com/

Client: ERM
Client Project: Champaign GW

Work Order: 18120405
Report Date: 17-Dec-2018

Carrier: Lauren Nicholson

Received By: MEK

Completed by: Amber M. Dilallo
On: 06-Dec-2018

Reviewed by: Michael L. Austin
On: 06-Dec-2018

Pages to follow: Chain of custody 4 Extra pages included 0

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C	0.62	
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice	☐	
Chain of custody present?	Yes ☑	No ☐				
Chain of custody signed when relinquished and received?	Yes ☑	No ☐				
Chain of custody agrees with sample labels?	Yes ☑	No ☐				
Samples in proper container/bottle?	Yes ☑	No ☐				
Sample containers intact?	Yes ☑	No ☐				
Sufficient sample volume for indicated test?	Yes ☑	No ☐				
All samples received within holding time?	Yes ☑	No ☐				
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑			
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐				

When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.

Water – at least one vial per sample has zero headspace?	Yes ☑	No ☐	No VOA vials ☐
Water - TOX containers have zero headspace?	Yes ☐	No ☐	No TOX containers ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☑	NA ☐
NPDES/CWA TCN interferences checked/treated in the field?	Yes ☐	No ☐	NA ☑

Any No responses must be detailed below or on the COC.

Additional Sodium Hydroxide was needed upon arrival at the laboratory for UMW-108-WG-201812_04 and UMW-109-WG-201812_04. - adilallo - 12/6/2018 4:42:16 PM

CHAIN OF CUSTODY

pg. 1 of 4 Work order # 18120405

TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

Client:	ERM
Address:	2 CityPlace Drive, Suite 70
City / State / Zip	St. Louis, MO 63141
Contact:	Tom Stiegemeier
Phone:	(314) 682-3980
E-Mail:	tom.stiegemeier@erm.com
Fax:	

Samples on: [X] ICE [ ] BLUE ICE [ ] NO ICE 0.62 °C

Preserved in: [X] LAB [ ] FIELD

FOR LAB USE ONLY

Lab Notes: Added Naoh to 108 & 109. Ø HS. LCMO 12/6/18

Client Comments TACO Class 1 RO standards for reporting limits

Are these samples known to be involved in litigation? If yes, a surcharge will apply [ ] Yes [X] No

Are these samples known to be hazardous? [ ] Yes [X] No

Are there any required reporting limits to be met on the requested analysis?. If yes, please provide limits in the comment section. [X] Yes [ ] No

Project Name/Number	Sample Collector's Name
Champaign GW	G. Moore

Results Requested

[X] Standard [ ] 1-2 Day (100% Surcharge) [ ] Other ____ [ ] 3 Day (50% Surcharge)

Billing Instructions

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNP	HNO3	NaOH	HCl	MATRIX: Groundwater	INDICATE ANALYSIS REQUESTED: BTEX 8260	PAH 8270 SIM	Total 8 RCRA Metals	Total Cyanide 9012A
18120405 001	UMW-102-WG-20181203	12/3/18, 1415	1	1	1	2	X	X	X	X	X
002	UMW-105-WG-20181205	12/5/18, 1405	1	1	1	2	X	X	X	X	X
003	UMW-~~106~~ 106R-WG-20181204	12/4/18, 1150	1	1	1	2	X	X	X	X	X
004	UMW-107R-WG-20181205	12/5/18, 0900	1	1	1	2	X	X	X	X	X
005	UMW-108-WG-20181204	12/4/18, 0935	1	1	1	2	X	X	X	X	X
006	UMW-109-WG-20181204	12/4/18, 0915	1	1	1	2	X	X	X	X	X
007	UMW-111A-WG-20181203	12/3/18, 1620	1	1	1	2	X	X	X	X	X
008	UMW-116-WG-20181204	12/4/18, 1030	1	1	1	2	X	X	X	X	X
009	UMW-117-WG-20181204	12/4/18, 1115	1	1	1	2	X	X	X	X	X
010	UMW-118-WG-20181204	12/4/18, 0830	1	1	1	2	X	X	X	X	X

Courier

Relinquished By	Date/Time	Received By	Date/Time
M. Moore (ERM)	12/6/18, 1219	Lan Nhi	12/6/18 1218
Lan Nhi	12/6/18 1346	Mary Hemp	12/6/18 1346

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

BottleOrder: 47514

CHAIN OF CUSTODY

pg. 2 of 4 Work order # 18120405

TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

Client:	ERM
Address:	2 CityPlace Drive, Suite 70
City / State / Zip	St. Louis, MO 63141
Contact:	Tom Stiegemeier
Phone:	(314) 682-3980
E-Mail:	tom.stiegemeier@erm.com
Fax:	

Samples on: ☒ ICE ☒ BLUE ICE ☐ NO ICE _____ °C

Preserved in: ☒ LAB ☒ FIELD

FOR LAB USE ONLY

Lab Notes:

Client Comments TACO Class 1 RO standards for reporting limits

Are these samples known to be involved in litigation? If yes, a surcharge will apply ☐ Yes ☒ No

Are these samples known to be hazardous? ☐ Yes ☒ No

Are there any required reporting limits to be met on the requested analysis?. If yes, please provide limits in the comment section. ☒ Yes ☐ No

Project Name/Number	Sample Collector's Name
Champaign GW	G. Moore

Results Requested

☒ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other ____ ☐ 3 Day (50% Surcharge)

Billing Instructions

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNP	HNO3	NaOH	HCl	MATRIX: Groundwater	BTEX 8260	PAH 8270 SIM	Total 8 RCRA Metals	Total Cyanide 9012A
18120405-011	UMW-119-WG-20181203	12/3/18, 1450	1	1	1	2	X	X	X	X	X
012	UMW-120-WG20181203	12/3/18, 1500	1	1	1	2	X	X	X	X	X
013	UMW-121-WG-20181205	12/5/18, 1410	1	1	1	2	X	X	X	X	X
014	UMW-122-WG-20181204	12/4/18, 1550	1	1	1	2	X	X	X	X	X
015	UMW-123-WG-20181204	12/4/18 1505	1	1	1	2	X	X	X	X	X
016	UMW-124-WG-201812_	12/5/18, 1240	1	1	1	2	X	X	X	X	X
017	UMW-125-WG-20181205	12/5/18, 0845	1	1	1	2	X	X	X	X	X
018	UMW-126-WG-20181205	12/5/18, 1015	1	1	1	2	X	X	X	X	X
019	UMW-127-WG-20181203	12/3/18, 1300	1	1	1	2	X	X	X	X	X
020	UMW-300-WG-20181203	12/3/18, 1600	1	1	1	2	X	X	X	X	X

Relinquished By	Date/Time	Received By	Date/Time
G. Moore (ERM)	12/6/18, 1216	[illegible]	12/6/18 1216
[illegible]	12/6/18 1346	Mary Kemp	12/6/18 1346

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

BottleOrder: 47514

CHAIN OF CUSTODY

pg. 3 of 4 Work order # 18120405

TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

Client:	ERM
Address:	2 CityPlace Drive, Suite 70
City / State / Zip	St. Louis, MO 63141
Contact:	Tom Stiegemeier
Phone:	(314) 682-3980
E-Mail:	tom.stiegemeier@erm.com
Fax:	

Samples on: ☒ ICE ☒ BLUE ICE ☒ NO ICE _____ °C

Preserved in: ☒ LAB ☐ FIELD

FOR LAB USE ONLY

Lab Notes:

Client Comments TACO Class 1 RO standards for reporting limits

Are these samples known to be involved in litigation? If yes, a surcharge will apply ☐ Yes ☒ No

Are these samples known to be hazardous? ☐ Yes ☒ No

Are there any required reporting limits to be met on the requested analysis?. If yes, please provide limits in the comment section. ☒ Yes ☐ No

Project Name/Number	Sample Collector's Name
Champaign GW	G. Moore

Results Requested

☒ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other _____ ☐ 3 Day (50% Surcharge)

Billing Instructions

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNP	HNO3	NaOH	HCl	MATRIX: Groundwater	BTEX 8260	PAH 8270 SIM	Total 8 RCRA Metals	Total Cyanide 9012A
18120405 021	UMW-301R-WG-20181205	12/5/18, 1010	1	1	1	2	X	X	X	X	X
022	UMW-302-WG-20181205	12/5/18, 1310	1	1	1	2	X	X	X	X	X
023	UMW-303-WG-20181204	12/4/18, 1090	1	1	1	2	X	X	X	X	X
024	UMW-304R-WG-20181203	12/3/18, 1225	1	1	1	2	X	X	X	X	X
025	UMW-305-WG-20181204	12/4/18, 1355	1	1	1	2	X	X	X	X	X
026	UMW-~~312~~ 306-WG-20181204	12/4/18, 1350	1	1	1	2	X	X	X	X	X
027	UMW-307-WG-20181204	12/4/18, 1445	1	1	1	2	X	X	X	X	X
028	UMW-308-WG-20181204	12/4/18, 1555	1	1	1	2	X	X	X	X	X
029	DUP 001-WG-20181205	12/5/18,	1	1	1	2	X	X	X	X	X
030	DUP 002-WG-20181205	12/5/18	1	1	1	2	X	X	X	X	X

Courier

Relinquished By	Date/Time	Received By	Date/Time
(ERM)	12/6/18, 1218		12/6/18 LRN 12/6/18 1218
	12/6/18 1346	Mary Kemp	12/6/18 TE 1346

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

BottleOrder: 47514

CHAIN OF CUSTODY

pg. 4 of 4 Work order # 18120405

TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

Client:	ERM
Address:	2 CityPlace Drive, Suite 70
City / State / Zip	St. Louis, MO 63141
Contact:	Tom Stiegemeier
Phone:	(314) 682-3980
E-Mail:	tom.stiegemeier@erm.com
Fax:	

Samples on: ☒ ICE ☒ BLUE ICE ☒ NO ICE _____ °C

Preserved in: ☒ LAB ☒ FIELD

FOR LAB USE ONLY

Lab Notes:

Client Comments TACO Class 1 RO standards for reporting limits

Are these samples known to be involved in litigation? If yes, a surcharge will apply ☐ Yes ☒ No

Are these samples known to be hazardous? ☐ Yes ☒ No

Are there any required reporting limits to be met on the requested analysis?. If yes, please provide limits in the comment section. ☒ Yes ☐ No

Project Name/Number	Sample Collector's Name
Champaign GW	G. Moore

Results Requested

☒ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other _____ ☐ 3 Day (50% Surcharge)

Billing Instructions

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNP	HNO3	NaOH	HCl	MATRIX: Groundwater	INDICATE ANALYSIS REQUESTED: BTEX 8260	PAH 8270 SIM	Total 8 RCRA Metals	Total Cyanide 9012A
021	DUP 003-WG-20181205	12/5/18, [redacted]	1	1	1	2	X	X	X	X	X
022	EB-01-WQ-20181205	12/5/18, 1250	1	1	1	2	X	X	X	X	X
023	TB-01-WQ-201812_					2	X	X			
024	~~MS/MSD 1~~ (MW-306-WG-20181204	12/4/18 1350	2	1	1	4	X	X	X	X	X
025	~~MS/MSD 2~~ MW-305-WG-20181204	12/4/18, 1355	2	1	1	4	X	X	X	X	X
	~~EXTRA SET 1~~ GW										
	~~EXTRA SET 2~~										
	~~MW-WW-20181205~~ TE CM 12/6/18	~~12/5/18 1430~~				2					

Courier

Relinquished By	Date/Time	Received By	Date/Time
[signature] (ERM)	12/6/18 1218	[signature]	12/6/18 1218
[signature]	12/6/18 1346	Mary Kemp	12/6/18 1346

BottleOrder: 47514