

EPA 4th Unregulated Contaminants Monitoring Rule (UCMR) Program

Salt Lake City Department of Public Utilities takes part in federal programs aimed to assist with the development and refinement of regulatory levels for possible contaminants. We recently completed monitoring for the EPA 4th Unregulated Contaminants Monitoring Rule (UCMR) program, which spanned from 2018 to 2020. The UCMR provides EPA and other interested parties with scientifically valid data on the occurrence of contaminants in drinking water. This national survey is one of the primary sources of information on occurrence and levels of exposure that EPA uses to develop regulatory decisions for contaminants in the public drinking water supply. Results from this and previous programs have not raised concerns. The table below lists the sampling results during the UCMR4 effort. Many compounds were not detected (ND) during sampling. The presence of compounds in the water does not necessarily indicate that the water poses a health risk, rather the results will allow the EPA to best assess future regulations. For more information on UCMR4, please visit <https://www.epa.gov/dwucmr/fourth-unregulated-contaminant-monitoring-rule>.

For more information on the UCMR4 sampling, please contact Arlene Larsen at 801.483.6832 or arlene.larsen@slcgov.com.

HOW TO READ THE CHART

MCL: Federal Maximum Contaminant Level: highest level of a contaminant that is allowed in drinking water

ND: Non detected: less than the analytical method can see

ppb: Parts per billion (ug/L, 1 penny in \$10 million)

Algal Toxins										
Big Cottonwood Treatment Plant- Finished Water										
Analytes	Method	*MRL (µg/L)	5/9/2018	5/23/2018	6/13/2018	6/27/2018	7/11/2018	7/25/2018	8/8/2018	8/22/2018
Total Microcystins	EPA 546	0.3 ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Anatoxin-a	EPA 545	0.03 ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Cylindrospermopsin	EPA 545	0.09 ug/L	ND	ND	ND	ND	ND	ND	ND	ND
City Creek Treatment Plant - Finished Water										
Analytes	Method	MRL (µg/L)	5/9/2018	5/23/2018	6/13/2018	6/27/2018	7/11/2018	7/25/2018	8/8/2018	8/22/2018
Total Microcystins	EPA 546	0.3 ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Anatoxin-a	EPA 545	0.03 ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Cylindrospermopsin	EPA 545	0.09 ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Parley Treatment Plant- Finished Water										
Analytes	Method	MRL (µg/L)	5/9/2018	5/23/2018	6/13/2018	6/27/2018	7/11/2018	7/25/2018	8/8/2018	8/22/2018
Total Microcystins	EPA 546	0.3 ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Anatoxin-a	EPA 545	0.03 ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Cylindrospermopsin	EPA 545	0.09 ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Note:										
* Minimum Reporting Level (MRL) - The minimum concentration that can be reported by a laboratory as a quantitated value for a method analyte. Units µg/L - Parts per billion (1 penny in \$10 million)										

Disinfection By-Products							
TP001 - Big Cottonwood Treatment Plant - Raw Water							
Analyte	Method	*MRL (µg/L)	10/2/2020	1/14/2020	4/22/2020	7/7/2020	
Total Organic Carbon	SM 5310B	1000	ND	ND	1100	ND	
Bromide	EPA 300.1	20	ND	ND	ND	ND	
TP002 - Parleys Treatment Plant - Raw Water							
Analyte	Method	MRL (µg/L)	10/2/2020	1/14/2020	4/22/2020	7/7/2020	
Total Organic Carbon	SM 5310B	1000	1700	OFF	2200	1900	
Bromide	EPA 300.1	20	21	OFF	36	27	
TP003 - City Creek Treatment Plant Raw Water							
Analyte	Method	MRL (µg/L)	10/2/2020	1/14/2020	4/22/2020	7/7/2020	
Total Organic Carbon	SM 5310B	1000	ND	ND	ND	ND	
Bromide	EPA 300.1	20	ND	ND	ND	ND	
AG Body - 1220 South Legacy View St.							
Analytes	Method	MRL (µg/L)	10/2/2019	1/14/2020	4/22/2020	7/7/2020	
Bromochloroacetic Acid	EPA 552.3	0.3	4.3	3.3	4.2	4.2	
Bromodichloroacetic Acid	EPA 552.3	0.5	4.4	3.2	2.4	3.4	
Chlorodibromoacetic Acid	EPA 552.3	0.3	0.46	0.86	0.45	0.6	
Tribromoacetic Acid	EPA 552.3	2	ND	ND	ND	ND	
Monobromoacetic Acid	EPA 552.3	0.3	ND	0.37	ND	0.38	
Dibromoacetic Acid	EPA 552.3	0.3	ND	0.87	0.56	0.48	
Dichloroacetic Acid	EPA 552.3	0.2	18	8.7	19	15	
Monochloroacetic Acid	EPA 552.3	2	2.1	ND	ND	ND	
Trichloroacetic Acid	EPA 552.3	0.5	26	8.5	11	16	
Central Utah Project (C.U.P.) - 4300 West 2100 South							

Analytes	Method	MRL (µg/L)	10/2/2019	1/14/2020	4/22/2020	7/7/2020	
Bromochloroacetic Acid	EPA 552.3	0.3	4	No Results - Off	4.4	3.4	
Bromodichloroacetic Acid	EPA 552.3	0.5	3.8	No Results - Off	2.7	3.7	
Chlorodibromoacetic Acid	EPA 552.3	0.3	0.63	No Results - Off	0.5	0.42	
Tribromoacetic Acid	EPA 552.3	2	ND	No Results - Off	ND	ND	
Monobromoacetic Acid	EPA 552.3	0.3	0.37	No Results - Off	ND	ND	
Dibromoacetic Acid	EPA 552.3	0.3	ND	No Results - Off	0.6	ND	
Dichloroacetic Acid	EPA 552.3	0.2	18	No Results - Off	19	13	
Monochloroacetic Acid	EPA 552.3	2	2.2	No Results - Off	ND	ND	
Trichloroacetic Acid	EPA 552.3	0.5	21	No Results - Off	11	15	
Airport Shuttle Bus							
Analytes	Method	MRL (µg/L)	10/2/2019	1/14/2020	4/22/2020	7/7/2020	
Bromochloroacetic Acid	EPA 552.3	0.3	2.5	3	3	4.1	
Bromodichloroacetic Acid	EPA 552.3	0.5	4	2.7	3.2	3.4	
Chlorodibromoacetic Acid	EPA 552.3	0.3	0.52	0.69	0.63	0.52	
Tribromoacetic Acid	EPA 552.3	2	ND	ND	ND	ND	
Monobromoacetic Acid	EPA 552.3	0.3	ND	0.3	ND	0.35	
Dibromoacetic Acid	EPA 552.3	0.3	ND	0.74	0.35	0.47	
Dichloroacetic Acid	EPA 552.3	0.2	12	8	14	15	
Monochloroacetic Acid	EPA 552.3	2	2.1	ND	ND	ND	
Trichloroacetic Acid	EPA 552.3	0.5	23	8	12	16	
Hampton Inn - 307 North Admiral Road							
Analytes	Method	MRL (µg/L)	10/2/2019	1/14/2020	4/22/2020	7/7/2020	
Bromochloroacetic Acid	EPA 552.3	0.3	3.9	3.7	4.1	2.5	
Bromodichloroacetic Acid	EPA 552.3	0.5	4	3.4	2.5	1.8	
Chlorodibromoacetic Acid	EPA 552.3	0.3	0.49	0.9	0.47	0.41	
Tribromoacetic Acid	EPA 552.3	2	ND	ND	ND	ND	
Monobromoacetic Acid	EPA 552.3	0.3	0.42	0.43	ND	ND	
Dibromoacetic Acid	EPA 552.3	0.3	ND	0.95	0.56	0.32	

Dichloroacetic Acid	EPA 552.3	0.2	19	9.7	18	12	
Monochloroacetic Acid	EPA 552.3	2	2.4	ND	ND	ND	
Trichloroacetic Acid	EPA 552.3	0.5	23	9.3	11	13	
Wing Point GC - 3602 West 100 North							
Analytes	Method	MRL (µg/L)	10/2/2019	1/14/2020	4/22/2020	7/7/2020	
Bromochloroacetic Acid	EPA 552.3	0.3	4.1	3	2.1	4	
Bromodichloroacetic Acid	EPA 552.3	0.5	4	2.9	3.1	3.3	
Chlorodibromoacetic Acid	EPA 552.3	0.3	0.54	0.71	0.62	0.58	
Tribromoacetic Acid	EPA 552.3	2	ND	ND	ND	ND	
Monobromoacetic Acid	EPA 552.3	0.3	0.38	ND	ND	0.37	
Dibromoacetic Acid	EPA 552.3	0.3	ND	0.75	ND	0.44	
Dichloroacetic Acid	EPA 552.3	0.2	19	7.9	11	14	
Monochloroacetic Acid	EPA 552.3	2	2.5	ND	ND	ND	
Trichloroacetic Acid	EPA 552.3	0.5	23	7.9	13	16	
Maverick - 1927 South 3200 West							
Analytes	Method	MRL (µg/L)	10/2/2019	1/14/2020	4/22/2020	7/7/2020	
Bromochloroacetic Acid	EPA 552.3	0.3	3.9	2.9	4.3	3.7	
Bromodichloroacetic Acid	EPA 552.3	0.5	3.8	2.5	2.7	3.8	
Chlorodibromoacetic Acid	EPA 552.3	0.3	0.38	0.73	0.5	0.45	
Tribromoacetic Acid	EPA 552.3	2	ND	ND	ND	ND	
Monobromoacetic Acid	EPA 552.3	0.3	0.31	0.3	ND	0.3	
Dibromoacetic Acid	EPA 552.3	0.3	ND	0.86	0.58	0.41	
Dichloroacetic Acid	EPA 552.3	0.2	18	7.1	19	14	
Monochloroacetic Acid	EPA 552.3	2	2.3	ND	ND	ND	
Trichloroacetic Acid	EPA 552.3	0.5	21	7.1	11	16	
Sapp Brothers - California Ave I-215							
Analytes	Method	MRL (µg/L)	10/2/2019	1/14/2020	4/22/2020	7/7/2020	

Bromochloroacetic Acid	EPA 552.3	0.3	4.3	3.2	3.6	3.9	
Bromodichloroacetic Acid	EPA 552.3	0.5	4.3	3	3.1	4.4	
Chlorodibromoacetic Acid	EPA 552.3	0.3	0.51	0.71	0.66	0.61	
Tribromoacetic Acid	EPA 552.3	2	ND	ND	ND	ND	
Monobromoacetic Acid	EPA 552.3	0.3	0.35	ND	ND	ND	
Dibromoacetic Acid	EPA 552.3	0.3	ND	0.85	0.54	0.41	
Dichloroacetic Acid	EPA 552.3	0.2	19	8.1	11	15	
Monochloroacetic Acid	EPA 552.3	2	2.4	ND	ND	ND	
Trichloroacetic Acid	EPA 552.3	0.5	24	8	8.9	17	
Chevron - 1881 West California Dr.							
Analytes	Method	MRL (µg/L)	10/2/2019	1/14/2020	4/22/2020	7/7/2020	
Bromochloroacetic Acid	EPA 552.3	0.3	4.2	3.2	3.5	3.9	
Bromodichloroacetic Acid	EPA 552.3	0.5	4.1	3	3	4.6	
Chlorodibromoacetic Acid	EPA 552.3	0.3	0.55	0.7	0.63	0.66	
Tribromoacetic Acid	EPA 552.3	2	ND	ND	ND	ND	
Monobromoacetic Acid	EPA 552.3	0.3	0.41	ND	ND	ND	
Dibromoacetic Acid	EPA 552.3	0.3	ND	0.83	0.56	0.42	
Dichloroacetic Acid	EPA 552.3	0.2	19	8.3	11	15	
Monochloroacetic Acid	EPA 552.3	2	2.4	ND	ND	ND	
Trichloroacetic Acid	EPA 552.3	0.5	23	8.2	8.8	17	
Common Cents - 700 North Redwood Road							
Analytes	Method	MRL (µg/L)	10/2/2019	1/14/2020	4/22/2020	7/7/2020	
Bromochloroacetic Acid	EPA 552.3	0.3	2	2.1	3.4	3.1	
Bromodichloroacetic Acid	EPA 552.3	0.5	2.5	1.8	2.4	3.1	
Chlorodibromoacetic Acid	EPA 552.3	0.3	0.38	0.36	0.46	0.62	
Tribromoacetic Acid	EPA 552.3	2	ND	ND	ND	ND	
Monobromoacetic Acid	EPA 552.3	0.3	ND	ND	ND	0.32	
Dibromoacetic Acid	EPA 552.3	0.3	ND	0.43	0.45	0.71	

Dichloroacetic Acid	EPA 552.3	0.2	13	5.7	18	11	
Monochloroacetic Acid	EPA 552.3	2	ND	ND	ND	ND	
Trichloroacetic Acid	EPA 552.3	0.5	19	6.3	12	13	
7800 South Pump Station							
Analytes	Method	MRL (µg/L)	10/2/2019	1/14/2020	4/22/2020	7/7/2020	
Bromochloroacetic Acid	EPA 552.3	0.3	3.4	2.8	2.4	1.8	
Bromodichloroacetic Acid	EPA 552.3	0.5	3.7	2.4	1.7	1.4	
Chlorodibromoacetic Acid	EPA 552.3	0.3	0.67	0.71	0.5	0.32	
Tribromoacetic Acid	EPA 552.3	2	ND	ND	ND	ND	
Monobromoacetic Acid	EPA 552.3	0.3	0.32	ND	ND	ND	
Dibromoacetic Acid	EPA 552.3	0.3	ND	0.76	0.43	0.38	
Dichloroacetic Acid	EPA 552.3	0.2	15	6.8	5.7	5.9	
Monochloroacetic Acid	EPA 552.3	2	2.1	ND	ND	ND	
Trichloroacetic Acid	EPA 552.3	0.5	16	4.8	3.4	4.4	
McDonalds - 2300 East Parleys Way							
Analytes	Method	MRL (µg/L)	10/2/2019	1/14/2020	4/22/2020	7/7/2020	
Bromochloroacetic Acid	EPA 552.3	0.3	2.4	3.4	3.3	2.2	
Bromodichloroacetic Acid	EPA 552.3	0.5	3.7	3.4	2.8	2.3	
Chlorodibromoacetic Acid	EPA 552.3	0.3	0.56	0.84	0.6	0.38	
Tribromoacetic Acid	EPA 552.3	2	ND	ND	ND	ND	
Monobromoacetic Acid	EPA 552.3	0.3	0.35	ND	ND	ND	
Dibromoacetic Acid	EPA 552.3	0.3	ND	0.83	0.46	0.4	
Dichloroacetic Acid	EPA 552.3	0.2	15	9.8	11	9.5	
Monochloroacetic Acid	EPA 552.3	2	2.2	ND	ND	ND	
Trichloroacetic Acid	EPA 552.3	0.5	26	9.9	9.1	9.3	
Utah State Health Building 46 N. Med Dr.							
Analytes	Method	MRL (µg/L)	10/2/2019	1/14/2020	4/22/2020	7/7/2020	

Bromochloroacetic Acid	EPA 552.3	0.3	2.7	2.6	2.9	2.4		
Bromodichloroacetic Acid	EPA 552.3	0.5	3.1	2.6	2.7	2.9		
Chlorodibromoacetic Acid	EPA 552.3	0.3	0.52	0.56	0.47	0.71		
Tribromoacetic Acid	EPA 552.3	2	ND	ND	ND	ND		
Monobromoacetic Acid	EPA 552.3	0.3	ND	ND	ND	ND		
Dibromoacetic Acid	EPA 552.3	0.3	ND	0.56	0.3	0.35		
Dichloroacetic Acid	EPA 552.3	0.2	16	7.8	19	12		
Monochloroacetic Acid	EPA 552.3	2	2.6	ND	ND	ND		
Trichloroacetic Acid	EPA 552.3	0.5	24	8.5	14	14		
Note:								
* Minimum Reporting Level (MRL) - The minimum concentration that can be reported by a laboratory as a quantitated value for a method analyte. Units µg/L - Parts per billion (1 penny in \$10 million)								

Metals, Pesticides, Semi-Volatiles and Alcohols						
Big Cottonwood Treatment Plant - Finished Water						
Analyte	Method	*MRL (µg/L)	12/11/2019	3/10/2020	6/10/2020	9/9/2020
Germanium	EPA 200.8	0.3	ND	ND	ND	ND
Manganese	EPA 200.8	0.4	ND	ND	ND	ND
Analyte	Method	MRL (µg/L)	12/11/2019	3/10/2020	6/10/2020	9/9/2020
a-BHC	EPA 525.3	0.01	ND	ND	ND	ND
Chlorpyrifos	EPA 525.3	0.03	ND	ND	ND	ND
Dimethipin	EPA 525.3	0.2	ND	ND	ND	ND
Ethoprop	EPA 525.3	0.03	ND	ND	ND	ND
Oxyflourofen	EPA 525.3	0.05	ND	ND	ND	ND
Profenfos	EPA 525.3	0.3	ND	ND	ND	ND
Permethrin	EPA 525.3	0.04	ND	ND	ND	ND
Tebuconazole	EPA 525.3	0.2	ND	ND	ND	ND
Tribufos	EPA 525.3	0.07	ND	ND	ND	ND
Analyte	Method	MRL (µg/L)	12/11/2019	5/20/2020	6/10/2020	9/9/2020
Butylated hydroxyanisole	EPA 530	0.03	ND	ND	ND	ND
o-Toluidine	EPA 530	0.007	ND	ND	ND	ND
Quinoline	EPA 530	0.2	ND	ND	ND	ND
Analyte	Method	MRL (µg/L)	12/11/2019	3/10/2020	6/10/2020	9/9/2020
1-Butanol	EPA 541	1.7	ND	ND	ND	ND
2-Methoxyethanol	EPA 541	0.35	ND	ND	ND	ND
2 Propen-1-ol	EPA 541	0.43	ND	ND	ND	ND
City Creek Treatment Plant - Finished Water						
Analyte	Method	MRL (µg/L)	12/11/2019	3/10/2020	6/10/2020	9/9/2020
Germanium	EPA 200.8	0.3	ND	ND	ND	ND
Manganese	EPA 200.8	0.4	ND	ND	ND	ND

Analyte	Method	MRL (µg/L)	12/11/2019	3/10/2020	6/10/2020	9/9/2020
a-BHC	EPA 525.3	0.01	ND	ND	ND	ND
Chlorpyrifos	EPA 525.3	0.03	ND	ND	ND	ND
Dimethipin	EPA 525.3	0.2	ND	ND	ND	ND
Ethoprop	EPA 525.3	0.03	ND	ND	ND	ND
Oxyflourofen	EPA 525.3	0.05	ND	ND	ND	ND
Profenfos	EPA 525.3	0.3	ND	ND	ND	ND
Permethrin	EPA 525.3	0.04	ND	ND	ND	ND
Tebuconazole	EPA 525.3	0.2	ND	ND	ND	ND
Tribufos	EPA 525.3	0.07	ND	ND	ND	ND
Analyte	Method	MRL (µg/L)	12/11/2019	5/20/2020	6/10/2020	9/9/2020
Butylated hydroxyanisole	EPA 530	0.03	ND	ND	ND	ND
o-Toluidine	EPA 530	0.007	ND	ND	ND	ND
Quinoline	EPA 530	0.2	ND	ND	ND	ND
Analyte	Method	MRL (µg/L)	12/11/2019	3/10/2020	6/10/2020	9/9/2020
1-Butanol	EPA 541	1.7	ND	ND	ND	ND
2-Methoxyethanol	EPA 541	0.35	ND	ND	ND	ND
2 Propen-1-ol	EPA 541	0.43	ND	ND	ND	ND
Parleys Treatment Plant - Finished Water						
Analyte	Method	MRL (µg/L)	12/11/2019	3/10/2020	6/10/2020	9/23/2020
Germanium	EPA 200.8	0.3	No Results - PTP Off	No Results - Plant Off	ND	ND
Manganese	EPA 200.8	0.4	No Results - PTP Off	No Results - Plant Off	0.68	2.6
Analyte	Method	MRL (µg/L)	12/11/2019	3/10/2020	6/10/2020	9/23/2020
a-BHC	EPA 525.3	0.01	No Results - PTP Off	No Results - Plant Off	ND	ND
Chlorpyrifos	EPA 525.3	0.03	No Results - PTP Off	No Results - Plant Off	ND	ND
Dimethipin	EPA 525.3	0.2	No Results - PTP Off	No Results - Plant Off	ND	ND
Ethoprop	EPA 525.3	0.03	No Results - PTP Off	No Results - Plant Off	ND	ND

Oxyflourofen	EPA 525.3	0.05	No Results - PTP Off	No Results - Plant Off	ND	ND
Profenfos	EPA 525.3	0.3	No Results - PTP Off	No Results - Plant Off	ND	ND
Permethrin	EPA 525.3	0.04	No Results - PTP Off	No Results - Plant Off	ND	ND
Tebuconazole	EPA 525.3	0.2	No Results - PTP Off	No Results - Plant Off	ND	ND
Tribufos	EPA 525.3	0.07	No Results - PTP Off	No Results - Plant Off	ND	ND
Analyte	Method	MRL (µg/L)	12/11/2019	3/10/2020	6/10/2020	9/23/2020
Butylated hydroxyanisole	EPA 530	0.03	No Results - PTP Off	No Results - Plant Off	ND	ND
o-Toluidine	EPA 530	0.007	No Results - PTP Off	No Results - Plant Off	ND	ND
Quinoline	EPA 530	0.2	No Results - PTP Off	No Results - Plant Off	ND	ND
Analyte	Method	MRL (µg/L)	12/11/2019	3/10/2020	6/10/2020	9/23/2020
1-Butanol	EPA 541	1.7	No Results - PTP Off	No Results - Plant Off	ND	ND
2-Methoxyethanol	EPA 541	0.35	No Results - PTP Off	No Results - Plant Off	ND	ND
2 Propen-1-ol	EPA 541	0.43	No Results - PTP Off	No Results - Plant Off	ND	ND
Nila Way Well						
Analyte	Method	MRL (µg/L)	3/24/2020	9/9/2020		
Germanium	EPA 200.8	0.3	ND	ND		
Manganese	EPA 200.8	0.4	8.9	ND		
Analyte	Method	MRL (µg/L)	4/15/2020	9/9/2020		
a-BHC	EPA 525.3	0.01	ND	ND		
Chlorpyrifos	EPA 525.3	0.03	ND	ND		
Dimethipin	EPA 525.3	0.2	ND	ND		
Ethoprop	EPA 525.3	0.03	ND	ND		
Oxyflourofen	EPA 525.3	0.05	ND	ND		
Profenfos	EPA 525.3	0.3	ND	ND		
Permethrin	EPA 525.3	0.04	ND	ND		
Tebuconazole	EPA 525.3	0.2	ND	ND		
Tribufos	EPA 525.3	0.07	ND	ND		

Analyte	Method	MRL (µg/L)	5/26/2020	9/9/2020		
Butylated hydroxyanisole	EPA 530	0.03	ND	ND		
o-Toluidine	EPA 530	0.007	ND	ND		
Quinoline	EPA 530	0.2	ND	ND		
Analyte	Method	MRL (µg/L)	4/15/2020	9/9/2020		
1-Butanol	EPA 541	1.7	ND	ND		
2-Methoxyethanol	EPA 541	0.35	ND	ND		
2 Propen-1-ol	EPA 541	0.43	ND	ND		
Neffs Draw Well						
Analyte	Method	MRL (µg/L)	3/24/2020			
Germanium	EPA 200.8	0.3	ND			
Manganese	EPA 200.8	0.4	37			
Analyte	Method	MRL (µg/L)	4/15/2020			
a-BHC	EPA 525.3	0.01	ND			
Chlorpyrifos	EPA 525.3	0.03	ND			
Dimethipin	EPA 525.3	0.2	ND			
Ethoprop	EPA 525.3	0.03	ND			
Oxyflourofen	EPA 525.3	0.05	ND			
Profenfos	EPA 525.3	0.3	ND			
Permethrin	EPA 525.3	0.04	ND			
Tebuconazole	EPA 525.3	0.2	ND			
Tribufos	EPA 525.3	0.07	ND			
Analyte	Method	MRL (µg/L)	4/15/2020			
Butylated hydroxyanisole	EPA 530	0.03	ND			
o-Toluidine	EPA 530	0.007	ND			
Quinoline	EPA 530	0.2	ND			
Analyte	Method	MRL (µg/L)	4/15/2020			

1-Butanol	EPA 541	1.7	ND		
2-Methoxyethanol	EPA 541	0.35	ND		
2 Propen-1-ol	EPA 541	0.43	ND		
4280 South 2700 East Well					
Analyte	Method	MRL (µg/L)	3/24/2020	9/9/2020	
Germanium	EPA 200.8	0.3	ND	ND	
Manganese	EPA 200.8	0.4	10	ND	
Analyte	Method	MRL (µg/L)	4/15/2020	9/9/2020	
a-BHC	EPA 525.3	0.01	ND	ND	
Chlorpyrifos	EPA 525.3	0.03	ND	ND	
Dimethipin	EPA 525.3	0.2	ND	ND	
Ethoprop	EPA 525.3	0.03	ND	ND	
Oxyflourofen	EPA 525.3	0.05	ND	ND	
Profenfos	EPA 525.3	0.3	ND	ND	
Permethrin	EPA 525.3	0.04	ND	ND	
Tebuconazole	EPA 525.3	0.2	ND	ND	
Tribufos	EPA 525.3	0.07	ND	ND	
Analyte	Method	MRL (µg/L)	5/26/2020	9/9/2020	
Butylated hydroxyanisole	EPA 530	0.03	ND	ND	
o-Toluidine	EPA 530	0.007	ND	ND	
Quinoline	EPA 530	0.2	ND	ND	
Analyte	Method	MRL (µg/L)	4/15/2020	9/9/2020	
1-Butanol	EPA 541	1.7	ND	ND	
2-Methoxyethanol	EPA 541	0.35	ND	ND	
2 Propen-1-ol	EPA 541	0.43	ND	ND	
4th Avenue Well					

Analyte	Method	MRL (µg/L)	3/24/2020	9/15/2020		
Germanium	EPA 200.8	0.3	ND	ND		
Manganese	EPA 200.8	0.4	0.86	0.48		
Analyte	Method	MRL (µg/L)	4/15/2020	9/15/2020		
a-BHC	EPA 525.3	0.01	ND	ND		
Chlorpyrifos	EPA 525.3	0.03	ND	ND		
Dimethipin	EPA 525.3	0.2	ND	ND		
Ethoprop	EPA 525.3	0.03	ND	ND		
Oxyflourofen	EPA 525.3	0.05	ND	ND		
Profenfos	EPA 525.3	0.3	ND	ND		
Permethrin	EPA 525.3	0.04	ND	ND		
Tebuconazole	EPA 525.3	0.2	ND	ND		
Tribufos	EPA 525.3	0.07	ND	ND		
Analyte	Method	MRL (µg/L)	6/23/2020	9/15/2020		
Butylated hydroxyanisole	EPA 530	0.03	ND	ND		
o-Toluidine	EPA 530	0.007	ND	ND		
Quinoline	EPA 530	0.2	ND	ND		
Analyte	Method	MRL (µg/L)	4/15/2020	9/15/2020		
1-Butanol	EPA 541	1.7	ND	19		
2-Methoxyethanol	EPA 541	0.35	ND	ND		
2 Propen-1-ol	EPA 541	0.43	ND	ND		
Brinton Spring Well						
Analyte	Method	MRL (µg/L)	3/24/2020	9/9/2020		
Germanium	EPA 200.8	0.3	ND	ND		
Manganese	EPA 200.8	0.4	7.4	ND		
Analyte	Method	MRL (µg/L)	4/15/2020	9/9/2020		
a-BHC	EPA 525.3	0.01	ND	ND		

Chlorpyrifos	EPA 525.3	0.03	ND	ND		
Dimethipin	EPA 525.3	0.2	ND	ND		
Ethoprop	EPA 525.3	0.03	ND	ND		
Oxyflourofen	EPA 525.3	0.05	ND	ND		
Profenfos	EPA 525.3	0.3	ND	ND		
Permethrin	EPA 525.3	0.04	ND	ND		
Tebuconazole	EPA 525.3	0.2	ND	ND		
Tribufos	EPA 525.3	0.07	ND	ND		
Analyte	Method	MRL (µg/L)	4/15/2020	9/9/2020		
Butylated hydroxyanisole	EPA 530	0.03	ND	ND		
o-Toluidine	EPA 530	0.007	ND	ND		
Quinoline	EPA 530	0.2	ND	ND		
Analyte	Method	MRL (µg/L)	4/15/2020	9/9/2020		
1-Butanol	EPA 541	1.7	ND	ND		
2-Methoxyethanol	EPA 541	0.35	ND	ND		
2 Propen-1-ol	EPA 541	0.43	ND	ND		
Edgewood Well						
Analyte	Method	MRL (µg/L)	3/24/2020	9/29/2020		
Germanium	EPA 200.8	0.3	0.41	ND		
Manganese	EPA 200.8	0.4	31	ND		
Analyte	Method	MRL (µg/L)	4/15/2020	9/29/2020		
a-BHC	EPA 525.3	0.01	ND	ND		
Chlorpyrifos	EPA 525.3	0.03	ND	ND		
Dimethipin	EPA 525.3	0.2	ND	ND		
Ethoprop	EPA 525.3	0.03	ND	ND		
Oxyflourofen	EPA 525.3	0.05	ND	ND		
Profenfos	EPA 525.3	0.3	ND	ND		
Permethrin	EPA 525.3	0.04	ND	ND		

Tebuconazole	EPA 525.3	0.2	ND	ND		
Tribufos	EPA 525.3	0.07	ND	ND		
Analyte	Method	MRL (µg/L)	4/15/2020	9/29/2020		
Butylated hydroxyanisole	EPA 530	0.03	ND	ND		
o-Toluidine	EPA 530	0.007	ND	ND		
Quinoline	EPA 530	0.2	ND	ND		
Analyte	Method	MRL (µg/L)	4/15/2020	9/29/2020		
1-Butanol	EPA 541	1.7	ND	ND		
2-Methoxyethanol	EPA 541	0.35	ND	ND		
2 Propen-1-ol	EPA 541	0.43	ND	ND		
1800 East 5900 South Well						
Analyte	Method	MRL (µg/L)	3/31/2020	3/31/2020		
Germanium	EPA 200.8	0.3	ND	ND		
Manganese	EPA 200.8	0.4	2.4	ND		
Analyte	Method	MRL (µg/L)	3/31/2020	3/31/2020		
a-BHC	EPA 525.3	0.01	ND	ND		
Chlorpyrifos	EPA 525.3	0.03	ND	ND		
Dimethipin	EPA 525.3	0.2	ND	ND		
Ethoprop	EPA 525.3	0.03	ND	ND		
Oxyflourofen	EPA 525.3	0.05	ND	ND		
Profenfos	EPA 525.3	0.3	ND	ND		
Permethrin	EPA 525.3	0.04	ND	ND		
Tebuconazole	EPA 525.3	0.2	ND	ND		
Tribufos	EPA 525.3	0.07	ND	ND		
Analyte	Method	MRL (µg/L)	3/31/2020	3/31/2020		
Butylated hydroxyanisole	EPA 530	0.03	ND	ND		

o-Toluidine	EPA 530	0.007	ND	ND		
Quinoline	EPA 530	0.2	ND	ND		
Analyte	Method	MRL (µg/L)	3/31/2020	3/31/2020		
1-Butanol	EPA 541	1.7	ND	ND		
2-Methoxyethanol	EPA 541	0.35	ND	ND		
2 Propen-1-ol	EPA 541	0.43	ND	ND		
Dyers Inn Well						
Analyte	Method	MRL (µg/L)	3/31/2020	9/29/2020		
Germanium	EPA 200.8	0.3	ND	ND		
Manganese	EPA 200.8	0.4	14	ND		
Analyte	Method	MRL (µg/L)	3/31/2020	9/29/2020		
a-BHC	EPA 525.3	0.01	ND	ND		
Chlorpyrifos	EPA 525.3	0.03	ND	ND		
Dimethipin	EPA 525.3	0.2	ND	ND		
Ethoprop	EPA 525.3	0.03	ND	ND		
Oxyflourofen	EPA 525.3	0.05	ND	ND		
Profenfos	EPA 525.3	0.3	ND	ND		
Permethrin	EPA 525.3	0.04	ND	ND		
Tebuconazole	EPA 525.3	0.2	ND	ND		
Tribufos	EPA 525.3	0.07	ND	ND		
Analyte	Method	MRL (µg/L)	3/31/2020	9/29/2020		
Butylated hydroxyanisole	EPA 530	0.03	ND	ND		
o-Toluidine	EPA 530	0.007	ND	ND		
Quinoline	EPA 530	0.2	ND	ND		
Analyte	Method	MRL (µg/L)	3/31/2020	9/29/2020		

1-Butanol	EPA 541	1.7	ND	ND		
2-Methoxyethanol	EPA 541	0.35	ND	ND		
2 Propen-1-ol	EPA 541	0.43	ND	ND		
Upper Ellison Well						
Analyte	Method	MRL (µg/L)	3/31/2020	9/9/2020		
Germanium	EPA 200.8	0.3	ND	ND		
Manganese	EPA 200.8	0.4	9.6	ND		
Analyte	Method	MRL (µg/L)	3/31/2020	9/9/2020		
a-BHC	EPA 525.3	0.01	ND	ND		
Chlorpyrifos	EPA 525.3	0.03	ND	ND		
Dimethipin	EPA 525.3	0.2	ND	ND		
Ethoprop	EPA 525.3	0.03	ND	ND		
Oxyflourofen	EPA 525.3	0.05	ND	ND		
Profenfos	EPA 525.3	0.3	ND	ND		
Permethrin	EPA 525.3	0.04	ND	ND		
Tebuconazole	EPA 525.3	0.2	ND	ND		
Tribufos	EPA 525.3	0.07	ND	ND		
Analyte	Method	MRL (µg/L)	3/31/2020	9/9/2020		
Butylated hydroxyanisole	EPA 530	0.03	ND	ND		
o-Toluidine	EPA 530	0.007	ND	ND		
Quinoline	EPA 530	0.2	ND	ND		
Analyte	Method	MRL (µg/L)	3/31/2020	9/9/2020		
1-Butanol	EPA 541	1.7	ND	ND		
2-Methoxyethanol	EPA 541	0.35	ND	ND		
2 Propen-1-ol	EPA 541	0.43	ND	ND		
13th East Well						

Analyte	Method	MRL (µg/L)	3/31/2020	9/22/2020		
Germanium	EPA 200.8	0.3	0.62	ND		
Manganese	EPA 200.8	0.4	100	ND		
Analyte	Method	MRL (µg/L)	3/31/2020	9/22/2020		
a-BHC	EPA 525.3	0.01	ND	ND		
Chlorpyrifos	EPA 525.3	0.03	ND	ND		
Dimethipin	EPA 525.3	0.2	ND	ND		
Ethoprop	EPA 525.3	0.03	ND	ND		
Oxyflourofen	EPA 525.3	0.05	ND	ND		
Profenfos	EPA 525.3	0.3	ND	ND		
Permethrin	EPA 525.3	0.04	ND	ND		
Tebuconazole	EPA 525.3	0.2	ND	ND		
Tribufos	EPA 525.3	0.07	ND	ND		
Analyte	Method	MRL (µg/L)	3/31/2020	9/22/2020		
Butylated hydroxyanisole	EPA 530	0.03	ND	ND		
o-Toluidine	EPA 530	0.007	ND	ND		
Quinoline	EPA 530	0.2	ND	ND		
Analyte	Method	MRL (µg/L)	3/31/2020	9/22/2020		
1-Butanol	EPA 541	1.7	ND	ND		
2-Methoxyethanol	EPA 541	0.35	ND	ND		
2 Propen-1-ol	EPA 541	0.43	ND	ND		
Walker Lane Well						
Analyte	Method	MRL (µg/L)	3/31/2020	9/15/2020		
Germanium	EPA 200.8	0.3	0.32	ND		
Manganese	EPA 200.8	0.4	19	ND		
Analyte	Method	MRL (µg/L)	3/31/2020	9/15/2020		
a-BHC	EPA 525.3	0.01	ND	ND		

Chlorpyrifos	EPA 525.3	0.03	ND	ND		
Dimethipin	EPA 525.3	0.2	ND	ND		
Ethoprop	EPA 525.3	0.03	ND	ND		
Oxyflourofen	EPA 525.3	0.05	ND	ND		
Profenfos	EPA 525.3	0.3	ND	ND		
Permethrin	EPA 525.3	0.04	ND	ND		
Tebuconazole	EPA 525.3	0.2	ND	ND		
Tribufos	EPA 525.3	0.07	ND	ND		
Analyte	Method	MRL (ug/L)	3/31/2020	9/15/2020		
Butylated hydroxyanisole	EPA 530	0.03	ND	ND		
o-Toluidine	EPA 530	0.007	ND	ND		
Quinoline	EPA 530	0.2	ND	ND		
Analyte	Method	MRL (µg/L)	3/31/2020	9/15/2020		
1-Butanol	EPA 541	1.7	ND	ND		
2-Methoxyethanol	EPA 541	0.35	ND	ND		
2 Propen-1-ol	EPA 541	0.43	ND	ND		
Upper Boundary						
Analyte	Method	MRL (µg/L)	3/24/2020	9/30/2020		
Germanium	EPA 200.8	0.3	ND	ND		
Manganese	EPA 200.8	0.4	ND	56		
Analyte	Method	MRL (µg/L)	4/15/2020	9/30/2020		
a-BHC	EPA 525.3	0.01	ND	ND		
Chlorpyrifos	EPA 525.3	0.03	ND	ND		
Dimethipin	EPA 525.3	0.2	ND	ND		
Ethoprop	EPA 525.3	0.03	ND	ND		
Oxyflourofen	EPA 525.3	0.05	ND	ND		
Profenfos	EPA 525.3	0.3	ND	ND		
Permethrin	EPA 525.3	0.04	ND	ND		

Tebuconazole	EPA 525.3	0.2	ND	ND		
Tribufos	EPA 525.3	0.07	ND	ND		
Analyte	Method	MRL (µg/L)	5/26/2020	9/30/2020		
Butylated hydroxyanisole	EPA 530	0.03	ND	ND		
o-Toluidine	EPA 530	0.007	ND	ND		
Quinoline	EPA 530	0.2	ND	ND		
Analyte	Method	MRL (µg/L)	5/26/2020	9/30/2020		
1-Butanol	EPA 541	1.7	ND	16		
2-Methoxyethanol	EPA 541	0.35	ND	ND		
2 Propen-1-ol	EPA 541	0.43	ND	ND		
Greenfield Village Well						
Analyte	Method	MRL (µg/L)	4/21/2020	10/20/2020		
Germanium	EPA 200.8	0.3	0.41	ND		
Manganese	EPA 200.8	0.4	31	1.1		
Analyte	Method	MRL (µg/L)	4/21/2020	10/20/2020		
a-BHC	EPA 525.3	0.01	ND	ND		
Chlorpyrifos	EPA 525.3	0.03	ND	ND		
Dimethipin	EPA 525.3	0.2	ND	ND		
Ethoprop	EPA 525.3	0.03	ND	ND		
Oxyflourofen	EPA 525.3	0.05	ND	ND		
Profenfos	EPA 525.3	0.3	ND	ND		
Permethrin	EPA 525.3	0.04	ND	ND		
Tebuconazole	EPA 525.3	0.2	ND	ND		
Tribufos	EPA 525.3	0.07	ND	ND		
Analyte	Method	MRL (µg/L)	4/21/2020	10/20/2020		
Butylated hydroxyanisole	EPA 530	0.03	ND	ND		
o-Toluidine	EPA 530	0.007	ND	ND		

Quinoline	EPA 530	0.2	ND	ND		
Analyte	Method	MRL (µg/L)	4/21/2020	10/20/2020		
1-Butanol	EPA 541	1.7	ND	1.9		
2-Methoxyethanol	EPA 541	0.35	ND	ND		
2 Propen-1-ol	EPA 541	0.43	ND	ND		
Millcreek Well						
Analyte	Method	MRL (µg/L)	10/13/2020			
Germanium	EPA 200.8	0.3	0.41			
Manganese	EPA 200.8	0.4	8.4			
Analyte	Method	MRL (µg/L)	10/13/2020			
a-BHC	EPA 525.3	0.01	ND			
Chlorpyrifos	EPA 525.3	0.03	ND			
Dimethipin	EPA 525.3	0.2	ND			
Ethoprop	EPA 525.3	0.03	ND			
Oxyflourofen	EPA 525.3	0.05	ND			
Profenfos	EPA 525.3	0.3	ND			
Permethrin	EPA 525.3	0.04	ND			
Tebuconazole	EPA 525.3	0.2	ND			
Tribufos	EPA 525.3	0.07	ND			
Analyte	Method	MRL (µg/L)	10/13/2020			
Butylated hydroxyanisole	EPA 530	0.03	ND			
o-Toluidine	EPA 530	0.007	ND			
Quinoline	EPA 530	0.2	ND			
Analyte	Method	MRL (µg/L)	10/13/2020			
1-Butanol	EPA 541	1.7	ND			
2-Methoxyethanol	EPA 541	0.35	ND			
2 Propen-1-ol	EPA 541	0.43	ND			

Note:						
* Minimum Reporting Level (MRL) - The minimum concentration that can be reported by a laboratory as a quantitated value for a method analyte. Units µg/L - Parts per billion (1 penny in \$10 million)						