

UCMR4 Summary, Monitoring Period 1: July - December 2018

Unregulated Contaminant	Detection Limit	Facilities Tested	Number of Detections	Locations With Detections	Results
Germanium	0.3	All Wells	0	None	n/a
Manganese	0.4	All Wells	18	All except #7, #9, #14, and #16	See page 3
alpha-Hexachlorocyclohexane	0.01	All Wells	0	None	n/a
Chlorpyrifos	0.03	All Wells	0	None	n/a
Dimethipin	0.2	All Wells	0	None	n/a
Ethoprop	0.03	All Wells	0	None	n/a
Oxyfluorfen	0.05	All Wells	0	None	n/a
Profenofos	0.3	All Wells	0	None	n/a
Tebuconazole	0.2	All Wells	0	None	n/a
Permethrin, cis & trans	0.04	All Wells	0	None	n/a
Tribufos	0.07	All Wells	0	None	n/a
Butylated hydroxyanisole	0.03	All Wells	0	None	n/a
o-Toluidine	0.007	All Wells	0	None	n/a
Quinoline	0.02	All Wells	0	None	n/a
1-Butanol	2.0	All Wells	1	Well 28	8.04
2-Methoxyethanol	0.4	All Wells	1	Well 26	0.537
2-Propen-1-ol	0.5	All Wells	0	None	n/a
HAA5	varies	IEM, 229	2	IEM, 229	See page 4
HAA6	varies	IEM, 229	2	IEM, 229	See page 4
HAA9	varies	IEM, 229	2	IEM, 229	See page 4
Total Organic Carbon (TOC)	1000	#7, #9, #11, #13, #15, #29, #31	0	none	n/a
Bromide	20	#7, #9, #11, #13, #15, #29, #31	5/7	#7, #9, #11, #13, #15	See page 3

* All measurements reported in µg/L or parts per billion (ppb)

UCMR4 Summary, Monitoring Period 2: February - August 2019

Unregulated Contaminant	Detection Limit	Facilities Tested	Number of Detections	Locations With Detections	Results
Germanium	0.3	All Wells	0	None	n/a
Manganese	0.4	All Wells	20	All except #9 and #14	See page 3
alpha-Hexachlorocyclohexane	0.01	All Wells	0	None	n/a
Chlorpyrifos	0.03	All Wells	0	None	n/a
Dimethipin	0.2	All Wells	0	None	n/a
Ethoprop	0.03	All Wells	0	None	n/a
Oxyfluorfen	0.05	All Wells	0	None	n/a
Profenofos	0.3	All Wells	0	None	n/a
Tebuconazole	0.2	All Wells	0	None	n/a
Permethrin, cis & trans	0.04	All Wells	0	None	n/a
Tribufos	0.07	All Wells	0	None	n/a
Butylated hydroxyanisole	0.03	All Wells	0	None	n/a
o-Toluidine	0.007	All Wells	0	None	n/a
Quinoline	0.02	All Wells	0	None	n/a
1-Butanol	2.0	All Wells	0	None	n/a
2-Methoxyethanol	0.4	All Wells	0	None	n/a
2-Propen-1-ol	0.5	All Wells	0	None	n/a
HAA5	varies	IEM, 229	1	229	See page 4
HAA6	varies	IEM, 229	1	229	See page 4
HAA9	varies	IEM, 229	1	229	See page 4
Total Organic Carbon (TOC)	1000	#7, #9, #11, #13, #15, #29, #31	0	none	n/a
Bromide	20	#7, #9, #11, #13, #15, #29, #31	6/7	#7, #9, #11, #13, #15, #29	See page 3

* All measurements reported in µg/L or parts per billion (ppb)

Sample Year	Manganese, ug/L		Bromide, ug/L		Sample Year
	2018	2019	2018	2019	
Detetction Limit	0.4		20		Detetction Limit
Well 06	0.512	0.923	n/s	n/s	Well 06
Well 07	ND	0.631	36.9	34.4	Well 07
Well 08	50.2	46.6	n/s	n/s	Well 08
Well 09	ND	ND	44.3	56.2	Well 09
Well 11	6.04	2.33	56.3	59.7	Well 11
Well 12	0.466	0.924	n/s	n/s	Well 12
Well 13	2.57	1.55	29	39.4	Well 13
Well 14	ND	ND	n/s	n/s	Well 14
Well 15	3.20	3.16	55.1	58.1	Well 15
Well 16	ND	2.89	n/s	n/s	Well 16
Well 17	30.4	29.2	n/s	n/s	Well 17
Well 18	11.1	14.4	n/s	n/s	Well 18
Well 19	45.2	39.2	n/s	n/s	Well 19
Well 20	1.00	1.24	n/s	n/s	Well 20
Well 24	28.1	28	n/s	n/s	Well 24
Well 25	4.36	3.05	n/s	n/s	Well 25
Well 26	15.7	4.42	n/s	n/s	Well 26
Well 27	34.3	31.1	n/s	n/s	Well 27
Well 28	22.1	21.9	n/s	n/s	Well 28
Well 29	1.89	0.425	ND	21.9	Well 29
Well 30	14.1	14.2	n/s	n/s	Well 30
Well 31	4.11	0.421	ND	ND	Well 31

ND - non detect (below the detection limit)

n/s - not sampled

Haloacetic Acids & Groups	Results by Location & Year				
	Detection Limit	IEM		229	
		2018	2019	2018	2019
Bromochloroacetic acid^	0.3	0.658	ND	0.629	0.912
Bromodichloroacetic acid^	0.5	0.665	ND	0.665	0.586
Chlorodibromoacetic acid^	0.3	ND	ND	0.374	0.446
Dibromoacetic acid*^	0.3	0.702	ND	0.446	0.367
Dichloroacetic acid*	0.2	0.359	ND	0.466	0.944
Monobromoacetic acid*^	0.3	ND	ND	ND	ND
Monochloroacetic acid*	2	ND	ND	ND	ND
Tribromoacetic acid^	2	ND	ND	ND	ND
Trichloroacetic acid*	0.5	ND	ND	0.628	0.558
HAA5 Group*		1.061	0	1.54	1.869
HAA6Br Group^		2.025	0	2.114	2.311
HAA9 Group		2.384	0	3.208	3.813

All measurements reported in µg/L or parts per billion (ppb)

ND - not detected (below the detection limit)

Samples collected 7/17/2018 and 2/21/2019