

Groundwater Data

Analyte	GW std	GW-1A									
		6/10/2014	7/22/2014	12/4/2014	2/13/2015	3/31/2015	5/1/2015	5/7/2015	6/17/2015	9/18/2019	6/24/2020
Aluminum, dissolved	5	0.03	0.03	0.03	0.03	0.03		0.03	0.03	0.05	0.05
Aluminum, total	N/A	4.22	1.04	2.73	0.54	0.06		0.08	0.21		
Antimony, dissolved	Report	0.0027	0.0013	0.0008	0.0009	0.0009		0.0017	0.001	0.0009	0.0007
Arsenic, dissolved	0.1	0.0027	0.0012	0.001	0.0007	0.0006		0.0008	0.001	0.0005	0.0005
Arsenic, total recoverable	N/A		0.0062	0.0156	0.0054	0.0009		0.0014	0.0023		
Barium, dissolved	Report	0.049	0.035	0.046	0.056	0.042		0.041	0.039	0.038	0.033
Beryllium, dissolved	0.1	0.00005	0.00005	0.00005	0.00005	0.00005		0.00005	0.00005	0.00008	0.00008
Bicarbonate as CaCO3	Report	45	24.3	34.9	38.2	39.6	38.9	45	39.3	33.3	32.8
Boron, dissolved	0.75	0.01	0.01	0.01	0.01	0.01		0.01	0.01	0.02	0.02
Cadmium, dissolved	0.001	0.001	0.001	0.0002	0.0002	0.0001		0.0002	0.0002	0.00017	0.00008
Cadmium, total	N/A		0.001	0.0003	0.0002	0.0001		0.0002	0.0002		
Calcium, dissolved	Report	40.7	17.1	29.2	37.2	26.9		27.1	25	23	19
Carbonate as CaCO3	Report	2	2	2	2	2	2	2	2	2	2
Cation-Anion Balance	Report	4.2	-4.3	0	0	3	0	0	-3.2	-3.4	-4
Chloride	250	1.2	0.5	0.5	0.6	0.5	0.8	0.9	0.5	0.5	0.5
Chromium, dissolved	0.1	0.0005	0.0007	0.0005	0.0005	0.0005		0.0005	0.0005	0.0005	0.0005
Chromium, Trivalent Dissolved	N/A		0.005	0.005	0.005	0.005		0.005	0.005		
Conductivity @25C	Report	260	121	199	239	175	164	170	168	152	122
Copper, dissolved	0.009	0.0017	0.0016	0.0013	0.0005	0.0014		0.001	0.001	0.0008	0.0008
Copper, total	N/A		0.01	0.02	0.01	0.01		0.01	0.01		
Cyanide, total	0.005	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Cyanide, WAD	N/A	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003		
Dissolved Chromium, Hexavalent	N/A		0.005	0.005	0.005	0.007	0.005	0.005	0.006		
Fluoride	2	0.23	0.24	0.17	0.17	0.19	0.15	0.19	0.17	0.2	0.2
Hardness as CaCO3	Report	112	49	84	107	78	74	78	72	64	54
Hydroxide as CaCO3	Report	2	2	2	2	2	2	2	2	2	2
Iron, dissolved	1	0.07	0.02	0.02	0.02	0.02		0.02	0.03	0.03	0.06
Iron, total	N/A	3.24	1.28	3.4	0.66	0.04		0.1	0.24		
Iron, total recoverable	N/A		1.1	3.77	0.91	0.04		0.09	0.23		
Lead, dissolved	0.044	0.0171	0.0011	0.0017	0.0003	0.0009		0.0004	0.0005	0.0001	0.0001
Lead, total	N/A		0.017	0.0497	0.0153	0.0024		0.0035	0.0052		
Magnesium, dissolved	Report	2.4	1.6	2.6	3.5	2.5		2.4	2.3	1.7	1.5
Manganese, dissolved	1.672	0.054	0.005	0.005	0.005	0.005		0.005	0.005	0.01	0.01
Mercury, dissolved	0.01	0.0002	0.0002	0.0002	0.0002	0.0002		0.0002	0.0002	0.0002	0.0002
Mercury, total	N/A		0.0002	0.0002	0.0002	0.0002		0.0002	0.0002		
Molybdenum, dissolved	Report	0.0174	0.0009	0.0011	0.0013	0.0014		0.0012	0.0009	0.0008	0.001
Nickel, dissolved	0.05	0.008	0.008	0.008	0.008	0.008		0.008	0.008	0.008	0.008
Nitrate/Nitrite as N	100	1.63	0.06	0.08	0.08	0.12	0.11	0.1	0.06	0.02	0.08
Oil and Grease	N/A		2.02	2	2	2	2	2	2.1		
pH	6-9	8.2	7.4	7.7	7.7	7.7	7.5	7.5	7.9	7.7	7.7
pH measured at	Report	20	20	19.5	21.6	20.8	20.6	18.9	20.3	21.3	21.5
Phosphorus, total											0.01
Phosphorus, ortho dissolved	Report	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
Potassium, dissolved	Report	1.2	0.5	0.6	0.6	0.6		0.6	0.5	0.5	0.4
Residue, Filterable (TDS)	400	170	70	122	154	94	104	156	94	88	90
Residue, Non-Filterable (TSS)	Report	19	102	50	16	5	5	5	7	5	5
Selenium, dissolved	0.005	0.0005	0.0002	0.0003	0.0004	0.0003		0.0004	0.0004	0.0002	0.0002
Silica, dissolved	Report	6.6	4.1	4.1	4.4	4.4		4.9	4.6	4.4	4.5
Silver, dissolved	0.0001	0.00008	0.00005	0.00006	0.00005	0.00005		0.00005	0.00007	0.0001	0.0001
Sodium, dissolved	Report	4.6	1.3	2	2.7	2.2		1.9	1.5	1.7	1.5
Sulfate	250	62.5	30.8	53.9	71.6	38.4	37.9	36.4	36.8	36.9	28.6
Sum of Anions	Report	2.3	1.2	1.8	2.3	1.6	1.6	1.7	1.6	1.5	1.3
Sum of Cations	Report	2.5	1.1	1.8	2.3	1.7	1.6	1.7	1.5	1.4	1.2
TDS (calculated)	Report	149	71.6	115	145	101	99.2	103	96.3	90	
TDS (ratio - measured/calculated)	Report	1.14	0.98	1.06	1.06	0.93	1.05	1.51	0.98	0.98	1.17
Thallium, dissolved	Report	0.0001	0.0001	0.0001	0.0001	0.0001		0.0001	0.0001	0.0001	0.0001
Total Alkalinity	Report	45	24.3	34.9	38.2	39.6	38.9	45	39.3	33.3	32.8
Uranium, dissolved	Report	0.0002	0.0001	0.0003	0.0001	0.0001		0.0001	0.0001	0.0001	0.0001
Vanadium, dissolved	0.1	0.005	0.005	0.005	0.005	0.005		0.005	0.005	0.005	0.01
Zinc, dissolved	0.713	0.04	0.05	0.08	0.08	0.06		0.06	0.16	0.1	0.05
Zinc, total	N/A		0.07	0.12	0.08	0.06	0.06	0.07	0.08		

Notes:

Bold indicates groundwater standard exceedance.

Blank indicates analyses not performed.

All non-detects included at MDL value.



Groundwater Data

Analyte	GW std	GW-1B												
		6/10/2014	7/22/2014	12/4/2014	2/13/2015	3/31/2015	5/1/2015	5/7/2015	6/17/2015	9/18/2019	6/24/2020	9/1/2020	9/24/2020	11/12/2020
Aluminum, dissolved	5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.05	0.05		0.05	0.05
Aluminum, total	N/A	0.42	0.24	1.06	0.07	0.07	0.08	0.07	0.1					
Antimony, dissolved	Report	0.0009	0.0011	0.0008	0.0008	0.0009	0.0011	0.0013	0.001	0.0009	0.0005		0.00091	0.00101
Arsenic, dissolved	0.1	0.0007	0.0005	0.0006	0.0004	0.0004	0.0006	0.0006	0.0006	0.0004	0.0002		0.00051	0.00062
Arsenic, total recoverable	N/A		0.001	0.0032	0.0006	0.0007	0.0009	0.0007	0.0009					
Barium, dissolved	Report	0.05	0.039	0.047	0.059	0.047	0.043	0.046	0.043	0.039	0.055		0.0462	0.0572
Beryllium, dissolved	0.1	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00008	0.00008		0.00008	0.00008
Bicarbonate as CaCO3	Report	30	27	35.4	37.4	41.2	41.4	44.1	40.6	29.7	29.4		52.8	34.5
Boron, dissolved	0.75	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02		0.02	0.02
Cadmium, dissolved	0.001	0.001	0.001	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.00012	0.0002		0.000155	0.000125
Cadmium, total	N/A		0.001	0.0002	0.0005	0.0001	0.0002	0.0001	0.0001					
Calcium, dissolved	Report	35.9	18.8	28.2	36.6	27.3	25.5	26.7	25.2	22.2	28.6	28.6		34.9
Carbonate as CaCO3	Report	2	2	2	2	2	2	2	2	2	2		2	2
Cation-Anion Balance	Report	2.3	0	-2.9	0	0	0	0	-3.2	-7.1	-2.9		-10.5	-2.3
Chloride	250	1.6	0.5	0.5	0.6	0.5	1	0.8	0.5	0.5	0.5		0.5	0.6
Chromium, dissolved	0.1	0.0008	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005		0.0005	0.0005
Chromium, Trivalent Dissolved	N/A		0.005	0.005	0.005	0.005	0.005	0.005	0.005					
Conductivity @25C	Report	38	123	191	235	178	161	171	168	150	186		187	210
Copper, dissolved	0.009	0.0028	0.0006	0.0012	0.0005	0.001	0.0007	0.0007	0.001	0.0008	0.0008		0.0008	0.001
Copper, total	N/A		0.01	0.01	0.01	0.01	0.01	0.01	0.01					
Cyanide, total	0.005	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003		0.003	0.003
Cyanide, WAD	N/A	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003					
Dissolved Chromium, Hexavalent	N/A		0.005	0.005	0.005	0.007	0.005	0.005	0.006					
Fluoride	2	0.27	0.23	0.16	0.15	0.17	0.16	0.18	0.16	0.2	0.2		0.2	0.17
Hardness as CaCO3	Report	98	54	81	105	79	73	77	72	62	81		81	100
Hydroxide as CaCO3	Report	2	2	2	2	2	2	2	2	2	2		2	2
Iron, dissolved	1	0.06	0.02	0.02	0.02	0.02	0.02	0.02	0.07	0.03	0.06		0.06	0.06
Iron, total	N/A	0.99	0.28	1.39	0.07	0.06	0.08	0.05	0.1					
Iron, total recoverable	N/A		0.21	1.4	0.08	0.06	0.06	0.03	0.15					
Lead, dissolved	0.044	0.0057	0.0003	0.0016	0.0001	0.0021	0.0004	0.0006	0.0011	0.0001	0.0001		0.00022	0.00012
Lead, total	N/A		0.0037	0.0124	0.0015	0.0016	0.0162	0.0037	0.0022					
Magnesium, dissolved	Report	2.1	1.7	2.6	3.4	2.5	2.3	2.4	2.3	1.7	2.3		2.33	3.07
Manganese, dissolved	1.672	0.027	0.009	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.01		0.01	0.01
Mercury, dissolved	0.01	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002		0.0002	0.0002
Mercury, total	N/A		0.0002	0.0002	0.001	0.0002	0.0002	0.0002	0.0002					
Molybdenum, dissolved	Report	0.004	0.0012	0.0008	0.0011	0.0013	0.0012	0.0011	0.001	0.0009	0.0006		0.00327	0.00138
Nickel, dissolved	0.05	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008		0.008	0.008
Nitrate/Nitrite as N	100	1.09	0.07	0.09	0.08	0.11	0.1	0.12	0.1	0.02	0.15		0.03	0.098
Oil and Grease	N/A		2.02	2	2	2	2	2	2					
pH	6-9	8	7.5	7.7	7.7	7.7	7.6	7.5	8	7.7	7.5		7.4	7.8
pH measured at	Report	20	21	19.5	21.1	20.8	20.5	18.9	20.3	21.2	21.5		20.4	21.3
Phosphorus, total														
Phosphorus, ortho dissolved	Report	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01		0.01	0.01
Potassium, dissolved	Report	1.3	0.5	0.6	0.6	0.6	0.5	0.6	0.5	0.4	0.5		0.44	0.46
Residue, Filterable (TDS)	400	150	70	108	152	96	98	114	90	88	136		118	148
Residue, Non-Filterable (TSS)	Report	9	8	7	5	5	5	5	13	5	5		5	10
Selenium, dissolved	0.005	0.0005	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0002	0.0002		0.00027	0.00041
Silica, dissolved	Report	5.6	4.4	4.3	4.5	4.4	4.7	4.8	4.5	4.5	5.6		4.4	4.3
Silver, dissolved	0.0001	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.0001	0.0001		0.0001	0.0001
Sodium, dissolved	Report	4.6	1.4	1.9	2.6	2.2	2	1.9	1.6	1.6	1.9		2.04	2.74
Sulfate	250	68.7	29.7	49.7	67	39.1	36.6	32.9	38.1	41.4	55.2		49.9	69.2
Sum of Anions	Report	2.1	1.2	1.8	2.2	1.7	1.6	1.6	1.6	1.5	1.8		2.1	2.2
Sum of Cations	Report	2.2	1.2	1.7	2.2	1.7	1.6	1.6	1.5	1.3	1.7		1.7	2.1
TDS (calculated)	Report	140	74.4	110	140	103	99.3	98.5	98.5	91.4	114		121	138
TDS (ratio - measured/calculated)	Report	1.07	0.94	0.98	1.09	0.93	0.99	1.16	0.91	0.96	1.19		0.98	1.07
Thallium, dissolved	Report	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001		0.0001	0.0001
Total Alkalinity	Report	30	27	35.4	37.4	41.2	41.4	44.1	40.6	29.7	29.4		52.8	34.5
Uranium, dissolved	Report	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001		0.0001	0.0001
Vanadium, dissolved	0.1	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01		0.01	0.01
Zinc, dissolved	0.713	0.06	0.05	0.08	0.08	0.05	0.06	0.06	0.08	0.06	0.29		0.054	0.052
Zinc, total	N/A		0.05	0.1	0.08	0.05	0.06	0.07	0.07					

Notes:

Bold indicates groundwater standard exceedance.

Blank indicates analyses not performed.

All non-detects included at MDL value.

Groundwater Data

Analyte	GW std	GW-2A														
		6/10/2014	7/22/2014	12/4/2014	2/13/2015	3/31/2015	5/1/2015	5/7/2015	6/16/2015	9/16/2015	12/10/2015	3/10/2016	6/15/2016	8/24/2016	11/10/2016	6/13/2017
Aluminum, dissolved	5	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03
Aluminum, total	N/A	0.94	5.12	3.38	0.09	0.03	0.57	0.18	0.69	0.03	0.05	0.03	0.09	0.44	0.03	
Antimony, dissolved	Report	0.0022	0.0013	0.001	0.0008	0.0008	0.001	0.0011	0.0011	0.0009	0.0012	0.0008	0.0011	0.0016	0.0012	0.0011
Arsenic, dissolved	0.1	0.0011	0.0005	0.0005	0.0003	0.0002	0.0004	0.0003	0.0003	0.0003	0.0003	0.0002	0.0003	0.0005	0.0003	0.0002
Arsenic, total recoverable	N/A		0.031	0.0125	0.0006	0.0003	0.0025	0.001	0.0027	0.0004	0.0006	0.0004	0.0006	0.0015	0.0004	
Barium, dissolved	Report	0.05	0.051	0.053	0.054	0.057	0.056	0.058	0.042	0.042	0.039	0.047	0.039	0.057	0.045	0.04
Beryllium, dissolved	0.1	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005
Bicarbonate as CaCO3	Report	26	27.3	26.9	26.4	27	27.8	28.9	26.2	25.4	26.8	37.7	25.3	30.2	24.3	25.7
Boron, dissolved	0.75	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Cadmium, dissolved	0.001	0.001	0.001	0.0007	0.001	0.0005	0.0007	0.0008	0.0006	0.0006	0.0006	0.0005	0.0005	0.0007	0.0006	0.0005
Cadmium, total	N/A		0.0014	0.001	0.0006	0.0007	0.0008	0.0008	0.0006	0.0006	0.0006	0.0006	0.0005	0.0008	0.0006	
Calcium, dissolved	Report	29	25.6	28.2	32.2	33.2	33.8	37	25.5	25	24.6	30.8	24.3	29.1	24.9	22.7
Carbonate as CaCO3	Report	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Cation-Anion Balance	Report	2.9	-3	0	2.6	0	0	-2.2	0	3.2	-3.2	-7.3	3.4	-2.7	0	0
Chloride	250	0.8	0.5	0.8	0.5	0.5	0.8	0.8	0.5	0.6	0.9	0.5	0.5	0.8	2.1	0.7
Chromium, dissolved	0.1	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Chromium, Trivalent Dissolved	N/A		0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	
Conductivity @25C	Report	197	170	187	209	215	215	232	181	169	172	239	175	210	177	160
Copper, dissolved	0.009	0.0043	0.0014	0.0008	0.0005	0.0008	0.001	0.0006	0.0008	0.0005	0.0005	0.0005	0.0007	0.0013	0.0005	0.0008
Copper, total	N/A		0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
Cyanide, total	0.005	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Cyanide, WAD	N/A	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	
Dissolved Chromium, Hexavalent	N/A		0.005	0.005	0.005	0.006	0.006	0.005	0.006	0.005	0.005	0.005	0.005	0.005	0.005	
Fluoride	2	0.35	0.28	0.25	0.19	0.21	0.21	0.21	0.24	0.23	0.2	0.26	0.25	0.22	0.28	0.29
Hardness as CaCO3	Report	84	73	80	92	94	95	105	73	71	69.7	88	69	82	70	65
Hydroxide as CaCO3	Report	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Iron, dissolved	1	0.1	0.02	0.03	0.02	0.02	0.02	0.02	0.03	0.02	0.04	0.02	0.02	0.02	0.02	0.02
Iron, total	N/A	1.41	9.45	4.34	0.08	0.02	0.61	0.2	0.72	0.02	0.08	0.02	0.1	0.32	0.02	
Iron, total recoverable	N/A		9.2	4.32	0.1	0.02	0.57	0.19	0.68	0.02	0.08	0.03	0.12	0.31	0.04	
Lead, dissolved	0.044	0.0348	0.0031	0.0037	0.0007	0.003	0.001	0.0009	0.0023	0.0007	0.0003	0.0004	0.0012	0.0096	0.0004	0.0007
Lead, total	N/A		0.4143	0.12	0.0028	0.0006	0.0193	0.0082	0.0223	0.0011	0.0019	0.0011	0.0042	0.0197	0.0017	
Magnesium, dissolved	Report	2.7	2.3	2.3	2.7	2.7	2.6	3	2.3	2.1	2	2.6	1.9	2.3	1.8	1.9
Manganese, dissolved	1.672	0.038	0.02	0.007	0.005	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.009	0.005	0.005
Mercury, dissolved	0.01	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Mercury, total	N/A		0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0002	0.0002	0.0002	0.0002	
Molybdenum, dissolved	Report	0.0024	0.0016	0.001	0.0008	0.001	0.0009	0.0008	0.0009	0.0009	0.001	0.001	0.0009	0.0014	0.0008	0.0009
Nickel, dissolved	0.05	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
Nitrate/Nitrite as N	100	0.44	0.13	0.13	0.11	0.25	0.44	0.62	0.22	0.14	0.15	0.21	0.21	0.13	0.16	0.18
Oil and Grease	N/A		2.02	2	2	2	2	2	2	3.2	2.8	2	2	2		
pH	6-9	7.6	7.4	7.3	7.3	7.3	7.1	7.1	7.7	7.5	7.6	7.8	7.7	7.6	7.5	7.3
pH measured at	Report	20	21	19.6	21.1	20.3	20.1	18.4	19.7	19.3	22.2	23.2	21.6	23.7	22.6	20.5
Phosphorus, total																
Phosphorus, ortho dissolved	Report	0.01	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02
Potassium, dissolved	Report	0.8	0.7	0.6	0.7	0.7	0.6	0.6	0.6	1.4	0.6	0.7	0.4	1.3	0.4	0.5
Residue, Filterable (TDS)	400	120	100	116	134	124	136	150	108	98	94	124	106	134	88	82
Residue, Non-Filterable (TSS)	Report	30	177	57	5	5	8	5	5	5	5	5	5	5	5	5
Selenium, dissolved	0.005	0.0002	0.0001	0.0003	0.0003	0.0005	0.0005	0.0004	0.0002	0.0002	0.0005	0.0004	0.0001	0.0002	0.0003	0.0002
Silica, dissolved	Report	5.3	5.2	6.4	5.4	4.9	5.3	5.7	5.2	5.9	5.2	4.5	4.7	5.6	5.8	4.9
Silver, dissolved	0.0001	0.00005	0.00005	0.00005	0.00005	0.00015	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00007	0.00005	0.00005
Sodium, dissolved	Report	2.5	1.8	1.7	1.8	1.9	1.9	2	1.7	1.7	1.7	2.1	1.5	3.2	3.5	1.5
Sulfate	250	55.2	55	53.8	64.3	67.7	66.8	78.8	52.6	46.3	47.1	66.1	42.9	62.1	49.3	39
Sum of Anions	Report	1.7	1.7	1.7	1.9	2	2	2.3	1.6	1.5	1.6	2.2	1.4	1.9	1.6	1.4
Sum of Cations	Report	1.8	1.6	1.7	2	2	2	2.2	1.6	1.6	1.5	1.9	1.5	1.8	1.6	1.4
TDS (calculated)	Report	115	109	113	125	130	131	148	106	101	101	132	93.5	125	105	88.9
TDS (ratio - measured/calculated)	Report	1.04	0.92	1.03	1.07	0.95	1.04	1.01	1.02	0.97	0.93	0.94	1.13	1.07	0.84	0.92
Thallium, dissolved	Report	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Total Alkalinity	Report	26	27.3	26.9	26.4	27	27.8	28.9	26.2	25.4	26.8	37.7	25.3	30.2	24.3	25.7
Uranium, dissolved	Report	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Vanadium, dissolved	0.1	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Zinc, dissolved	0.713	0.43	0.37	0.52	0.57	0.6	0.58	0.66	0.45	0.5	0.45	0.47	0.39	0.52	0.47	0.4
Zinc, total	N/A		0.72	0.65	0.56	0.59	0.61	0.68	0.51	0.49	0.48	0.51	0.42	0.55	0.5	

Notes:
Bold indicates groundwater standard exceedance.

Blank indicates analyses not performed.

All non-detects included at MDL value.

Groundwater Data

Analyte	GW std	GW-2A (continued)												
		9/27/2017	11/9/2017	3/14/2018	5/9/2018	7/25/2018	12/11/2018	1/29/2019	6/25/2019	9/16/2019	11/12/2019	6/24/2020	9/24/2020	11/12/2020
Aluminum, dissolved	5	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.05	0.05	0.05	0.05	0.05	0.05
Aluminum, total	N/A													
Antimony, dissolved	Report	0.0009	0.0009	0.001	0.0008	0.0013	0.001	0.0009	0.0011	0.001	0.0008	0.0008	0.00101	0.00102
Arsenic, dissolved	0.1	0.0005	0.0003	0.0007	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.00032	0.00042
Arsenic, total recoverable	N/A													
Barium, dissolved	Report	0.044	0.046	0.062	0.053	0.049	0.045	0.053	0.042	0.045	0.046	0.038	0.0508	0.0548
Beryllium, dissolved	0.1	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00008	0.00008	0.00008	0.00008	0.00008	0.00008	0.00008
Bicarbonate as CaCO3	Report	24.7	25.4	28.7	29.2	27.5	31	28.7	37.6	29.3	35.3	25.7	27.6	25.2
Boron, dissolved	0.75	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02
Cadmium, dissolved	0.001	0.0006	0.0005	0.0008	0.0007	0.0006	0.00053	0.00056	0.00045	0.00062	0.00054	0.00042	0.00061	0.000631
Cadmium, total	N/A													
Calcium, dissolved	Report	22.5	24	33	34.2	24.6	28.2	30.4	28.4	27	25.4	20.6	28.7	28.5
Carbonate as CaCO3	Report	2	2	2	2	2	2	2	10	2	2	2	2	2
Cation-Anion Balance	Report	0	0	0	-2.3	0	-2.9	-2.7	-2.9	0	-9.1	4	0	0
Chloride	250	0.5	0.5	0.6	0.5	0.5	0.5	0.5	0.6	0.5	0.7	0.5	0.5	0.5
Chromium, dissolved	0.1	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.00252	0.0005
Chromium, Trivalent Dissolved	N/A													
Conductivity @25C	Report	156	159	233	223	177	185	209	184	181	173	135	190	193
Copper, dissolved	0.009	0.0008	0.0006	0.0037	0.0004	0.0008	0.0018	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.00087
Copper, total	N/A													
Cyanide, total	0.005	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Cyanide, WAD	N/A													
Dissolved Chromium, Hexavalent	N/A													
Fluoride	2	0.21	0.18	0.2	0.09	0.22	0.28	0.21	0.2	0.2	0.2	0.2	0.2	0.23
Hardness as CaCO3	Report	64	67	93	97	69	80	86	80	76	71	58	80	80
Hydroxide as CaCO3	Report	2	2	2	2	2	2	2	10	2	2	2	2	2
Iron, dissolved	1	0.03	0.02	0.17	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.06	0.06	0.06
Iron, total	N/A													
Iron, total recoverable	N/A													
Lead, dissolved	0.044	0.0022	0.0006	0.005	0.0006	0.0028	0.0004	0.0002	0.0003	0.0005	0.0001	0.0003	0.00037	0.00014
Lead, total	N/A													
Magnesium, dissolved	Report	1.8	1.8	2.5	2.7	1.9	2.3	2.4	2.1	2	1.9	1.6	2.05	2.19
Manganese, dissolved	1.672	0.005	0.005	0.012	0.005	0.005	0.005	0.005	0.01	0.01	0.01	0.01	0.01	0.01
Mercury, dissolved	0.01	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Mercury, total	N/A													
Molybdenum, dissolved	Report	0.0007	0.0007	0.001	0.0007	0.0008	0.0011	0.0011	0.001	0.0008	0.0025	0.0008	0.00127	0.0009
Nickel, dissolved	0.05	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
Nitrate/Nitrite as N	100	0.13	0.15	0.16	0.35	0.14	0.19	0.16	0.22	0.11	0.06	0.14	0.14	0.127
Oil and Grease	N/A													
pH	6-9	7.3	7.6	7.6	7.5	7.4	7.6	7.6	7.7	7.4	7.4	7.4	7	7.4
pH measured at	Report	22.2	21.4	23.5	21	21	22.5	22.4		20.5	21.9	21.4	20.4	21
Phosphorus, total														
Phosphorus, ortho dissolved	Report	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01
Potassium, dissolved	Report	0.5	0.4	0.5	0.7	0.4	0.5	0.4	0.3	0.7	0.4	0.4	0.48	0.52
Residue, Filterable (TDS)	400	88	100	150	144	104	126	146	114	110	114	106	114	118
Residue, Non-Filterable (TSS)	Report	5	5	338	5	5	5	5	5	5	5	5	5	5
Selenium, dissolved	0.005	0.0002	0.0003	0.0005	0.0004	0.0003	0.0003	0.0004	0.0004	0.0002	0.0003	0.0001	0.00026	0.00039
Silica, dissolved	Report	6	5.9	4.6	5.1	5.4	5.1	4.6	5.1	5.6	5.9	4.8	5.6	5.4
Silver, dissolved	0.0001	0.00005	0.00005	0.00005	0.00005	0.00005	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Sodium, dissolved	Report	1.6	1.6	2	2	2.2	2.1	2	2.5	2.1	1.7	1.5	2.01	2.03
Sulfate	250	42.4	42.3	65.8	74.3	45.8	53.5	64.5	50	49.6	52	32.5	55.9	57.7
Sum of Anions	Report	1.4	1.4	2	2.2	1.5	1.8	1.9	1.8	1.6	1.8	1.2	1.7	1.7
Sum of Cations	Report	1.4	1.4	2	2.1	1.5	1.7	1.8	1.7	1.6	1.5	1.3	1.7	1.7
TDS (calculated)	Report	92.2	93.7	129	139	99.2	113	124	114	107	112	78.9	114	114
TDS (ratio - measured/calculated)	Report	0.95	1.07	1.16	1.04	1.05	1.12	1.18	1	1.03	1.02	1.34	1	1.04
Thallium, dissolved	Report	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Total Alkalinity	Report	24.7	25.4	28.7	29.2	27.5	31	28.7	37.6	29.3	35.3	25.7	27.6	25.2
Uranium, dissolved	Report	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.002	0.0001	0.0001	0.0001
Vanadium, dissolved	0.1	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.01	0.01
Zinc, dissolved	0.713	0.45	0.47	0.55	0.61	0.46	0.45	0.44	0.39	0.45	0.48	0.35	0.526	0.512
Zinc, total	N/A													

Notes:

Bold indicates groundwater standard exceedance.

Blank indicates analyses not performed.

All non-detects included at MDL value.



Groundwater Data

Analyte	GW std	GW-2B														
		6/10/2014	7/22/2014	12/4/2014	2/13/2015	3/31/2015	5/1/2015	5/7/2015	6/16/2015	9/16/2015	12/10/2015	3/10/2016	6/15/2016	8/24/2016	11/10/2016	6/13/2017
Aluminum, dissolved	5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03
Aluminum, total	N/A	0.57	1.62	0.85	0.06	0.03	0.05	0.06	0.04	0.03	0.03	0.21	0.03	0.06	0.03	
Antimony, dissolved	Report	0.0008	0.0007	0.0007	0.0007	0.0007	0.0008	0.0008	0.0009	0.0008	0.0009	0.0007	0.0008	0.001	0.001	0.0007
Arsenic, dissolved	0.1	0.0002	0.0005	0.0006	0.0003	0.0004	0.0002	0.0003	0.0006	0.0003	0.0002	0.0002	0.0002	0.0004	0.001	0.0002
Arsenic, total recoverable	N/A		0.0067	0.0031	0.0005	0.0003	0.0004	0.0005	0.0006	0.0004	0.0002	0.0008	0.0003	0.0005	0.0003	
Barium, dissolved	Report	0.07	0.067	0.057	0.062	0.063	0.062	0.06	0.062	0.048	0.045	0.057	0.061	0.054	0.052	0.062
Beryllium, dissolved	0.1	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005
Bicarbonate as CaCO3	Report	31	35.2	30.7	28.8	28.2	29.1	29.8	31.1	28.6	28	32.2	30.7	30.1	27.9	28.9
Boron, dissolved	0.75	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Cadmium, dissolved	0.001	0.001	0.001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Cadmium, total	N/A		0.001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0003	0.0002	0.0005	0.0005	0.0002	0.0002	0.0002	
Calcium, dissolved	Report	38.9	34.7	27.8	31.2	31.9	31.1	31.4	31.9	24.6	24.4	29.5	34.3	28.2	25.3	30.7
Carbonate as CaCO3	Report	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Cation-Anion Balance	Report	0	-12.5	0	2.7	0	2.7	0	-2.6	0	0	-5.3	-2.4	3	0	0
Chloride	250	0.7	0.5	0.5	0.5	0.5	0.9	0.7	0.5	0.6	0.8	0.5	0.5	0.5	0.5	0.7
Chromium, dissolved	0.1	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.003	0.0005
Chromium, Trivalent Dissolved	N/A		0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	
Conductivity @25C	Report	248	217	186	205	207	199	200	212	163	172	216	223	191	174	204
Copper, dissolved	0.009	0.0007	0.0008	0.0009	0.0005	0.0013	0.0009	0.0005	0.0009	0.0007	0.0005	0.0005	0.0005	0.0005	0.003	0.0004
Copper, total	N/A		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
Cyanide, total	0.005		0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Cyanide, WAD	N/A		0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	
Dissolved Chromium, Hexavalent	N/A		0.005	0.005	0.005	0.005	0.008	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	
Fluoride	2	0.27	0.27	0.24	0.19	0.19	0.21	0.21	0.2	0.22	0.18	0.23	0.25	0.21	0.28	0.24
Hardness as CaCO3	Report	109	98	79	89	91	88	89	91	71	69.6	84	97	80	71	87
Hydroxide as CaCO3	Report	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Iron, dissolved	1	0.02	0.04	0.04	0.02	0.02	0.02	0.02	0.06	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Iron, total	N/A	0.73	2.4	1.09	0.05	0.02	0.06	0.06	0.06	0.02	0.02	0.18	0.04	0.08	0.05	
Iron, total recoverable	N/A		2.39	1.1	0.06	0.02	0.04	0.04	0.05	0.02	0.02	0.21	0.1	0.08	0.05	
Lead, dissolved	0.044		0.0004	0.001	0.0015	0.0003	0.0001	0.0003	0.0007	0.0027	0.0003	0.0001	0.0001	0.0003	0.0001	0.0001
Lead, total	N/A		0.0147	0.0071	0.002	0.0002	0.0011	0.0023	0.005	0.0007	0.0005	0.001	0.0003	0.0006	0.0001	
Magnesium, dissolved	Report	3	2.8	2.3	2.7	2.7	2.6	2.6	2.8	2.2	2.1	2.6	2.7	2.3	1.8	2.6
Manganese, dissolved	1.672	0.008	0.048	0.005	0.005	0.005	0.005	0.005	0.007	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Mercury, dissolved	0.01	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Mercury, total	N/A		0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	
Molybdenum, dissolved	Report	0.0009	0.0011	0.0009	0.0006	0.0007	0.0007	0.0007	0.0007	0.0006	0.0007	0.0007	0.0008	0.0008	0.0008	0.0006
Nickel, dissolved	0.05	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
Nitrate/Nitrite as N	100	0.29	0.15	0.11	0.12	0.15	0.16	0.18	0.23	0.12	0.15	0.21	0.28	0.12	0.16	0.21
Oil and Grease	N/A		2.02	2	2	2	2	2	2	2	2	2	2	2	2	
pH	6-9	7.7	7.4	7.5	7.4	7.3	7.1	7.1	7.8	7.6	7.6	7.5	7.8	7.7	7.6	7.3
pH measured at	Report	20	21	19.5	21.4	20.5	19.6	18.3	19.8	19.2	22.1	22.7	23.2	23.8	22.7	20.5
Phosphorus, total																
Phosphorus, ortho dissolved	Report	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02
Potassium, dissolved	Report	0.7	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.7	0.6	0.7	0.5	0.5	0.3	0.6
Residue, Filterable (TDS)	400	160	130	112	126	120	120	190	124	92	94	120	146	116	102	120
Residue, Non-Filterable (TSS)	Report	5	13	12	5	5	5	5	5	5	5	5	5	5	5	5
Selenium, dissolved	0.005	0.0003	0.0002	0.0002	0.0003	0.0004	0.0005	0.0004	0.0003	0.0002	0.0003	0.0004	0.0002	0.0002	0.0002	0.0002
Silica, dissolved	Report	5.7	6	6.2	5.7	5.2	5.3	5.4	5.6	6.1	5.5	4.8	5.5	5.9	6.1	5.7
Silver, dissolved	0.0001	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005
Sodium, dissolved	Report	2.5	2.2	1.8	2	1.8	1.9	1.8	1.8	1.6	1.6	1.8	1.9	1.7	2.3	1.8
Sulfate	250	76.3	95.8	49.1	59.8	63.4	57.2	61.8	66.5	43	43.3	62.8	68.7	48.3	43.9	61.1
Sum of Anions	Report	2.3	2.7	1.7	1.8	1.9	1.8	1.9	2	1.5	1.5	2	2.1	1.6	1.5	1.9
Sum of Cations	Report	2.3	2.1	1.7	1.9	1.9	1.9	1.9	1.9	1.5	1.5	1.8	2	1.7	1.5	1.9
TDS (calculated)	Report	149	166	109	122	125	119	124	130	98.4	97.3	124	134	108	98.9	123
TDS (ratio - measured/calculated)	Report	1.07	0.78	1.03	1.03	0.96	1.01	1.53	0.95	0.93	0.97	0.97	1.09	1.07	1.03	0.98
Thallium, dissolved	Report	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002
Total Alkalinity	Report	31	35.2	30.7	28.8	28.2	29.1	29.8	31.1	28.6	28	32.2	30.7	30.1	27.9	28.9
Uranium, dissolved	Report	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Vanadium, dissolved	0.1	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Zinc, dissolved	0.713	0.31	0.26	0.27	0.3	0.31	0.3	0.31	0.33	0.26	0.24	0.28	0.31	0.26	0.25	0.31
Zinc, total	N/A		0.3	0.29	0.3	0.32	0.31	0.32	0.34	0.26	0.26	0.3	0.32	0.27	0.26	

Notes:
Bold indicates groundwater standard exceedance.
Blank indicates analyses not performed.
All non-detects included at MDL value.

Groundwater Data

Analyte	GW std	GW-28 (continued)													
		9/27/2017	11/9/2017	3/14/2018	5/9/2018	5/14/2018	7/25/2018	12/11/2018	1/29/2019	6/25/2019	9/16/2019	11/12/2019	6/24/2020	9/24/2020	11/12/2020
Aluminum, dissolved	5	0.04	0.03	0.05	0.03	0.03	0.03	0.03	0.03	0.05	0.05	0.05	0.05	0.05	0.05
Aluminum, total	N/A														
Antimony, dissolved	Report	0.0007	0.0007	0.0036	0.0008	0.001	0.0008	0.0008	0.0011	0.001	0.001	0.0008	0.0008	0.00081	0.0011
Arsenic, dissolved	0.1	0.0004	0.0002	0.0007	0.0002	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0003	0.0007	0.00028	0.00032
Arsenic, total recoverable	N/A														
Barium, dissolved	Report	0.048	0.049	0.053	0.065	0.063	0.057	0.051	0.058	0.065	0.051	0.049	0.029	0.0503	0.0589
Beryllium, dissolved	0.1	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00008	0.00008	0.00008	0.00008	0.00008	0.00008	0.00008
Bicarbonate as CaCO3	Report	27.8	28.9	31.1	34	30	32.2	42.7	34.2	43.2	33.9	30.1	27.3	29.4	26.4
Boron, dissolved	0.75	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02
Cadmium, dissolved	0.001	0.0002	0.0001	0.0003	0.0003	0.0003	0.0002	0.00021	0.00023	0.00024	0.00022	0.00016	0.00011	0.000196	0.00024
Cadmium, total	N/A														
Calcium, dissolved	Report	22	25	23.7	32.9	36.5	26.3	27.2	28.1	35.3	26.9	23.7	17.5	25.4	27.1
Carbonate as CaCO3	Report	2	2	2	2	2	2	2	2	10	2	2	2	2	2
Cation-Anion Balance	Report	-3.7	0	0	-4.8	10	-3	-5.6	-5.6	-2.3	0	-3.4	-4.3	-3.2	0
Chloride	250	0.5	0.5	0.9	0.5	0.8	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Chromium, dissolved	0.1	0.0005	0.0005	0.0006	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Chromium, Trivalent Dissolved	N/A														
Conductivity @25C	Report	156	179	194	225	217	186	197	191	223	176	162	114	169	179
Copper, dissolved	0.009	0.0006	0.0004	0.0102	0.0006	0.0044	0.0004	0.0014	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008
Copper, total	N/A														
Cyanide, total	0.005	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Cyanide, WAD	N/A														
Dissolved Chromium, Hexavalent	N/A														
Fluoride	2	0.2	0.18	0.21	0.08	0.17	0.2	0.33	0.22	0.2	0.2	0.2	0.2	0.2	0.22
Hardness as CaCO3	Report	62	71	67	93	103	74	77	80	99	76	67	50	71	77
Hydroxide as CaCO3	Report	2	2	2	2	2	2	2	2	10	2	2	2	2	2
Iron, dissolved	1	0.03	0.04	0.09	0.02	0.03	0.02	0.02	0.02	0.03	0.03	0.03	0.06	0.06	0.06
Iron, total	N/A														
Iron, total recoverable	N/A														
Lead, dissolved	0.044	0.0006	0.0004	0.022	0.0025	0.001	0.0006	0.0001	0.0002	0.0001	0.0006	0.0001	0.0001	0.00017	0.0001
Lead, total	N/A														
Magnesium, dissolved	Report	1.8	2	1.8	2.7	2.8	2.1	2.3	2.3	2.6	2.1	1.9	1.4	1.93	2.22
Manganese, dissolved	1.672	0.005	0.005	0.047	0.005	0.005	0.005	0.005	0.005	0.01	0.01	0.01	0.01	0.01	0.01
Mercury, dissolved	0.01	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Mercury, total	N/A														
Molybdenum, dissolved	Report	0.0006	0.0006	0.001	0.0006	0.0007	0.0007	0.0007	0.0009	0.0009	0.0008	0.0012	0.001	0.00078	0.00088
Nickel, dissolved	0.05	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
Nitrate/Nitrite as N	100	0.12	0.14	0.15	0.17	0.21	0.13	0.17	0.2	0.25	0.1	0.07	0.07	0.1	0.113
Oil and Grease	N/A														
pH	6-9	7.4	7.7	7.6	7.7	7.6	7.5	8	7.8	7.7	7.4	7.5	7.6	6.9	7.5
pH measured at	Report	22.4	21.1	23.7	21.2	20.4	21.1	22.6	23.5		20.5	21.5	21.5	19.9	20.8
Phosphorus, total															
Phosphorus, ortho dissolved	Report	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01
Potassium, dissolved	Report	0.5	0.6	1.6	0.9	0.8	0.4	0.8	0.7	0.7	0.7	0.5	0.4	0.46	0.52
Residue, Filterable (TDS)	400	92	98	118	152	146	104	136	130	142	108	108	84	102	110
Residue, Non-Filterable (TSS)	Report	5	5	16	5	5	5	5	5	5	5	5	5	5	5
Selenium, dissolved	0.005	0.0002	0.0003	0.0002	0.0004	0.0004	0.0003	0.0003	0.0004	0.0004	0.0002	0.0002	0.0001	0.00027	0.00038
Silica, dissolved	Report	5.9	5.9	5.7	4.9	5.2	5.7	5.4	5	5.4	6.2	5.9	4.4	6	5.6
Silver, dissolved	0.0001	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Sodium, dissolved	Report	1.5	1.8	3.1	2.3	2.4	1.8	2.4	2.3	2.5	1.9	1.7	1.4	1.78	1.92
Sulfate	250	39.4	43.7	38.4	69.6	57	48.7	47.6	56	63.4	42.5	41.9	28.3	45.5	52.1
Sum of Anions	Report	1.4	1.5	1.5	2.2	1.8	1.7	1.9	1.9	2.2	1.6	1.5	1.2	1.6	1.6
Sum of Cations	Report	1.3	1.5	1.5	2	2.2	1.6	1.7	1.7	2.1	1.6	1.4	1.1	1.5	1.6
TDS (calculated)	Report	90.2	98.7	96.4	136	126	107	114	117	138	103	96	71.5	101	108
TDS (ratio - measured/calculated)	Report	1.02	0.99	1.22	1.12	1.16	0.97	1.19	1.11	1.03	1.05	1.13	1.17	1.01	1.02
Thallium, dissolved	Report	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Total Alkalinity	Report	27.8	28.9	31.1	34	30	32.2	42.7	34.2	43.2	33.9	30.1	27.3	29.4	26.4
Uranium, dissolved	Report	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.001	0.0001	0.0001	0.0001
Vanadium, dissolved	0.1	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.01	0.01
Zinc, dissolved	0.713	0.23	0.25	0.31	0.34	0.65	0.28	0.26	0.28	0.29	0.26	0.24	0.05	0.268	0.276
Zinc, total	N/A														

Notes:

Bold indicates groundwater standard exceedance.

Blank indicates analyses not performed.

All non-detects included at MDL value.

Groundwater Data

Analyte	GW std	GW-3A														
		6/10/2014	7/22/2014	12/4/2014	2/13/2015	3/31/2015	5/1/2015	5/7/2015	6/17/2015	9/16/2015	12/10/2015	3/10/2016	6/15/2016	8/24/2016	11/9/2016	11/10/2016
Aluminum, dissolved	5	0.03	0.03	0.03	0.04	0.17	0.03	0.03	0.07	0.03	0.04	0.11	0.03	0.03		
Aluminum, total	N/A	1.65	4.36	23.4	1.48	5.77	6.87	11.5	1.98	1.1	2.5	3.91	4.28	1.48	0.65	
Antimony, dissolved	Report		0.0018	0.0017	0.0023	0.0024	0.0023	0.0032	0.0037	0.002	0.0017	0.0019	0.0024	0.0027	0.0019	
Arsenic, dissolved	0.1		0.0008	0.0005	0.001	0.0032	0.0009	0.0007	0.0016	0.001	0.0005	0.0011	0.0015	0.0007	0.0007	
Arsenic, total recoverable	N/A		0.023	0.0786	0.009	0.0106	0.0526	0.0764	0.0059	0.0058	0.0049	0.0199	0.0211	0.0057	0.003	
Barium, dissolved	Report	0.046	0.06	0.045	0.041	0.076	0.046	0.045	0.068	0.038	0.032	0.051	0.069	0.041	0.039	
Beryllium, dissolved	0.1	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	
Bicarbonate as CaCO3	Report	36	32.6	34.3	46.4	42.1	42.9	42.6	44.6	39.3	33.7	36.5	35.3	32.8	41.5	
Boron, dissolved	0.75	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
Cadmium, dissolved	0.001	0.001	0.001	0.0007	0.0005	0.0008	0.0018	0.0015	0.0007	0.0005	0.0006	0.0007	0.0005	0.0008	0.0006	
Cadmium, total	N/A		0.0018	0.0054	0.003	0.0016	0.0071	0.0079	0.0011	0.0009	0.001	0.0019	0.0019	0.0011	0.001	
Calcium, dissolved	Report	26.8	26.5	36.7	58.7	72.1	80.1	69	37	42.3	35	34.9	27.5	42.5	46.9	
Carbonate as CaCO3	Report	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Cation-Anion Balance	Report	6.3	-3	0	0	2.2	1	0	0	2	-4.5	-6.7	3	-1.9	-1.8	
Chloride	250	0.5	0.5	0.6	1.2	3.7	1.7	1.6	0.5	0.7	0.7	0.5	0.7	0.6	0.5	
Chromium, dissolved	0.1	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	
Chromium, Trivalent Dissolved	N/A		0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	
Conductivity @25C	Report	171	175	241	382	477	495	444	244	263	238	226	184	282	290	
Copper, dissolved	0.009	0.003	0.0013	0.0013	0.0007	0.0037	0.0008	0.0007	0.002	0.0007	0.0006	0.001	0.0018	0.0007	0.0005	
Copper, total	N/A		0.03	0.12	0.01	0.01	0.06	0.1	0.01	0.01	0.02	0.02	0.02	0.01	0.01	
Cyanide, total	0.005	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	
Cyanide, WAD	N/A	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	
Dissolved Chromium, Hexavalent	N/A		0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	
Fluoride	2	0.18	0.27	0.22	0.23	0.22	0.24	0.26	0.2	0.22	0.17	0.23	0.21	0.2	0.24	
Hardness as CaCO3	Report	76	74	104	160	207	230	199	104	118	98.5	97	77	120	127	
Hydroxide as CaCO3	Report	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Iron, dissolved	1	0.03	0.02	0.02	0.03	0.32	0.02	0.02	0.08	0.02	0.02	0.07	0.12	0.02	0.02	
Iron, total	N/A	1.84	6.63	23.7	1.43	2.68	10.6	20.5	1.14	1.35	1.25	5.2	5.57	1.37	0.59	
Iron, total recoverable	N/A		5.83	24.4	1.81	2.69	11	20.5	1.08	1.26	1.38	5.29	5.57	1.42	0.67	
Lead, dissolved	0.044	0.0013	0.0053	0.005	0.002	0.0795	0.0033	0.0044	0.0132	0.005	0.0016	0.0082	0.0114	0.0018	0.0018	
Lead, total	N/A		0.5804	2.17	0.1194	0.1802	0.9998	1.57	0.1259	0.086	0.0767	0.2974	0.3642	0.0891	0.0684	
Magnesium, dissolved	Report	2.3	2	3	3.3	6.6	7.4	6.4	2.8	3	2.7	2.5	1.9	3.4	2.5	
Manganese, dissolved	1.672	0.011	0.013	0.005	0.013	0.131	0.005	0.023	0.013	0.005	0.005	0.008	0.01	0.005	0.005	
Mercury, dissolved	0.01	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	
Mercury, total	N/A		0.0002	0.0003	0.0002	0.001	0.0002	0.0003	0.0002	0.0002	0.0004	0.0002	0.0002	0.0002	0.0002	
Molybdenum, dissolved	Report	0.001	0.0036	0.0024	0.0053	0.0018	0.0054	0.0066	0.0083	0.0033	0.0018	0.0013	0.0039	0.0028	0.0018	
Nickel, dissolved	0.05	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	
Nitrate/Nitrite as N	100	0.09	0.49	0.29	1.96	2.21	1.45	1.39	0.62	0.28	0.22	0.21	0.32	0.38	0.19	
Oil and Grease	N/A		2.02	3.3	2	2	2	2	2	2	2	2	2	2		
pH	6-9	7.8	7.6	7.6	7.7	7.7	7.3	7.4	8	7.9	7.7	7.7	7.9	7.8	7.9	
pH measured at	Report	21	19	19.6	21.8	21.2	20.3	18.5	19.5	19.5	22.1	23.2	23.1	23.9	22.6	
Phosphorus, total																
Phosphorus, ortho dissolved	Report	0.01	0.06	0.01	0.03	0.01	0.01	0.06	0.02	0.02	0.02	0.02	0.03	0.02	0.02	
Potassium, dissolved	Report	0.6	0.7	0.7	1.2	1.4	1.4	1.5	0.9	0.8	0.7	0.5	0.6	0.7	0.6	
Residue, Filterable (TDS)	400	160	110	152	284	302	352	300	152	162	142	140	122	192	180	
Residue, Non-Filterable (TSS)	Report	62	123	320	14	29	258	497	151	16	16	75	60	28	5	
Selenium, dissolved	0.005	0.0003	0.0002	0.0002	0.0005	0.0005	0.0005	0.0005	0.0004	0.0003	0.0004	0.0005	0.0002	0.0003	0.0003	
Silica, dissolved	Report	5.1	4.8	5.6	7.3	7	6.6	6.6	5.7	6.1	5.5	5.5	4.9	5.1	6.2	
Silver, dissolved	0.0001	0.00005	0.00005	0.00005	0.00005	0.00014	0.00005	0.00009	0.00005	0.00005	0.00005	0.00006	0.0001	0.00005	0.00005	
Sodium, dissolved	Report	3.3	2	2.3	10.5	8.1	6.5	7.8	3.6	3.8	3	2.5	2.3	3.2	4.7	
Sulfate	250	37.3	47	72.5	128	165	189	164	64.7	82	75.7	80.6	41.9	95	97.8	
Sum of Anions	Report	1.5	1.7	2.2	3.7	4.4	4.9	4.4	2.3	2.5	2.3	2.4	1.6	2.7	2.9	
Sum of Cations	Report	1.7	1.6	2.2	3.7	4.6	5	4.4	2.3	2.6	2.1	2.1	1.7	2.6	2.8	
TDS (calculated)	Report	99	105	144	241	293	322	286	144	165	146	151	103	172	186	
TDS (ratio - measured/calculated)	Report	1.62	1.05	1.06	1.18	1.03	1.09	1.05	1.06	0.98	0.97	0.93	1.18	1.12	0.97	
Thallium, dissolved	Report	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	
Total Alkalinity	Report	36	32.6	34.3	46.4	42.1	42.9	42.6	44.6	39.3	33.7	36.5	35.3	32.8	41.5	
Uranium, dissolved	Report	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	
Vanadium, dissolved	0.1	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	
Zinc, dissolved	0.713	0.07	0.17	0.34	0.27	0.51	0.87	0.65	0.25	0.26	0.27	0.33	0.2	0.32	0.27	
Zinc, total	N/A		0.7	2.13	0.37	0.65	2.02	2.47	0.4	0.37	0.37	0.67	0.6	0.43	0.35	

Notes:

Bold indicates groundwater standard exceedance.

Blank indicates analyses not performed.

All non-detects included at MDL value.



Groundwater Data

Analyte	GW std	GW-3A (continued)				
		2/15/2017	6/13/2017	7/11/2017	9/25/2017	11/9/2017
Aluminum, dissolved	5	0.06	0.54	0.21	0.2	0.22
Aluminum, total	N/A	1.94				
Antimony, dissolved	Report	0.0018	0.0045	0.0042	0.0024	0.0024
Arsenic, dissolved	0.1	0.001	0.0064	0.0031	0.003	0.0035
Arsenic, total recoverable	N/A	0.0068				
Barium, dissolved	Report	0.043	0.087	0.047	0.058	0.065
Beryllium, dissolved	0.1	0.00005	0.00008	0.00005	0.00005	0.00005
Bicarbonate as CaCO3	Report	35	45.2	59.4	43.4	41.4
Boron, dissolved	0.75	0.02	0.01	0.01	0.01	0.01
Cadmium, dissolved	0.001	0.0007	0.0009	0.0007	0.0005	0.0006
Cadmium, total	N/A	0.0013				
Calcium, dissolved	Report	41.5	41.7	34.8	42.6	45.9
Carbonate as CaCO3	Report	2	2	2	2	2
Cation-Anion Balance	Report	-2	2	-4.3	-1.9	5.7
Chloride	250	0.5	1.5	0.9	1	0.5
Chromium, dissolved	0.1	0.0005	0.0005	0.0005	0.0005	0.0005
Chromium, Trivalent Dissolved	N/A	0.005				
Conductivity @25C	Report	288	259	259	278	285
Copper, dissolved	0.009	0.0007	0.0088	0.0037	0.0028	0.0038
Copper, total	N/A	0.01				
Cyanide, total	0.005	0.003	0.003	0.003	0.003	0.003
Cyanide, WAD	N/A	0.003				
Dissolved Chromium, Hexavalent	N/A	0.005				
Fluoride	2	0.25	0.23	0.12	0.21	0.18
Hardness as CaCO3	Report	114	115	96	117	124
Hydroxide as CaCO3	Report	2	2	2	2	2
Iron, dissolved	1	0.07	1.18	0.5	0.42	0.57
Iron, total	N/A	1.95				
Iron, total recoverable	N/A	2.1				
Lead, dissolved	0.044	0.0062	0.159	0.0903	0.0442	0.0644
Lead, total	N/A	0.141				
Magnesium, dissolved	Report	2.5	2.7	2.1	2.5	2.4
Manganese, dissolved	1.672	0.011	0.305	0.179	0.095	0.139
Mercury, dissolved	0.01	0.0002	0.0002	0.0002	0.0002	0.0002
Mercury, total	N/A	0.0002				
Molybdenum, dissolved	Report	0.0011	0.0054	0.004	0.0024	0.0017
Nickel, dissolved	0.05	0.008	0.008	0.008	0.008	0.008
Nitrate/Nitrite as N	100	0.26	0.33	0.15	0.18	0.2
Oil and Grease	N/A	2				
pH	6-9	7.8	7.8	8.2	7.7	8
pH measured at	Report	22.3	20.4	21.1	22.4	21.2
Phosphorus, total						
Phosphorus, ortho dissolved	Report	0.02	0.02	0.02	0.02	0.02
Potassium, dissolved	Report	0.6	0.8	0.7	0.7	0.5
Residue, Filterable (TDS)	400	178	154	138	194	184
Residue, Non-Filterable (TSS)	Report	46	18	5	7	29
Selenium, dissolved	0.005	0.0004	0.0004	0.0004	0.0003	0.0004
Silica, dissolved	Report	6	7.2	6.5	6.7	7
Silver, dissolved	0.0001	0.00007	0.0021	0.00062	0.00071	0.00071
Sodium, dissolved	Report	3.6	3.4	3.6	4.8	4.5
Sulfate	250	91.7	75.4	57.2	86.6	79.4
Sum of Anions	Report	2.6	2.5	2.4	2.7	2.5
Sum of Cations	Report	2.5	2.6	2.2	2.6	2.8
TDS (calculated)	Report	170	165	145	174	169
TDS (ratio - measured/calculated)	Report	1.05	0.93	0.95	1.11	1.09
Thallium, dissolved	Report	0.0001	0.0001	0.0001	0.0001	0.0001
Total Alkalinity	Report	35	45.2	59.4	43.4	41.4
Uranium, dissolved	Report	0.0001	0.0003	0.0002	0.0001	0.0001
Vanadium, dissolved	0.1	0.005	0.005	0.005	0.005	0.005
Zinc, dissolved	0.713	0.3	0.3	0.21	0.2	0.26
Zinc, total	N/A	0.45				

Notes:

bold Indicates groundwater standard exceedance.

Blank indicates analyses not performed.

All non-detects included at MDL value.

Groundwater Data

Analyte	GW std	GW- 38														
		6/10/2014	7/22/2014	12/4/2014	2/13/2015	3/31/2015	5/1/2015	5/7/2015	6/17/2015	9/16/2015	12/10/2015	3/10/2016	6/15/2016	8/24/2016	11/9/2016	11/10/2016
Aluminum, dissolved	5	0.03	0.03	0.03	0.03	0.17	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Aluminum, total	N/A	0.3	0.83	0.73	0.05	0.77	0.06	0.07	0.03	0.04	0.03	0.03	0.05	0.03	0.03	0.03
Antimony, dissolved	Report	0.0013	0.0007	0.0007	0.0007	0.0006	0.0006	0.0007	0.0007	0.0006	0.0007	0.0006	0.0007	0.0009	0.0009	0.0009
Arsenic, dissolved	0.1	0.0005	0.0003	0.0004	0.0003	0.0022	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0004	0.0003
Arsenic, total recoverable	N/A		0.0062	0.0031	0.0005	0.0054	0.0005	0.0004	0.0004	0.0003	0.0004	0.0003	0.0005	0.0005	0.0003	0.0003
Barium, dissolved	Report	0.043	0.046	0.054	0.059	0.076	0.061	0.063	0.052	0.049	0.045	0.049	0.047	0.047	0.057	0.057
Beryllium, dissolved	0.1	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00006	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005
Bicarbonate as CaCO3	Report	35	31.7	30.9	32	33.3	29.9	30.8	30.9	30.5	29.6	30.3	29.5	27.6	29.9	29.9
Boron, dissolved	0.75	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Cadmium, dissolved	0.001	0.001	0.001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Cadmium, total	N/A		0.001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0001	0.0001	0.0005	0.0005	0.0001	0.0002	0.0001	0.0001
Calcium, dissolved	Report	26.3	27.7	33.1	37.3	40.5	37.1	38.6	33.7	32.5	30.4	30.1	30.9	30.1	34.4	34.4
Carbonate as CaCO3	Report	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Cation-Anion Balance	Report	3.2	0	0	0	0	0	0	-2.4	2.6	-2.7	-2.7	0	2.9	0	0
Chloride	250	0.6	0.5	0.7	1	1.6	1.2	1	0.5	0.5	0.5	0.5	0.7	0.5	0.5	0.5
Chromium, dissolved	0.1	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Chromium, Trivalent Dissolved	N/A		0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Conductivity @25C	Report	171	181	213	237	273	232	233	229	209	205	193	201	197	213	213
Copper, dissolved	0.009	0.0009	0.0007	0.0015	0.0005	0.0011	0.0005	0.0005	0.0009	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Copper, total	N/A		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Cyanide, total	0.005	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Cyanide, WAD	N/A	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Dissolved Chromium, Hexavalent	N/A		0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.008	0.005	0.005	0.005
Fluoride	2	0.2	0.25	0.21	0.18	0.19	0.18	0.18	0.18	0.2	0.15	0.2	0.2	0.18	0.2	0.2
Hardness as CaCO3	Report	75	77	92	104	114	103	108	94	92	85.4	84	86	84	95	95
Hydroxide as CaCO3	Report	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Iron, dissolved	1	0.02	0.02	0.03	0.02	0.45	0.02	0.02	0.08	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Iron, total	N/A	0.43	2.24	1.61	0.04	1.84	0.06	0.08	0.05	0.03	0.02	0.02	0.1	0.06	0.02	0.02
Iron, total recoverable	N/A		1.72	1.64	0.04	1.67	0.04	0.09	0.05	0.02	0.02	0.04	0.11	0.08	0.02	0.02
Lead, dissolved	0.044	0.0002	0.0006	0.0024	0.0007	0.0106	0.0007	0.0004	0.001	0.0004	0.0003	0.0003	0.0003	0.0005	0.0003	0.0003
Lead, total	N/A		0.0165	0.0103	0.0017	0.012	0.0036	0.004	0.0023	0.0007	0.0007	0.0006	0.0018	0.0014	0.0003	0.0003
Magnesium, dissolved	Report	2.3	1.9	2.3	2.7	3.1	2.5	2.8	2.4	2.6	2.3	2.1	2.2	2.2	2.3	2.3
Manganese, dissolved	1.672	0.005	0.008	0.005	0.005	0.023	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Mercury, dissolved	0.01	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Mercury, total	N/A		0.0002	0.0002	0.0002	0.0002	0.0004	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Molybdenum, dissolved	Report	0.001	0.0012	0.0007	0.0008	0.0006	0.0006	0.0006	0.0007	0.0009	0.0007	0.0005	0.0006	0.0008	0.0007	0.0007
Nickel, dissolved	0.05	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
Nitrate/Nitrite as N	100	0.09	0.43	0.23	0.35	0.53	0.31	0.35	0.36	0.21	0.19	0.19	0.31	0.18	0.21	0.21
Oil and Grease	N/A		2.02	2.3	2	2	2.2	2	2	2	2	2	2	2		2
pH	6-9	7.8	7.5	7.5	7.4	7.6	7.2	7.3	7.8	7.7	7.7	7.6	7.8	7.7	7.7	7.7
pH measured at	Report	21	20	19.7	21.7	21.1	20.4	18.4	20.2	19.4	22.1	23	23	24	22.5	
Phosphorus, total																
Phosphorus, ortho dissolved	Report	0.02	0.01	0.01	0.01	0.03	0.01	0.01	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.02
Potassium, dissolved	Report	0.6	0.7	0.7	0.7	0.8	0.7	0.7	0.6	0.8	0.6	0.5	0.5	0.5	0.6	0.6
Residue, Filterable (TDS)	400	90	100	122	164	164	150	152	134	134	116	118	120	124	122	122
Residue, Non-Filterable (TSS)	Report	5	28	22	5	148	5	5	5	5	5	5	5	5	5	5
Selenium, dissolved	0.005	0.0003	0.0003	0.0002	0.0003	0.0004	0.0003	0.0004	0.0003	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0003
Silica, dissolved	Report	4.8	5	5.6	5.8	6.1	5.5	5.7	5.2	5.7	5.4	5.5	5.3	5.2	5.3	5.3
Silver, dissolved	0.0001	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005
Sodium, dissolved	Report	1.7	2.1	2.2	2.8	3.4	2.4	2.9	2.2	2.6	2.2	1.9	2	2.1	2.6	2.6
Sulfate	250	36.3	49.7	62	74.6	83.7	74.7	80.2	71.2	62.3	63	61.4	57.3	51.9	67.7	67.7
Sum of Anions	Report	1.5	1.7	2	2.2	2.5	2.2	2.3	2.1	1.9	1.9	1.9	1.8	1.7	2	2
Sum of Cations	Report	1.6	1.7	2	2.2	2.5	2.2	2.3	2	2	1.8	1.8	1.8	1.8	2	2
TDS (calculated)	Report	96	108	127	146	162	144	152	136	127	124	122	119	111	133	133
TDS (ratio - measured/calculated)	Report	0.94	0.93	0.96	1.12	1.01	1.04	1	0.99	1.06	0.94	0.97	1.01	1.12	0.92	0.92
Thallium, dissolved	Report	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Total Alkalinity	Report	35	31.7	30.9	32	33.3	29.9	30.8	30.9	30.5	29.6	30.3	29.5	27.6	29.9	29.9
Uranium, dissolved	Report	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Vanadium, dissolved	0.1	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Zinc, dissolved	0.713	0.06	0.06	0.1	0.1	0.05	0.16	0.05	0.14	0.05	0.05	0.06	0.05	0.05	0.09	0.09
Zinc, total	N/A		0.08	0.11	0.1	0.06	0.12	0.07	0.12	0.06	0.05	0.06	0.04	0.05	0.07	0.07

Notes:
Bold indicates groundwater standard exceedance.
Blank indicates analyses not performed.
All non-detects included at MDL value.



Groundwater Data

Analyte	GW std	GW-3B (continued)														
		2/15/2017	6/13/2017	9/25/2017	11/9/2017	2/21/2018	5/9/2018	7/25/2018	12/11/2018	1/29/2019	5/29/2019	9/16/2019	11/12/2019	2/18/2020	6/24/2020	9/24/2020
Aluminum, dissolved	5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.05	0.05	0.05	0.05	0.05	0.05
Aluminum, total	N/A	0.43														
Antimony, dissolved	Report	0.001	0.0005	0.0008	0.0007	0.0006	0.0021	0.0011	0.0018	0.0011	0.0009	0.0009	0.0011	0.0007	0.0006	0.00117
Arsenic, dissolved	0.1	0.0004	0.0002	0.0003	0.0004	0.0002	0.0004	0.0003	0.0004	0.0004	0.0003	0.0004	0.0004	0.0003	0.0003	0.00033
Arsenic, total recoverable	N/A	0.0018														
Barium, dissolved	Report	0.052	0.05	0.048	0.052	0.05	0.05	0.043	0.038	0.047	0.051	0.038	0.043	0.051	0.04	0.0474
Beryllium, dissolved	0.1	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00008	0.00008	0.00008	0.00008	0.00008	0.00008	0.00008
Bicarbonate as CaCO3	Report	30	29.6	29.6	29.4	32.1	31.5	30.5	31.6	29.6	45.6	36.7	30.1	27.1	30	44.6
Boron, dissolved	0.75	0.02	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02
Cadmium, dissolved	0.001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.00007	0.00009	0.00009	0.00009	0.00008	0.00007	0.00005	0.00009
Cadmium, total	N/A	0.0001														
Calcium, dissolved	Report	34.3	30.4	29.8	32.4	34	31.4	26.4	27.6	30.5	33.4	28.2	28.1	35.4	27	32.5
Carbonate as CaCO3	Report	2	2	2	2	2	2	2	2	2	10	2	2	2	2	2
Cation-Anion Balance	Report	0	-2.7	-2.7	0	-2.4	-2.6	0	-3	-2.7	-4.8	0	0	-2.3	3.2	-7.3
Chloride	250	0.5	0.7	0.7	0.5	0.6	1.9	0.5	0.5	0.5	0.5	0.5	0.7	0.5	0.5	0.5
Chromium, dissolved	0.1	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Chromium, Trivalent Dissolved	N/A	0.005														
Conductivity @25C	Report	224	200	204	208	234	214	183	178	190	212	185	188	231	174	205
Copper, dissolved	0.009	0.0005	0.0004	0.0004	0.0004	0.0004	0.0022	0.0004	0.0031	0.0008	0.0081	0.0008	0.0008	0.0008	0.0008	0.0008
Copper, total	N/A	0.01														
Cyanide, total	0.005	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Cyanide, WAD	N/A	0.003														
Dissolved Chromium, Hexavalent	N/A	0.005														
Fluoride	2	0.22	0.22	0.19	0.17	0.14	0.08	0.16	0.23	0.2	0.2	0.2	0.3	0.2	0.2	0.2
Hardness as CaCO3	Report	96	85	84	90	94	88	73	76	84	93	78	78	98	75	90
Hydroxide as CaCO3	Report	2	2	2	2	2	2	2	2	2	10	2	2	2	2	2
Iron, dissolved	1	0.03	0.02	0.02	0.03	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.06	0.06
Iron, total	N/A	0.48														
Iron, total recoverable	N/A	0.52														
Lead, dissolved	0.044	0.0048	0.0003	0.0003	0.0015	0.0003	0.0009	0.0006	0.001	0.0006	0.0009	0.0006	0.0001	0.0001	0.0002	0.00034
Lead, total	N/A	0.0272														
Magnesium, dissolved	Report	2.4	2.2	2.2	2.3	2.3	2.2	1.7	1.8	2	2.3	1.8	1.8	2.3	1.8	2.03
Manganese, dissolved	1.672	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.01	0.01	0.01	0.01	0.01
Mercury, dissolved	0.01	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Mercury, total	N/A	0.0002														
Molybdenum, dissolved	Report	0.0007	0.0006	0.0009	0.0008	0.0008	0.0008	0.0007	0.0009	0.0007	0.0007	0.001	0.0009	0.0007	0.0008	0.00098
Nickel, dissolved	0.05	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
Nitrate/Nitrite as N	100	0.28	0.26	0.17	0.18	0.16	0.25	0.18	0.21	0.22	0.25	0.21	0.05	0.13	0.21	0.21
Oil and Grease	N/A	2														
pH	6-9	7.5	7.4	7.4	7.7	7.9	7.7	7.6	7.7	7.7	7.6	7.5	7.6	7.6	7.6	7.1
pH measured at	Report	23.1	20.3	22.6	21.1	22.1	21.7	20.9	22.5	23.3		20.3	21.3	21.3	21.5	20
Phosphorus, total														0.01		
Phosphorus, ortho dissolved	Report	0.02	0.02	0.02	0.02	0.02	0.32	0.02	0.02	0.02	0.01	0.01	0.01		0.02	0.01
Potassium, dissolved	Report	0.6	0.5	0.6	0.5	0.5	1.9	0.4	0.4	0.4	0.6	0.6	0.6	0.5	0.5	0.45
Residue, Filterable (TDS)	400	142	116	136	140	144	130	108	126	128	140	112	126	164	126	134
Residue, Non-Filterable (TSS)	Report	13	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Selenium, dissolved	0.005	0.0004	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0002	0.0004	0.0004	0.0003	0.0002	0.0004	0.0003	0.00029
Silica, dissolved	Report	5.6	5.6	5.5	5.6	5.5	5.4	5.2	5.5	5.6	5.8	5.4	5.4	5.5	5.2	5.8
Silver, dissolved	0.0001	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Sodium, dissolved	Report	2.6	2.1	2.7	2.6	2.7	2.8	2.1	2.3	2.5	2.5	2.3	2	2.6	2.1	2.53
Sulfate	250	72.3	58.5	62	60.7	69.8	61	47.1	50.5	61.7	62.3	47.1	52.2	77.4	43.7	61.4
Sum of Anions	Report	2.1	1.9	1.9	1.9	2.1	2	1.6	1.7	1.9	2.2	1.7	1.7	2.2	1.5	2.2
Sum of Cations	Report	2.1	1.8	1.8	1.9	2	1.9	1.6	1.6	1.8	2	1.7	1.7	2.1	1.6	1.9
TDS (calculated)	Report	138	120	123	124	137	127	103	109	123	137	110	111	142	100	134
TDS (ratio - measured/calculated)	Report	1.03	0.97	1.11	1.13	1.05	1.02	1.05	1.16	1.04	1.02	1.02	1.14	1.15	1.26	1
Thallium, dissolved	Report	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.00014
Total Alkalinity	Report	30	29.6	29.6	29.4	32.1	31.5	30.5	31.6	29.6	45.6	36.7	30.1	27.1	30	44.6
Uranium, dissolved	Report	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Vanadium, dissolved	0.1	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.01
Zinc, dissolved	0.713	0.09	0.06	0.07	0.07	0.06	0.09	0.09	0.09	0.1	0.11	0.08	0.1	0.1	0.08	0.089
Zinc, total	N/A	0.11														

Notes:

Bold indicates groundwater standard exceedance.

Blank indicates analyses not performed.

All non-detects included at MDL value.



Groundwater Data

Analyte	GW std	GW-38 (contii
		11/12/2020
Aluminum, dissolved	5	0.05
Aluminum, total	N/A	
Antimony, dissolved	Report	0.00079
Arsenic, dissolved	0.1	0.00038
Arsenic, total recoverable	N/A	
Barium, dissolved	Report	0.051
Beryllium, dissolved	0.1	0.00008
Bicarbonate as CaCO3	Report	25.9
Boron, dissolved	0.75	0.02
Cadmium, dissolved	0.001	0.000082
Cadmium, total	N/A	
Calcium, dissolved	Report	30.4
Carbonate as CaCO3	Report	2
Cation-Anion Balance	Report	0
Chloride	250	0.5
Chromium, dissolved	0.1	0.0005
Chromium, Trivalent Dissolved	N/A	
Conductivity @25C	Report	194
Copper, dissolved	0.009	0.0008
Copper, total	N/A	
Cyanide, total	0.005	0.003
Cyanide, WAD	N/A	
Dissolved Chromium, Hexavalent	N/A	
Fluoride	2	0.19
Hardness as CaCO3	Report	84
Hydroxide as CaCO3	Report	2
Iron, dissolved	1	0.06
Iron, total	N/A	
Iron, total recoverable	N/A	
Lead, dissolved	0.044	0.00021
Lead, total	N/A	
Magnesium, dissolved	Report	2.06
Manganese, dissolved	1.672	0.01
Mercury, dissolved	0.01	0.0002
Mercury, total	N/A	
Molybdenum, dissolved	Report	0.00072
Nickel, dissolved	0.05	0.008
Nitrate/Nitrite as N	100	0.192
Oil and Grease	N/A	
pH	6-9	7.5
pH measured at	Report	20.6
Phosphorus, total		
Phosphorus, ortho dissolved	Report	0.01
Potassium, dissolved	Report	0.51
Residue, Filterable (TDS)	400	126
Residue, Non-Filterable (TSS)	Report	5
Selenium, dissolved	0.005	0.00042
Silica, dissolved	Report	5.5
Silver, dissolved	0.0001	0.0001
Sodium, dissolved	Report	2.38
Sulfate	250	61
Sum of Anions	Report	1.8
Sum of Cations	Report	1.8
TDS (calculated)	Report	119
TDS (ratio - measured/calculated)	Report	1.06
Thallium, dissolved	Report	0.0001
Total Alkalinity	Report	25.9
Uranium, dissolved	Report	0.0001
Vanadium, dissolved	0.1	0.01
Zinc, dissolved	0.713	0.098
Zinc, total	N/A	

Notes:
Bold indicates groundwater standard exceedance.
Blank indicates analyses not performed.
All non-detects included at MDL value.

Groundwater Data

Analyte	GW std	GW-3R												
		3/14/2018	5/9/2018	7/25/2018	12/11/2018	1/29/2019	5/29/2019	9/16/2019	11/12/2019	2/18/2020	6/24/2020	7/28/2020	9/24/2020	11/12/2020
Aluminum, dissolved	5	0.03	0.03	0.03	0.03	0.03	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Aluminum, total	N/A													
Antimony, dissolved	Report	0.0015	0.0013	0.0014	0.0012	0.0016	0.0009	0.0012	0.001	0.0013	0.0013	0.0011	0.00134	0.00101
Arsenic, dissolved	0.1	0.0013	0.0004	0.0005	0.001	0.001	0.0005	0.0005	0.0004	0.0007	0.0018	0.0005	0.00048	0.00064
Arsenic, total recoverable	N/A													
Barium, dissolved	Report	0.025	0.047	0.029	0.019	0.026	0.049	0.028	0.035	0.028	0.023	0.027	0.0318	0.0392
Beryllium, dissolved	0.1	0.00005	0.00005	0.00005	0.00005	0.00008	0.00008	0.00008	0.00008	0.00008	0.00008	0.00008	0.00008	0.00008
Bicarbonate as CaCO3	Report	39.3	33.6	29.9	47.8	49.7	39.7	33	25.5	39.7	29.2	29.3	28.4	41
Boron, dissolved	0.75	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Cadmium, dissolved	0.001	0.0003	0.0004	0.0002	0.00021	0.00021	0.00046	0.00029	0.00025	0.00023	0.00023	0.0002	0.000243	0.00026
Cadmium, total	N/A													
Calcium, dissolved	Report	59.4	44.9	24.2	54.1	54.5	45	29.7	32	51.1	21.4	24	31.8	33
Carbonate as CaCO3	Report	2	2	2	2	2	10	2	2	2	2	2	2	2
Cation-Anion Balance	Report	4.5	-1.8	-12.5	1.5	-3	-1.8	0	-2.6	-1.6	-3.7	-3.4	0	-9.5
Chloride	250	1	8.9	0.5	1.5	0.5	5.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Chromium, dissolved	0.1	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Chromium, Trivalent Dissolved	N/A													
Conductivity @25C	Report	312	285	167	305	354	294	192	210	322	141	173	204	205
Copper, dissolved	0.009	0.0019	0.0004	0.0004	0.0022	0.0008	0.0029	0.0008	0.0008	0.0008	0.0008	0.001	0.00396	0.0009
Copper, total	N/A													
Cyanide, total	0.005	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Cyanide, WAD	N/A													
Dissolved Chromium, Hexavalent	N/A													
Fluoride	2	0.19	0.05	0.14	0.28	0.23	0.1	0.2	0.1	0.2	0.2	0.1	0.2	0.14
Hardness as CaCO3	Report	159	123	66	145	146	123	81	87	137	58	65	86	90
Hydroxide as CaCO3	Report	2	2	2	2	2	10	2	2	2	2	2	2	2
Iron, dissolved	1	0.04	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.06	0.06	0.06	0.06
Iron, total	N/A													
Iron, total recoverable	N/A													
Lead, dissolved	0.044	0.0021	0.0015	0.0004	0.0009	0.0003	0.0001	0.0004	0.0001	0.0001	0.0174	0.0005	0.0001	0.00013
Lead, total	N/A													
Magnesium, dissolved	Report	2.5	2.6	1.3	2.3	2.4	2.6	1.6	1.7	2.4	1.2	1.3	1.69	1.89
Manganese, dissolved	1.672	0.005	0.005	0.005	0.005	0.005	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01
Mercury, dissolved	0.01	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Mercury, total	N/A													
Molybdenum, dissolved	Report	0.0012	0.0005	0.0008	0.0014	0.0012	0.0006	0.0009	0.0009	0.0013	0.0009	0.0007	0.00099	0.00071
Nickel, dissolved	0.05	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
Nitrate/Nitrite as N	100	0.17	1.2	0.17	0.18	0.15	0.81	0.29	0.24	0.12	0.22	0.29	0.25	0.242
Oil and Grease	N/A													
pH	6-9	7.9	7.6	7.7	8	8.1	7.6	7.5	7.6	7.8	7.6	7.6	7	7.5
pH measured at	Report	23.3	20.9	21	22.3	23.4		20.7	21.3	21.4	21.5	21.6	20.1	20.6
Phosphorus, total										0.01				
Phosphorus, ortho dissolved	Report	0.02	0.02	0.02	0.02	0.02	0.01	0.02	0.01		0.01	0.01	0.01	0.01
Potassium, dissolved	Report	0.5	0.7	0.3	0.3	0.4	0.6	0.6	0.3	0.4	0.4	0.4	0.39	0.46
Residue, Filterable (TDS)	400	202	182	94	210	238	202	116	132	228	104	106	134	134
Residue, Non-Filterable (TSS)	Report	16	5	5	5	5	5	5	5	5	5	5	5	5
Selenium, dissolved	0.005	0.0003	0.0003	0.0002	0.0003	0.0003	0.0003	0.0002	0.0002	0.0003	0.0001	0.0002	0.00016	0.00026
Silica, dissolved	Report	6.8	5.4	4.6	7	6.7	5.3	4.7	4.6	6.6	4.5	4.7	4.9	4.7
Silver, dissolved	0.0001	0.00005	0.00005	0.00005	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0001	0.0001	0.0001
Sodium, dissolved	Report	6.5	3.9	2.5	7.9	5.8	6.3	3.1	2.5	4.9	2.5	2.4	2.6	2.63
Sulfate	250	114	89.7	55.2	105	116	91.5	54.3	70.7	108	37	41.6	60.6	68.7
Sum of Anions	Report	3.2	2.8	1.8	3.2	3.4	2.9	1.8	2	3.1	1.4	1.5	1.9	2.3
Sum of Cations	Report	3.5	2.7	1.4	3.3	3.2	2.8	1.8	1.9	3	1.3	1.4	1.9	1.9
TDS (calculated)	Report	217	178	108	210	218	183	116	129	200	86.4	94.3	121	138
TDS (ratio - measured/calculated)	Report	0.93	1.02	0.87	1	1.09	1.1	1	1.02	1.14	1.2	1.12	1.11	0.97
Thallium, dissolved	Report	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Total Alkalinity	Report	39.3	33.6	29.9	47.8	49.7	39.7	33	25.5	39.7	29.2	29.3	28.4	41
Uranium, dissolved	Report	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Vanadium, dissolved	0.1	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.01	0.01	0.01
Zinc, dissolved	0.713	0.17	0.25	0.12	0.13	0.15	0.25	0.13	0.17	0.15	0.12	0.12	0.152	0.161
Zinc, total	N/A													

Notes:

Bold indicates groundwater standard exceedance.

Blank indicates analyses not performed.

All non-detects included at MDL value.