

Analyte	GW std	GW-1A								GW-1B							
		06/10/14	07/22/14	12/04/14	02/13/15	03/31/15	05/01/15	05/07/15	06/17/15	06/10/14	07/22/14	12/04/14	02/13/15	03/31/15	05/01/15	05/07/15	06/17/15
Aluminum, dissolved	5	0.03	0.03	0.03	0.03	0.03		0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Aluminum, total	N/A	4.22	1.04	2.73	0.54	0.06		0.08	0.21	0.42	0.24	1.06	0.07	0.07	0.08	0.07	0.1
Antimony, dissolved	Report	0.0027	0.0013	0.0008	0.0009	0.0009		0.0017	0.001	0.0009	0.0011	0.0008	0.0008	0.0009	0.0011	0.0013	0.001
Arsenic, dissolved	0.1	0.0027	0.0012	0.001	0.0007	0.0006		0.0008	0.001	0.0007	0.0005	0.0006	0.0004	0.0004	0.0006	0.0006	0.0006
Arsenic, total recoverable	N/A		0.0062	0.0156	0.0054	0.0009		0.0014	0.0023		0.001	0.0032	0.0006	0.0007	0.0009	0.0007	0.0009
Barium, dissolved	Report	0.049	0.035	0.046	0.056	0.042		0.041	0.039	0.05	0.039	0.047	0.059	0.047	0.043	0.046	0.043
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 CaCO ₃	Report	45	24.3	34.9	38.2	39.6	38.9	45	39.3	30	27	35.4	37.4	41.2	41.4	44.1	40.6
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	0.0001		0.0002	0.0002	0.001	0.001	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001
Cadmium, total	N/A		0.001	0.0003	0.0002	0.0001		0.0002	0.0002		0.001	0.0002	0.0005	0.0001	0.0002	0.0001	0.0001
Calcium, dissolved	Report	40.7	17.1	29.2	37.2	26.9		27.1	25	35.9	18.8	28.2	36.6	27.3	25.5	26.7	25.2
Carbonate as CaCO ₃	Report	2	2	2	2	2	2	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	2.3	0	-2.9	0	0	0	0	-3.2
Chloride	250	1.2	0.5	0.5	0.6	0.5	0.8	0.9	0.5	1.6	0.5	0.5	0.6	0.5	1	0.8	0.5
Chromium, dissolved	0.1	0.0005	0.0007	0.0005	0.0005	0.0005		0.0005	0.0005	0.0008	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	260	121	199	239	175	164	170	168	38	123	191	235	178	161	171	168
Copper, dissolved	0.009	0.0017	0.0016	0.0013	0.0005	0.0014		0.001	0.001	0.0028	0.0006	0.0012	0.0005	0.001	0.0007	0.0007	0.001
Copper, total	N/A		0.01	0.02	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	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	0.003
Dissolved Chromium, Hexavalent	N/A		0.005	0.005	0.005	0.007	0.005	0.005	0.006		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	0.27	0.23	0.16	0.15	0.17	0.16	0.18	0.16
Hardness as CaCO ₃	Report	112	49	84	107	78	74	78	72	98	54	81	105	79	73	77	72
Hydroxide as CaCO ₃	Report	2	2	2	2	2	2	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	0.06	0.02	0.02	0.02	0.02	0.02	0.02	0.07
Iron, total	N/A	3.24	1.28	3.4	0.66	0.04		0.1	0.24	0.99	0.28	1.39	0.07	0.06	0.08	0.05	0.1
Iron, total recoverable	N/A		1.1	3.77	0.91	0.04		0.09	0.23		0.21	1.4	0.08	0.06	0.06	0.03	0.15
Lead, dissolved	0.044	0.0171	0.0011	0.0017	0.0003	0.0009		0.0004	0.0005	0.0057	0.0003	0.0016	0.0001	0.0021	0.0004	0.0006	0.0011
Lead, total	N/A		0.017	0.0497	0.0153	0.0024		0.0035	0.0052		0.0037	0.0124	0.0015	0.0016	0.0162	0.0037	0.0022
Magnesium, dissolved	Report	2.4	1.6	2.6	3.5	2.5		2.4	2.3	2.1	1.7	2.6	3.4	2.5	2.3	2.4	2.3
Manganese, dissolved	1.672	0.054	0.005	0.005	0.005	0.005		0.005	0.005	0.027	0.009	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	0.001	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	0.004	0.0012	0.0008	0.0011	0.0013	0.0012	0.0011	0.001
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	1.63	0.06	0.08	0.08	0.12	0.11	0.1	0.06	1.09	0.07	0.09	0.08	0.11	0.1	0.12	0.1
Oil and Grease	N/A		2.02	2	2	2	2	2	2.1		2.02	2	2	2	2	2	2
pH	6-9	8.2	7.4	7.7	7.7	7.7	7.5	7.5	7.9	8	7.5	7.7	7.7	7.7	7.6	7.5	8
pH measured at	Report	20	20	19.5	21.6	20.8	20.6	18.9	20.3	20	21	19.5	21.1	20.8	20.5	18.9	20.3
Phosphorus, ortho dissolved	Report	0.02	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	0.02
Potassium, dissolved	Report	1.2	0.5	0.6	0.6	0.6		0.6	0.5	1.3	0.5	0.6	0.6	0.6	0.5	0.6	0.5
Residue, Filterable (TDS)	400	170	70	122	154	94	104	156	94	150	70	108	152	96	98	114	90
Residue, Non-Filterable (TSS)	Report	19	102	50	16	5	5	5	7	9	8	7	5	5	5	5	13
Selenium, dissolved	0.005	0.0005	0.0002	0.0003	0.0004	0.0003		0.0004	0.0004	0.0005	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Silica, dissolved	Report	6.6	4.1	4.1	4.4	4.4		4.9	4.6	5.6	4.4	4.3	4.5	4.4	4.7	4.8	4.5
Silver, dissolved	0.0001	0.00008	0.00005	0.00006	0.00005	0.00005		0.00005	0.00007	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005
Sodium, dissolved	Report	4.6	1.3	2	2.7	2.2		1.9	1.5	4.6	1.4	1.9	2.6	2.2	2	1.9	1.6
Sulfate	250	62.5	30.8	53.9	71.6	38.4	37.9	36.4	36.8	68.7	29.7	49.7	67	39.1	36.6	32.9	38.1
Sum of Anions	Report	2.3	1.2	1.8	2.3	1.6	1.6	1.7	1.6	2.1	1.2	1.8	2.2	1.7	1.6	1.6	1.6
Sum of Cations	Report	2.5	1.1	1.8	2.3	1.7	1.6	1.7	1.5	2.2	1.2	1.7	2.2	1.7	1.6	1.6	1.5
TDS (calculated)	Report	149	71.6	115	145	101	99.2	103	96.3	140	74.4	110	140	103	99.3	98.5	98.5
TDS (ratio - measured/calculated)	Report	1.14	0.98	1.06	1.06	0.93	1.05	1.51	0.98	1.07	0.94	0.98	1.09	0.93	0.99	1.16	0.91
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	45	24.3	34.9	38.2	39.6	38.9	45	39.3	30	27	35.4	37.4	41.2	41.4	44.1	40.6
Uranium, dissolved	Report	0.0002	0.0001	0.0003	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	0.04	0.05	0.08	0.08	0.06		0.06	0.16	0.06	0.05	0.08	0.08	0.05	0.06	0.06	0.08
Zinc, total	N/A		0.07	0.12	0.08	0.06	0.06	0.07	0.08		0.05	0.1	0.08	0.05	0.06	0.07	0.07

Notes: Nondetects presented at detection limit value. Blanks indicate no analysis was performed.

Analyte	GW std	GW-2A																	
		06/10/14	07/22/14	12/04/14	02/13/15	03/31/15	05/01/15	05/07/15	06/16/15	09/16/15	12/10/15	03/10/16	06/15/16	08/24/16	11/10/16	06/13/17	09/27/17	11/09/17	
Aluminum, dissolved	5	0.04	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	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	0.0009	0.0009	
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	0.0005	0.0003	
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	0.044	0.046	
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	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	24.7	25.4	
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	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	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	22.5	24	
Carbonate as CaCO3	Report	2	2	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	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	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	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	156	159	
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	0.0008	0.0006	
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	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	0.21	0.18	
Hardness as CaCO3	Report	84	73	80	92	94	95	105	73	71	69.7	88	69	82	70	65	64	67	
Hydroxide as CaCO3	Report	2	2	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	0.03	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	0.0022	0.0006	
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	1.8	1.8	
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	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	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	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	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	0.13	0.15	
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	7.3	7.6	
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	22.2	21.4	
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	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	0.5	0.4	
Residue, Filterable (TDS)	400	120	100	116	134	124	136	150	108	98	94	124	106	134	88	82	88	100	
Residue, Non-Filterable (TSS)	Report	30	177	57	5	5	8	5	5	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	0.0002	0.0003	
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	6	5.9	
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	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	1.6	1.6	
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	42.4	42.3	
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	1.4	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	1.4	1.4	
TDS (calculated)	Report	115	109	113	125	130	131	148	106	101	101	132	93.5	125	105	88.9	92.2	93.7	
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	0.95	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	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	24.7	25.4	
Uranium, dissolved	Report	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	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	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	0.45	0.47	
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: Nondetects presented at detection lin

Analyte	GW std	GW-2B																	
		06/10/14	07/22/14	12/04/14	02/13/15	03/31/15	05/01/15	05/07/15	06/16/15	09/16/15	12/10/15	03/10/16	06/15/16	08/24/16	11/10/16	06/13/17	09/27/17	11/09/17	
Aluminum, dissolved	5	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	0.03	0.04	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	0.0007	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	0.0004	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	0.048	0.049	
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	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	27.8	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	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	0.0002	0.0001	
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	22	25	
Carbonate as CaCO3	Report	2	2	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	-3.7	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	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	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	248	217	186	205	207	199	200	212	163	172	216	223	191	174	204	156	179	
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	0.0005	0.0004	0.0006	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	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	0.008	0.005	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	0.2	0.18	
Hardness as CaCO3	Report	109	98	79	89	91	88	89	91	71	69.6	84	97	80	71	87	62	71	
Hydroxide as CaCO3	Report	2	2	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	0.03	0.04	
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	0.0001	0.0006	0.0004	
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	1.8	2	
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	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	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	0.0006	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	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	0.12	0.14	
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	7.4	7.7	
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	22.4	21.1	
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	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	0.5	0.6	
Residue, Filterable (TDS)	400	160	130	112	126	120	120	190	124	92	94	120	146	116	102	120	92	98	
Residue, Non-Filterable (TSS)	Report	5	13	12	5	5	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	0.0002	0.0003	
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	5.9	5.9	
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	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	1.5	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	39.4	43.7	
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	1.4	1.5	
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	1.3	1.5	
TDS (calculated)	Report	149	166	109	122	125	119	124	130	98.4	97.3	124	134	108	98.9	123	90.2	98.7	
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	1.02	0.99	
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	0.0001	0.0001	
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	27.8	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	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	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	0.23	0.25	
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: Nondetects presented at detection lin

Analyte	GW std	GW-3A																			
		06/10/14	07/22/14	12/04/14	02/13/15	03/31/15	05/01/15	05/07/15	06/17/15	09/16/15	12/10/15	03/10/16	06/15/16	08/24/16	11/09/16	11/10/16	02/15/17	06/13/17	07/11/17	09/25/17	11/09/17
Aluminum, dissolved	5	0.03	0.03	0.03	0.04	0.17	0.03	0.03	0.07	0.03	0.03	0.04	0.11	0.03	0.03		0.06	0.54	0.21	0.2	0.22
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		1.94				
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		0.0018	0.0045	0.0042	0.0024	0.0024
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		0.001	0.0064	0.0031	0.003	0.0035
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		0.0068				
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		0.043	0.087	0.047	0.058	0.065
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	0.00008	0.00005	0.00005	0.00005
Bicarbonate as CaCO3	Report	36	32.6	34.3	46.4	42.1	42.9	44.6	39.3	33.7	36.5	35.3	32.8	41.5		35	45.2	59.4	43.4	41.4	
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		0.02	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		0.0007	0.0009	0.0007	0.0005	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		0.0013				
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		41.5	41.7	34.8	42.6	45.9
Carbonate as CaCO3	Report	2	2	2	2	2	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		-2	2	-4.3	-1.9	5.7
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		0.5	1.5	0.9	1	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	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	175	241	382	477	495	444	244	263	238	226	184	282	290		288	259	259	278	285
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		0.0007	0.0088	0.0037	0.0028	0.0038
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		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	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	0.005	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		0.25	0.23	0.12	0.21	0.18
Hardness as CaCO3	Report	76	74	104	160	207	230	199	104	118	98.5	97	77	120	127		114	115	96	117	124
Hydroxide as CaCO3	Report	2	2	2	2	2	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		0.07	1.18	0.5	0.42	0.57
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		1.95				
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		2.1				
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		0.0062	0.159	0.0903	0.0442	0.0644
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		0.141				
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		2.5	2.7	2.1	2.5	2.4
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		0.011	0.305	0.179	0.095	0.139
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	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		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		0.0011	0.0054	0.004	0.0024	0.0017
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	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		0.26	0.33	0.15	0.18	0.2
Oil and Grease	N/A		2.02	3.3	2	2	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	2	7.8	7.8	8.2	7.7	8
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		22.3	20.4	21.1	22.4	21.2
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		0.02	0.02	0.02	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		0.6	0.8	0.7	0.7	0.5
Residue, Filterable (TDS)	400	160	110	152	284	302	352	300	152	162	142	140	122	192	180		178	154	138	194	184
Residue, Non-Filterable (TSS)	Report	62	123	320	14	29	258	497	151	16	16	75	60	28	5		46	18	5	7	29
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		0.0004	0.0004	0.0004	0.0003	0.0004
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		6	7.2	6.5	6.7	7
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		0.00007	0.0021	0.00062	0.00071	0.00071
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		3.6	3.4	3.6	4.8	4.5
Sulfate	250	37.3	47	72.5	128	165	189	164	64.7	82	75.7	80.6	41.9	95	97.8		91.7	75.4	57.2	86.6	79.4
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		2.6	2.5	2.4	2.7	2.5
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		2.5	2.6	2.2	2.6	2.8
TDS (calculated)	Report	99	105	144	241	293	322	286	144	165	146	151	103	172	186		170	165	145	174	169
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		1.05	0.93	0.95	1.11	1.09
Thallium, dissolved	Report	0.0001	0.0001	0.0																	

Analyte	GW std	GW-3B																		
		06/10/14	07/22/14	12/04/14	02/13/15	03/31/15	05/01/15	05/07/15	06/17/15	09/16/15	12/10/15	03/10/16	06/15/16	08/24/16	11/09/16	11/10/16	02/15/17	06/13/17	09/25/17	11/09/17
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	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		0.43			
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		0.001	0.0005	0.0008	0.0007
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	0.0003		0.0004	0.0002	0.0003	0.0004
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		0.0018			
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		0.052	0.05	0.048	0.052
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	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		30	29.6	29.6	29.4
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		0.02	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	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	0.0001	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		34.3	30.4	29.8	32.4
Carbonate as CaCO3	Report	2	2	2	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	-2.7	-2.7	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	0.7	0.7	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	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		224	200	204	208
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	0.0004	0.0004	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		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	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		0.22	0.22	0.19	0.17
Hardness as CaCO3	Report	75	77	92	104	114	103	108	94	92	85.4	84	86	84	95		96	85	84	90
Hydroxide as CaCO3	Report	2	2	2	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		0.03	0.02	0.02	0.03
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		0.48			
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		0.52			
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		0.0048	0.0003	0.0003	0.0015
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		0.0272			
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		2.4	2.2	2.2	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	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	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	0.0006	0.0009	0.0008
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	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		0.28	0.26	0.17	0.18
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		7.5	7.4	7.4	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		23.1	20.3	22.6	21.1
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	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	0.5	0.6	0.5
Residue, Filterable (TDS)	400	90	100	122	164	164	150	152	134	134	116	118	120	124	122		142	116	136	140
Residue, Non-Filterable (TSS)	Report	5	28	22	5	148	5	5	5	5	5	5	5	5	5		13	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		0.0004	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		5.6	5.6	5.5	5.6
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	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	2.1	2.7	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		72.3	58.5	62	60.7
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		2.1	1.9	1.9	1.9
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		2.1	1.8	1.8	1.9
TDS (calculated)	Report	96	108	127	146	162	144	152	136	127	124	122	119	111	133		138	120	123	124
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		1.03	0.97	1.11	1.13
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	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		30	29.6	29.6	29.4
Uranium, dissolved	Report	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	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	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							

Notes: Nondetects presented at detection lin