

Summary of Groundwater Data for Past 5 Quarters GW-1A

Analyte	Units	Minimum	Maximum	Average	Nondetect Count	Sample Count
Aluminum, dissolved	mg/L	0.05	0.05	0.05	2	2
Antimony, dissolved	mg/L	0.0007	0.00095	0.0008		2
Arsenic, dissolved	mg/L	0.0005	0.00079	0.0006		2
Barium, dissolved	mg/L	0.0314	0.033	0.032		2
Beryllium, dissolved	mg/L	0.00008	0.00008	0.00008	2	2
Bicarbonate as CaCO3	mg/L	32.8	33	33		2
Boron, dissolved	mg/L	0.02	0.03	0.03	2	2
Cadmium, dissolved	mg/L	0.00008	0.00014	0.00011		2
Calcium, dissolved	mg/L	19	19.7	19		2
Carbonate as CaCO3	mg/L	2	2	2	2	2
Chloride	mg/L	0.5	0.58	0.5	1	2
Chromium, dissolved	mg/L	0.0005	0.0005	0.0005	2	2
Conductivity @25C	µS/cm	122	129	126		2
Copper, dissolved	mg/L	0.0008	0.00102	0.0009	1	2
Cyanide, total	mg/L	0.003	0.003	0.003	2	2
Fluoride	mg/L	0.2	0.23	0.2		2
Hardness as CaCO3 (dissolved)	mg/L	54	56	55		2
Hydroxide as CaCO3	mg/L	2	2	2	2	2
Iron, dissolved	mg/L	0.06	0.06	0.06	2	2
Lead, dissolved	mg/L	0.0001	0.00224	0.0012		2
Magnesium, dissolved	mg/L	1.5	1.61	1.6		2
Manganese, dissolved	mg/L	0.01	0.01	0.01	2	2
Mercury, dissolved	mg/L	0.0002	0.0002	0.0002	2	2
Molybdenum, dissolved	mg/L	0.00088	0.001	0.001		2
Nickel, dissolved	mg/L	0.008	0.008	0.008	2	2
Nitrate/Nitrite as N	mg/L	0.08	0.259	0.17		2
pH (lab)	s.u.	7.7	7.7	7.7		2
Phosphorus, total	mg/L	0.01	0.01	0.01	2	2
Potassium, dissolved	mg/L	0.4	0.64	0.52		2
Total Dissolved Solids	mg/L	72	90	81		2
Total Suspended Solids	mg/L	5	5	5	2	2
Selenium, dissolved	mg/L	0.00016	0.0002	0.00018		2
Silica, dissolved	mg/L	4.5	4.6	4.6		2
Silver, dissolved	mg/L	0.0001	0.0001	0.0001	2	2
Sodium, dissolved	mg/L	1.5	1.98	1.7		2
Sulfate	mg/L	25.1	28.6	26.9		2
Thallium, dissolved	mg/L	0.0001	0.0001	0.0001	2	2
Total Alkalinity	mg/L	32.8	33	32.9		2
Uranium, dissolved	mg/L	0.0001	0.0001	0.0001	2	2
Vanadium, dissolved	mg/L	0.01	0.01	0.01	2	2
Zinc, dissolved	mg/L	0.05	0.054	0.052		2
pH (field)	s.u.	7.14	8.34	7.6		3
Water Temperature (field)	deg. C	5.9	12.1	8.5		3
ORP (field)	mV	232	281	256		2
Conductivity (field)	µS/cm	47	309	178		2
Disolved Oxygen (field)	%	51.9	94.9	73.4		2

Summary of Groundwater Data for Past 5 Quarters GW-1B

Analyte	Units	Minimum	Maximum	Average	Nondetect Count	Sample Count
Aluminum, dissolved	mg/L	0.05	0.05	0.05	6	6
Antimony, dissolved	mg/L	0.0005	0.00101	0.0008		6
Arsenic, dissolved	mg/L	0.0002	0.00062	0.0005		6
Barium, dissolved	mg/L	0.0309	0.0572	0.0494		6
Beryllium, dissolved	mg/L	0.00008	0.00008	0.00008	6	6
Bicarbonate as CaCO3	mg/L	29.4	52.8	38.5		6
Boron, dissolved	mg/L	0.02	0.03	0.02	6	6
Cadmium, dissolved	mg/L	0.000125	0.0002	0.0001		6
Calcium, dissolved	mg/L	19.9	36.3	29.8		6
Carbonate as CaCO3	mg/L	2	2	2	6	6
Chloride	mg/L	0.5	0.6	0.5	3	4
Chromium, dissolved	mg/L	0.0005	0.0005	0.0005	6	6
Conductivity @25C	µS/cm	128	227	191		6
Copper, dissolved	mg/L	0.0008	0.001	0.001	5	6
Cyanide, total	mg/L	0.003	0.003	0.003	6	6
Fluoride	mg/L	0.15	0.21	0.19	1	6
Hardness as CaCO3 (dissolved)	mg/L	56	103	85		6
Hydroxide as CaCO3	mg/L	2	2	2	6	6
Iron, dissolved	mg/L	0.06	0.06	0.06	6	6
Lead, dissolved	mg/L	0.0001	0.00022	0.0002	1	6
Magnesium, dissolved	mg/L	1.64	3.07	2.49		6
Manganese, dissolved	mg/L	0.01	0.01	0.01	6	6
Mercury, dissolved	mg/L	0.0002	0.0002	0.0002	6	6
Molybdenum, dissolved	mg/L	0.0006	0.00327	0.0014		6
Nickel, dissolved	mg/L	0.008	0.008	0.008	6	6
Nitrate/Nitrite as N	mg/L	0.03	0.337	0.16		6
pH (lab)	s.u.	7.4	8	7.7		6
Phosphorus, total	mg/L	0.01	0.01	0.01	6	6
Potassium, dissolved	mg/L	0.39	0.62	0.50		6
Total Dissolved Solids	mg/L	72	154	125		6
Total Suspended Solids	mg/L	5	10	6	5	6
Selenium, dissolved	mg/L	0.00019	0.00041	0.00028		6
Silica, dissolved	mg/L	4.3	5.6	4.8		6
Silver, dissolved	mg/L	0.0001	0.0001	0.0001	6	6
Sodium, dissolved	mg/L	1.74	2.74	2.10		6
Sulfate	mg/L	34.3	69.2	53.1		6
Thallium, dissolved	mg/L	0.0001	0.0001	0.0001	6	6
Total Alkalinity	mg/L	29.4	52.8	38.5		6
Uranium, dissolved	mg/L	0.0001	0.00012	0.0001	5	6
Vanadium, dissolved	mg/L	0.01	0.01	0.01	6	6
Zinc, dissolved	mg/L	0.05	0.29	0.10		6
pH (field)	s.u.	6.68	8.29	7.45		6
Water Temperature (field)	deg. C	1.2	8.4	5.4		6
ORP (field)	mV	211	479	289		5

Summary of Groundwater Data for Past 5 Quarters GW-1B

Analyte	Units	Minimum	Maximum	Average	Nondetect Count	Sample Count
Conductivity (field)	μS/cm	6	204.1	90		3
Disolved Oxygen (field)	%	57.2	90.4	72.3		3

Summary of Groundwater Data for Past 5 Quarters GW-2A

Analyte	Units	Minimum	Maximum	Average	Nondetect Count	Sample Count
Aluminum, dissolved	mg/L	0.05	0.05	0.05	6	6
Antimony, dissolved	mg/L	0.00072	0.00102	0.00090		6
Arsenic, dissolved	mg/L	0.00025	0.00042	0.00030		6
Barium, dissolved	mg/L	0.0374	0.0626	0.0486		6
Beryllium, dissolved	mg/L	0.00008	0.00008	0.00008	6	6
Bicarbonate as CaCO3	mg/L	2	27.6	22	1	6
Boron, dissolved	mg/L	0.02	0.03	0.03	6	6
Cadmium, dissolved	mg/L	0.00042	0.000699	0.00056		6
Calcium, dissolved	mg/L	20.6	37.7	27.8		6
Carbonate as CaCO3	mg/L	2	2	2	6	6
Chloride	mg/L	0.5	1.18	0.7	4	6
Chromium, dissolved	mg/L	0.0005	0.00252	0.0008	5	6
Conductivity @25C	µS/cm	135	268	189		6
Copper, dissolved	mg/L	0.0008	0.00087	0.0008	5	6
Cyanide, total	mg/L	0.003	0.003	0.003	6	6
Fluoride	mg/L	0.2	0.27	0.2		6
Hardness as CaCO3 (dissolved)	mg/L	58	106	78		6
Hydroxide as CaCO3	mg/L	2	2	2	6	6
Iron, dissolved	mg/L	0.06	0.06	0.06	6	6
Lead, dissolved	mg/L	0.00013	0.00042	0.00026		6
Magnesium, dissolved	mg/L	1.6	2.92	2.1		6
Manganese, dissolved	mg/L	0.01	0.01	0.01	6	6
Mercury, dissolved	mg/L	0.0002	0.0002	0.0002	6	6
Molybdenum, dissolved	mg/L	0.0008	0.00127	0.0010		6
Nickel, dissolved	mg/L	0.008	0.008	0.008	6	6
Nitrate/Nitrite as N	mg/L	0.125	0.588	0.232		6
pH (lab)	s.u.	4	7.7	7		6
Phosphorus, total	mg/L	0.01	0.024	0.013	4	5
Potassium, dissolved	mg/L	0.4	0.71	0.5		6
Total Dissolved Solids	mg/L	100	164	119		6
Total Suspended Solids	mg/L	5	32	10	4	6
Selenium, dissolved	mg/L	0.0001	0.00039	0.0002		6
Silica, dissolved	mg/L	4.6	5.6	5.1		6
Silver, dissolved	mg/L	0.0001	0.0001	0.0001	6	6
Sodium, dissolved	mg/L	1.5	2.31	1.93		6
Sulfate	mg/L	32.5	83.1	54.1		6
Thallium, dissolved	mg/L	0.0001	0.0001	0.0001	6	6
Total Alkalinity	mg/L	2	27.6	22.1	1	6
Uranium, dissolved	mg/L	0.0001	0.0001	0.0001	6	6
Vanadium, dissolved	mg/L	0.01	0.01	0.01	6	6
Zinc, dissolved	mg/L	0.35	0.552	0.46		6
pH (field)	s.u.	6.33	8.39	7.07		7
Water Temperature (field)	deg. C	0.7	14.4	6.2		7
ORP (field)	mV	214	367.6	258		6
Conductivity (field)	µS/cm	26	216	140		3
Disolved Oxygen (field)	%	45.3	89	66		3

Summary of Groundwater Data for Past 5 Quarters GW-2B

Analyte	Units	Minimum	Maximum	Average	Nondetect Count	Sample Count
Aluminum, dissolved	mg/L	0.05	0.05	0.05	6	6
Antimony, dissolved	mg/L	0.00065	0.0011	0.00080		6
Arsenic, dissolved	mg/L	0.0002	0.0007	0.0003	1	6
Barium, dissolved	mg/L	0.029	0.0676	0.054		6
Beryllium, dissolved	mg/L	0.00008	0.00008	0.00008	6	6
Bicarbonate as CaCO3	mg/L	26.4	29.4	28.3		6
Boron, dissolved	mg/L	0.02	0.03	0.02	6	6
Cadmium, dissolved	mg/L	0.00011	0.000262	0.00021		6
Calcium, dissolved	mg/L	17.5	37.3	28.1		6
Carbonate as CaCO3	mg/L	2	2	2	6	6
Chloride	mg/L	0.5	0.65	0.6	3	5
Chromium, dissolved	mg/L	0.0005	0.0005	0.0005	6	6
Conductivity @25C	µS/cm	114	235	183		6
Copper, dissolved	mg/L	0.0008	0.0008	0.0008	6	6
Cyanide, total	mg/L	0.003	0.003	0.003	6	6
Fluoride	mg/L	0.15	0.26	0.21	1	6
Hardness as CaCO3 (dissolved)	mg/L	50	105	79		6
Hydroxide as CaCO3	mg/L	2	2	2	6	6
Iron, dissolved	mg/L	0.06	0.06	0.06	6	6
Lead, dissolved	mg/L	0.0001	0.00017	0.0001	5	6
Magnesium, dissolved	mg/L	1.4	2.99	2.3		6
Manganese, dissolved	mg/L	0.01	0.01	0.01	6	6
Mercury, dissolved	mg/L	0.0002	0.0002	0.0002	6	6
Molybdenum, dissolved	mg/L	0.00074	0.001	0.001		6
Nickel, dissolved	mg/L	0.008	0.008	0.008	6	6
Nitrate/Nitrite as N	mg/L	0.07	0.321	0.15		6
pH (lab)	s.u.	6.9	7.8	7.5		6
Phosphorus, total	mg/L	0.01	0.01	0.01	5	5
Potassium, dissolved	mg/L	0.4	0.77	0.5		6
Total Dissolved Solids	mg/L	84	160	120		6
Total Suspended Solids	mg/L	5	5	5	6	6
Selenium, dissolved	mg/L	0.0001	0.00038	0.0003		6
Silica, dissolved	mg/L	4.4	6	5		6
Silver, dissolved	mg/L	0.0001	0.0001	0.0001	6	6
Sodium, dissolved	mg/L	1.4	2.25	1.9		6
Sulfate	mg/L	28.3	80.3	54.25		6
Thallium, dissolved	mg/L	0.0001	0.0001	0.0001	6	6
Total Alkalinity	mg/L	26.4	29.4	28.3		6
Uranium, dissolved	mg/L	0.0001	0.0001	0.0001	6	6
Vanadium, dissolved	mg/L	0.01	0.01	0.01	6	6
Zinc, dissolved	mg/L	0.05	0.356	0.26		6
pH (field)	s.u.	6.34	8.46	7.22		6
Water Temperature (field)	deg. C	1.3	6.9	4.9		6
ORP (field)	mV	228	365.6	265		5
Conductivity (field)	µS/cm	1	319	127		4
Disolved Oxygen (field)	%	50.4	65.9	58.8		3

Summary of Groundwater Data for Past 5 Quarters GW-3B

Analyte	Units	Minimum	Maximum	Average	Nondetect Count	Sample Count
Aluminum, dissolved	mg/L	0.05	0.05	0.05	5	5
Antimony, dissolved	mg/L	0.0004	0.00117	0.0007	1	5
Arsenic, dissolved	mg/L	0.0002	0.00038	0.0003	1	5
Barium, dissolved	mg/L	0.04	0.051	0.05		5
Beryllium, dissolved	mg/L	0.00008	0.00008	0.00008	5	5
Bicarbonate as CaCO3	mg/L	25.9	44.6	32.2		5
Boron, dissolved	mg/L	0.02	0.03	0.02	5	5
Cadmium, dissolved	mg/L	0.00005	0.00009	0.00007	1	5
Calcium, dissolved	mg/L	27	32.6	30.8		5
Carbonate as CaCO3	mg/L	2	2	2	5	5
Chloride	mg/L	0.5	0.73	0.55	4	5
Chromium, dissolved	mg/L	0.0005	0.0005	0.0005	5	5
Conductivity @25C	µS/cm	174	216	197		5
Copper, dissolved	mg/L	0.0008	0.0008	0.0008	5	5
Cyanide, total	mg/L	0.003	0.003	0.003	5	5
Fluoride	mg/L	0.16	0.2	0.2		5
Hardness as CaCO3 (dissolved)	mg/L	75	92	86		5
Hydroxide as CaCO3	mg/L	2	2	2	5	5
Iron, dissolved	mg/L	0.06	0.06	0.06	5	5
Lead, dissolved	mg/L	0.0001	0.00348	0.0009	1	5
Magnesium, dissolved	mg/L	1.8	2.5	2.1		5
Manganese, dissolved	mg/L	0.01	0.013	0.011	4	5
Mercury, dissolved	mg/L	0.0002	0.0002	0.0002	5	5
Molybdenum, dissolved	mg/L	0.00033	0.00098	0.00069		5
Nickel, dissolved	mg/L	0.008	0.008	0.008	5	5
Nitrate/Nitrite as N	mg/L	0.192	0.404	0.243		5
pH (lab)	s.u.	7.1	7.9	7.5		5
Phosphorus, total	mg/L	0.01	0.02	0.01	3	4
Potassium, dissolved	mg/L	0.45	0.75	0.54		5
Total Dissolved Solids	mg/L	126	136	130		5
Total Suspended Solids	mg/L	5	5	5	4	5
Selenium, dissolved	mg/L	0.00022	0.00042	0.0003		5
Silica, dissolved	mg/L	5.2	6.3	5.6		5
Silver, dissolved	mg/L	0.0001	0.0001	0.0001	5	5
Sodium, dissolved	mg/L	2.1	2.53	2.27		5
Sulfate	mg/L	43.7	66	59		5
Thallium, dissolved	mg/L	0.0001	0.00014	0.0001	4	5
Total Alkalinity	mg/L	25.9	44.6	32.2		5
Uranium, dissolved	mg/L	0.0001	0.0001	0.0001	5	5
Vanadium, dissolved	mg/L	0.01	0.01	0.01	5	5
Zinc, dissolved	mg/L	0.02	0.125	0.08	1	5
pH (field)	s.u.	6.57	8.49	7.12		5
Water Temperature (field)	deg. C	4.2	8.9	6.3		5
ORP (field)	mV	196	442.8	282		4
Conductivity (field)	µS/cm	101	270	198		4
Dissolved Oxygen (field)	%	44.3	70.9	56.1		3

Summary of Groundwater Data for Past 5 Quarters GW-3R

Analyte	Units	Minimum	Maximum	Average	Nondetect Count	Sample Count
Aluminum, dissolved	mg/L	0.05	0.729	0.13	7	8
Antimony, dissolved	mg/L	0.0008	0.00291	0.0013		8
Arsenic, dissolved	mg/L	0.00043	0.00478	0.00121		8
Barium, dissolved	mg/L	0.023	0.0446	0.034		8
Beryllium, dissolved	mg/L	0.00008	0.00008	0.00008	8	8
Bicarbonate as CaCO3	mg/L	23.7	41	31		8
Boron, dissolved	mg/L	0.02	0.03	0.03	8	8
Cadmium, dissolved	mg/L	0.0002	0.000481	0.0003		8
Calcium, dissolved	mg/L	21.4	38.9	29.9		8
Carbonate as CaCO3	mg/L	2	2	2	8	8
Chloride	mg/L	0.5	0.92	0.6	4	8
Chromium, dissolved	mg/L	0.0005	0.00843	0.0015	7	8
Conductivity @25C	µS/cm	141	251	195		8
Copper, dissolved	mg/L	0.0008	0.0139	0.0029	3	8
Cyanide, total	mg/L	0.003	0.003	0.003	8	8
Fluoride	mg/L	0.1	0.21	0.2	1	8
Hardness as CaCO3 (dissolved)	mg/L	58	106	81		8
Hydroxide as CaCO3	mg/L	2	2	2	8	8
Iron, dissolved	mg/L	0.06	0.535	0.12	6	8
Lead, dissolved	mg/L	0.0001	0.146	0.021	4	8
Magnesium, dissolved	mg/L	1.2	2.14	1.7		8
Manganese, dissolved	mg/L	0.01	0.247	0.04	6	8
Mercury, dissolved	mg/L	0.0002	0.0002	0.0002	8	8
Molybdenum, dissolved	mg/L	0.00057	0.0016	0.0009		8
Nickel, dissolved	mg/L	0.008	0.008	0.008	8	8
Nitrate/Nitrite as N	mg/L	0.165	0.417	0.27		8
pH (lab)	s.u.	7	7.8	7.5		8
Phosphorus, total	mg/L	0.01	0.207	0.04	6	7
Potassium, dissolved	mg/L	0.33	1.75	0.58		8
Total Dissolved Solids	mg/L	104	162	125		8
Total Suspended Solids	mg/L	5	21	7	6	8
Selenium, dissolved	mg/L	0.0001	0.00035	0.0002		8
Silica, dissolved	mg/L	4.5	7.5	5.2		8
Silver, dissolved	mg/L	0.0001	0.0002	0.0001	6	8
Sodium, dissolved	mg/L	2.4	3.42	2.7		8
Sulfate	mg/L	37	81.7	56.2		8
Thallium, dissolved	mg/L	0.0001	0.0001	0.0001	8	8
Total Alkalinity	mg/L	23.7	41	31		8
Uranium, dissolved	mg/L	0.0001	0.0001	0.0001	8	8
Vanadium, dissolved	mg/L	0.01	0.01	0.01	8	8
Zinc, dissolved	mg/L	0.12	0.225	0.16		8
pH (field)	s.u.	6.38	8.75	7.27		9
Water Temperature (field)	deg. C	0.2	16.3	6.8		9
ORP (field)	mV	201	375	259		8
Conductivity (field)	µS/cm	1	351	137		7
Dissolved Oxygen (field)	%	6.7	78.2	56.1		5