

Sample ID		BLM Spring - Upper 3/15/2017	BLM Spring 3/15/2017	River Spring 3/14/2017	Antelope Spring 3/14/2017	Fish Slough Well 2 3/15/2017	Easement South Spg 4/22/2017	Deer Spring 4/22/2017	Fish Slough NE Spg 6/10/2017	Fish Slough NW Spg 6/10/2017	GAMA 1 Laws 10/5/2006	GAMA 2 Laws 10/5/2006	GAMA 3 Chalfant 10/5/2006	GAMA 4 Chalfant 9/11/2006	GAMA 5 Hammil 10/2/2006	GAMA 7 Benton 10/28/2010
Calcium	mg/L	27	26	5.4	5.2	37	17.2	26.3	35	28	85.4	51.8	51.6	44.2	43.2	43.1
Magnesium	mg/L	2.7	2.5	3.4	5.1	3.1	2.94	5.12	5.3	3.5	14.8	16.4	5.6	6.14	4.23	5.94
Sodium	mg/L	69	69	25	31	44	61.9	11.1	26	48	64.6	34.3	10.6	42.3	8.49	22.9
Potassium	mg/L	4.5	4.5	3.1	5	1.8	5.61	3.28	4.5	3.4	8.34	5.24	5.03	4.09	4.43	5.14
Bicarbonate	mg/L	150	150	85	99	140	111	102	110	120	228	161	99.2	128	117	167
Sulfate	mg/L	58	58	8	9.7	75	60.8	4.67	69	45	160	99.9	77.4	92	23.3	14.5
Chloride	mg/L	19	21	4.1	5.1	9.2	27.9	3.78	4.4	12	24.4	7.82	2.8	8.23	4.4	3.51
Dissolved Solids	mg/L	360	370	150	160	350	303	184	290	300	579	383	277	294	201	236
pH	pH	8.1	7.9	8.3	8.1	7.8	6.84	7.33	7.9	7.9	7.7	7.5	8	7.8	8.1	7.3
Fluoride	mg/L	0.66	0.73	0.29	< 0.25	0.82	1.53	< 0.25	0.38	0.5	0.19	0.25	0.64	0.48	0.19	1.3
Nitrate	mg/L	0.41	0.41	0.26	0.27	< 0.25	1.09	1.47	0.49	0.61	5.21	0.953	1.3	0.115	< 0.002	2.08
Hardness	mg CaCO ₃ /kg	79	75	28	34	100	55.1	86.7	110	84	275	198	152	136	126	133
Beryllium	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	0.00006	0.00006	0.00006	< 60E-6	< 60E-6	< 6E-6
Vanadium	mg/L	< 0.01	< 0.01	< 0.01	0.01	0.01	0.0134	0.0136	< 0.01	< 0.01	0.0015	0.0029	0.0052	0.0011	0.0019	0.007
Chromium	mg/L	0.011	0.015	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.001	8.00E-04	7.10E-04	< 0.001	0.0011	0.002
Iron	mg/L	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	0.696			< 0.003	< 0.006	< 0.006	< 0.006	< 0.006	< 0.0032
Cobalt	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	2.00E-05	2.00E-05	< 40E-6	< 40E-6	< 40E-6	
Nickel	mg/L	0.036	< 0.01	< 0.01	< 0.01	< 0.01	0.026	< 0.01	0.014	< 0.01	< 40E-6	< 40E-6	< 50E-6	8.10E-04	< 30E-6	< 90E-6
Copper	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 640E-6	< 0.0014	< 310E-6	< 600E-6	< 40E-6	0.0025
Zinc	mg/L	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.0014	< 0.0019	0.0203	< 0.0036	< 600E-6	0.0103
Arsenic	mg/L	0.0099	0.0095	0.0057	0.007	0.0093	0.0152	< 0.005	0.0052	0.009	0.0019	0.003	0.0051	0.0023	0.0018	0.0033
Selenium	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.0011	5.00E-04	5.10E-04	2.00E-04	0.0016	3.10E-04
Molybdenum	mg/L	0.02	0.023	0.0069	0.0071	0.013	0.0227	< 0.005	0.014	0.015	0.00272	0.0025	0.0112	0.00544	0.0069	0.00515
Silver	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 100E-6	< 0.0	< 100E-6	< 200E-6		< 50E-6
Cadmium	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 40E-6	< 0.0	2.00E-05	4.00E-04	2.00E-05	< 16E-6
Antimony	mg/L	< 0.003	< 0.003	< 0.003	< 0.003	0.23	< 0.003	< 0.003	< 0.003	< 0.003	9.00E-05	0	1.90E-04	1.00E-04	1.40E-04	3.38E-04
Barium	mg/L	0.019	0.017	< 0.005	0.0052	0.01	0.0189	0.0583	0.03	< 0.005	0.0449	0.0636	0.0373	0.179	0.135	0.893
Mercury	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				< 100E-6	< 10E-6	
Thallium	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 40E-6	< 400E-6	< 400E-6	< 400E-6	< 40E-6	< 10E-6
Lead	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.00118	1.40E-04	< 140E-6	0.00156	< 11E-6	< 816E-6
Manganese	mg/L						0.00547	0.269			4.40E-04	2.00E-04	3.30E-04	< 100E-6	< 200E-6	< 130E-6
Silica	mg/L										55.8	57	46.7	22	38.2	44.1