

Subject Number	Collection Date	Cl ⁻	NO ₃ ⁻	SO ₄ ⁻²	Na ⁺	NH ₄ ⁺	K ⁺	Mg ⁺²	Ca ⁺²	Reduction Potential Class (Reduced or Oxidized)	Presence of H ₂ S?
2	8/6/2014	14.72 ± 2.76	0.00 ± 0.00	0.31 ± 0.19	17.47 ± 2.91	0.69 ± 0.80	4.63 ± 0.64	0.18 ± 0.03	2.30 ± 0.17	Oxidized	No
6	8/13/2014	20.87 ± 0.74	1.01 ± 0.01	0.47 ± 0.02	32.68 ± 1.02	5.19 ± 0.66	9.83 ± 0.39	0.68 ± 0.04	1.62 ± 0.20	Oxidized	No
9	5/12/2014	6.92 ± 0.91	0.07 ± 0.05	0.07 ± 0.07	12.63 ± 0.65	5.27 ± 0.24	3.47 ± 0.24	0.40 ± 0.17	0.63 ± 0.30	Reduced	Yes
10	7/21/2014	29.02 ± 0.51	0.53 ± 0.93	0.48 ± 0.02	32.23 ± 0.55	5.20 ± 0.08	11.58 ± 0.04	0.55 ± 0.00	1.25 ± 0.06	Oxidized	No
10	5/5/2014	36.51 ± 0.54	0.60 ± 0.77	0.40 ± 0.04	40.56 ± 0.78	7.30 ± 0.09	14.29 ± 0.27	0.67 ± 0.02	2.19 ± 0.79	Oxidized	No
10	8/6/2014	17.32 ± 2.20	0.26 ± 0.65	0.30 ± 0.07	20.53 ± 1.84	7.55 ± 0.64	7.89 ± 0.08	0.47 ± 0.04	1.40 ± 0.13	Reduced	Yes
10	9/17/2014	35.19 ± 0.30	0.74 ± 0.64	0.33 ± 0.04	38.34 ± 0.36	5.67 ± 0.22	9.70 ± 0.61	0.29 ± 0.03	1.15 ± 0.09	Oxidized	No
19	4/21/2014	18.17 ± 1.17	0.12 ± 0.03	0.21 ± 0.02	29.72 ± 1.84	5.09 ± 0.17	5.65 ± 0.30	1.08 ± 0.06	1.76 ± 0.06	Oxidized	No
19	9/10/2014	12.41 ± 0.70	1.09 ± 0.01	0.11 ± 0.02	19.09 ± 1.14	2.45 ± 0.09	3.25 ± 0.16	0.24 ± 0.03	0.60 ± 0.14	Oxidized	No
22	7/28/2014	10.40 ± 0.32	0.00 ± 0.00	0.44 ± 0.02	14.95 ± 0.42	8.66 ± 0.96	5.47 ± 0.34	0.53 ± 0.04	1.10 ± 0.10	Reduced	Yes
29	6/16/2014	29.67 ± 0.83	0.73 ± 0.09	0.85 ± 0.12	50.23 ± 1.36	6.37 ± 1.44	11.05 ± 0.42	1.28 ± 0.20	1.25 ± 0.35	Oxidized	No
30	2/17/2014	79.95 ± 2.57	0.22 ± 0.10	0.72 ± 0.15	73.19 ± 2.55	10.33 ± 0.36	24.10 ± 0.88	0.70 ± 0.04	1.80 ± 0.26	Reduced	No
30	8/11/2014	19.11 ± 1.07	0.37 ± 0.64	0.18 ± 0.05	22.05 ± 0.86	4.58 ± 0.57	7.60 ± 0.38	0.11 ± 0.03	0.67 ± 0.07	Oxidized	Yes
32	7/30/2014	3.48 ± 0.23	0.00 ± 0.00	0.07 ± 0.01	7.23 ± 0.17	1.96 ± 0.03	0.65 ± 0.01	0.31 ± 0.00	0.97 ± 0.20	Reduced	Yes
36	3/12/2014	17.44 ± 0.48	0.09 ± 0.12	0.13 ± 0.06	22.15 ± 0.20	3.94 ± 0.17	3.60 ± 0.11	0.30 ± 0.15	1.14 ± 0.61	Not measured	No
36	6/18/2014	20.86 ± 9.59	0.20 ± 0.46	0.32 ± 0.15	23.77 ± 9.07	3.73 ± 1.05	6.04 ± 1.68	0.23 ± 0.14	0.85 ± 0.45	Reduced	Yes
36	7/21/2014	19.82 ± 0.21	1.58 ± 0.03	0.08 ± 0.03	19.53 ± 0.24	3.01 ± 0.04	5.63 ± 0.08	0.39 ± 0.04	1.45 ± 0.04	Reduced	No
41	4/28/2014	20.94 ± 0.49	0.50 ± 0.50	0.36 ± 0.04	23.95 ± 0.43	4.05 ± 0.17	7.50 ± 0.32	0.45 ± 0.15	1.81 ± 0.71	Reduced	No
41	4/30/2014	20.87 ± 1.12	0.37 ± 0.49	0.08 ± 0.03	22.25 ± 1.28	3.55 ± 0.15	11.33 ± 0.41	0.51 ± 0.17	1.13 ± 0.24	Oxidized	No
41	8/4/2014	6.98 ± 0.18	1.50 ± 0.02	0.22 ± 0.04	9.63 ± 0.17	2.03 ± 1.13	2.64 ± 0.18	0.35 ± 0.02	1.97 ± 0.31	Oxidized	No
Overall Average		23.63 ± 2.03	0.51 ± 0.31	0.40 ± 0.11	29.86 ± 1.93	5.50 ± 0.42	9.19 ± 0.37	0.66 ± 0.06	1.41 ± 0.22		