2009 Drinking Water Chemical Analysis

Sample Site	Date Collected	pH	Cond. (µS)	TDS (mg/L)	Sal (%)	Cl^- (mg/L)	Alk (mg/L)	Hard (mg/L)	Ca^{2+} (mg/L)	Mg^{2+} (mg/L)	NO_3^- (mg/L)	F^- (mg/L)	SO_4^{2-} (mg/L)	PO_4^{3-} (mg/L)	Cu (mg/L)	Fe^{2+} (mg/L)
Well 1	1/21/2009	7.6	709	338	0.3	50	172	246	68.8	43.06	2.9	1.13	66	0.5	0.00	0.00
Well 2	1/21/2009	7.6	642	305	0.3	45	166	210	64.8	35.28	2.4	1.44	55	0.7	0.00	0.00
Well 3	1/21/2009	7.4	892	425	0.4	85	190	262	65.6	47.73	2.7	1.26	87	0.1	0.00	0.00
Well 4	1/21/2009	7.4	795	377	0.4	60	186	232	64.8	40.63	2.8	1.28	55	0.2	0.00	0.00
Well 5	1/21/2009	7.6	699	333	0.3	50	164	206	44.8	39.17	2.2	1.14	49	0.0	0.09	0.01
Well 6	1/21/2009	7.6	698	333	0.3	60	166	236	54.4	44.13	2.6	1.21	67	0.0	0.01	0.00
Well 7	1/21/2009	7.5	711	340	0.3	45	178	208	57.6	36.55	2.7	1.27	50	0.0	0.02	0.00
Well 8	1/21/2009	7.4	776	370	0.4	60	188	236	63.2	41.99	2.7	0.90	53	0.2	0.03	0.02
Well 9	1/21/2009	7.3	1286	622	0.6	185	192	382	112.0	65.61	2.9	0.88	63	0.0	0.00	0.00
Well 10	1/21/2009	7.2	1688	821	0.8	225	218	484	137.6	84.18	5.8	0.78	51	0.0	0.00	0.00
Well 11	1/21/2009	7.4	1271	616	0.6	170	188	330	96.8	56.67	3.0	0.82	63	0.7	0.00	0.00
Well 12	1/21/2009	7.2	1532	747	0.8	190	194	380	100.0	68.04	5.3	0.83	50	0.0	0.00	0.00
Well 14	1/21/2009	7.3	1660	811	0.8	270	238	416	148.0	65.12	2.3	0.61	62	0.4	0.03	0.00
Well 15	1/21/2009	7.5	924	444	0.4	120	140	288	60.0	55.40	2.4	1.03	75	0.4	0.00	0.00
Well 16	1/21/2009	7.5	1134	549	0.6	135	164	378	96.0	68.53	3.4	0.96	60	0.4	0.01	0.02
Well 17	1/21/2009	7.3	1529	747	0.8	210	210	410	128.8	68.33	4.1	0.73	55	0.0	0.03	0.00
Well 18	3/24/2009	8.0	970	448	0.5	180	128	394	106.4	69.89	1.2	1.26	61	2.9	0.03	0.01
Well 19	1/21/2009	7.4	1140	553	0.6	150	186	292	68.0	54.43	3.3	0.85	88	1.2	0.05	0.02
Well 20	1/21/2009	7.5	910	438	0.4	105	170	272	60.8	51.32	3.2	0.92	66	1.5	0.01	0.01
Well 21	1/21/2009	7.6	795	795	0.4	75	162	266	65.6	48.70	3.3	1.07	64	1.3	0.05	0.01
Well 22	1/21/2009	7.5	785	785	0.4	70	160	266	57.6	50.64	3.1	0.94	55	0.7	0.01	0.01
Well 23	1/21/2009	7.5	675	675	0.3	50	162	224	44.8	43.55	3.1	1.08	59	1.2	0.01	0.00
Well 24	1/21/2009	7.6	643	643	0.3	50	162	218	48.0	41.31	2.9	1.14	64	1.3	0.01	0.01
Well 25	1/21/2009	7.4	1004	1004	0.5	145	178	268	60.8	50.35	2.3	0.84	60	1.3	0.00	0.00
Well 26	1/21/2009	7.4	953	953	0.5	120	170	300	64.0	57.35	2.8	0.92	71	2.4	0.02	0.00
Well 27	1/21/2009	7.5	937	937	0.5	95	162	300	76.8	54.24	3.1	0.90	88	3.3	0.00	0.00
Well 28	1/21/2009	7.6	651	651	0.3	55	170	214	46.4	40.73	3.0	0.91	53	2.1	0.00	0.01
Well 29	1/21/2009	7.3	1376	1376	0.7	220	156	404	95.2	75.04	3.3	0.60	109	3.0	0.03	0.04
Total		208.8	27785	17436	13.5	3275	4920	8322	2157.6	1497.95	84.8	27.70	1799	25.8	0.44	0.17
High		8.0	1688	1376	0.8	270	238	484	148.0	84.18	5.8	1.44	109	3.3	0.09	0.04
Low		7.2	642	305	0.3	45	128	206	44.8	35.28	1.2	0.60	49	0.0	0.00	0.00
Avg.		**7.5**	**992**	**623**	**0.5**	**117**	**176**	**297**	**77.1**	**53.50**	**3.0**	**0.99**	**64**	**0.9**	**0.02**	**0.01**
Test		28	28	28	28	28	28	28	28	28	28	28	28	28	28	28