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	10/28/2009	7.9	653	312	0.3	50	178	264	56.0	50.54	3.9	0.63	50	4.5	0.04	0.04
Well 2	10/28/2009	7.9	600	288	0.3	28	172	226	60.0	40.34	3.2	0.92	43	1.1	0.01	0.00
Well 3	10/28/2009	7.4	922	445	0.4	95	204	348	80.0	65.12	4.0	0.71	115	1.3	0.02	0.00
Well 4	10/28/2009	7.8	764	367	0.4	70	196	280	71.2	50.74	4.5	0.92	91	1.2	0.03	0.01
Well 5	10/28/2009	8.0	630	303	0.3	39	176	194	54.4	33.92	2.9	0.87	85	3.7	0.01	0.01
Well 6	10/28/2009	8.4	652	312	0.3	50	168	234	48.8	45.00	4.2	0.73	52	1.4	0.04	0.00
Well 7	10/28/2009	7.6	677	323	0.3	60	184	224	52.8	41.60	3.9	0.76	90	3.2	0.02	0.01
Well 8	10/28/2009	7.7	651	312	0.3	40	180	262	69.6	46.75	3.3	0.73	83	2.1	0.01	0.01
Well 9	10/28/2009	7.7	1238	601	0.6	169	194	438	103.2	81.36	3.3	0.86	181	2.2	0.01	0.02
Well 10	10/28/2009	7.7	1593	783	0.8	230	220	536	112.0	103.03	8.3	0.61	52	1.6	0.01	0.01
Well 11	10/28/2009	6.8	1389	680	0.7	215	202	392	102.4	70.37	4.1	0.74	57	1.5	0.00	0.00
Well 12	10/28/2009	7.2	1467	714	0.7	190	202	432	142.4	70.37	5.0	0.81	50	3.1	0.00	0.02
Well 14	10/28/2009	7.2	1580	773	0.8	250	222	494	141.6	85.63	4.2	0.78	60	3.6	0.03	0.01
Well 15	10/28/2009	7.4	859	415	0.4	108	146	316	76.0	58.32	3.1	1.26	122	2.2	0.00	0.01
Well 16	10/28/2009	7.4	1125	542	0.5	144	158	418	98.4	77.66	3.4	0.76	61	1.9	0.00	0.01
Well 18	10/28/2009	7.3	874	420	0.4	93	166	330	84.8	59.58	3.0	0.98	130	1.8	0.01	0.01
Well 19	10/28/2009	7.7	1044	506	0.5	135	182	326	64.0	63.67	4.0	0.85	157	2.5	0.00	0.01
Well 20	10/28/2009	7.6	749	289	0.3	50	158	230	61.6	40.92	3.9	0.96	65	2.3	0.01	0.00
Well 21	10/28/2009	7.6	629	360	0.4	90	162	286	64.0	53.95	3.9	0.91	110	3.5	0.00	0.01
Well 22	10/28/2009	7.5	682	305	0.3	55	168	254	70.4	44.61	3.7	0.72	103	4.3	0.01	0.00
Well 23	10/28/2009	7.5	1088	328	0.3	125	190	356	107.2	60.46	4.1	0.75	181	3.6	0.01	0.01
Well 24	10/28/2009	7.6	603	527	0.5	41	154	172	65.6	25.86	3.7	1.10	91	1.6	0.01	0.00
Well 25	10/28/2009	7.4	1469	290	0.3	270	206	368	123.2	59.49	3.4	0.64	152	1.5	0.00	0.01
Well 26	10/28/2009	7.6	1019	717	0.7	190	180	364	83.2	68.23	4.1	0.85	138	1.2	0.02	0.00
Well 27	10/28/2009	7.2	1176	492	0.5	130	200	336	130.4	49.96	4.5	0.77	206	2.8	0.00	0.01
Well 28	10/28/2009	7.3	642	306	0.3	60	176	248	59.2	45.88	3.0	0.90	95	2.5	0.01	0.02
Well 29	10/28/2009	7.1	1551	761	0.8	246	206	518	188.8	80.00	4.6	0.60	56	2.1	0.00	0.02
Total		203.3	26326	12471	12.4	3223	4950	8846	2371.2	1573.38	107.2	22.12	2676	64.3	0.31	0.26
High		8.4	1593	783	0.8	270	222	536	188.8	103.03	8.3	1.26	206	4.5	0.04	0.04
Low		6.8	600	288	0.3	28	146	172	48.8	25.86	2.9	0.60	43	1.1	0.00	0.00
Avg.		**7.5**	**975**	**462**	**0.5**	**119**	**183**	**328**	**87.8**	**58.27**	**4.0**	**0.82**	**99**	**2.4**	**0.01**	**0.01**
Test		27	27	27	27	27	27	27	27	27	27	27	27	27	27	27