

APPENDIX 1

Groundwater Monitoring Data

Well ID	Temp (°C)	EC (uS/cm)	pH	DO (mg/L)	ORP (mV)	Specific Gravity	SG Temp (°C)	Corrected Specific Gravity	Ground Level (mAHD)	TOC (mAHD)	SWL (mtoc)	SWL (mAHD)	SWL (mbgl)	Well Total Depth (mbgl)	Height of Water in Well (m)	Vol of Water in Well (L)	Total volume purged (L)	Easting	Northing	RL Elevation	ID	
P01	21.0	148541	6.0	6.99	-300.1	1.060000	25.2	1.059995	2.76	3.61	2.76	0.85	1.91	3.50	1.59	3.12	40.0	274887.281	6152326.273	2.76	P01	
P02	23.9	161339	6.5	4.24	-48.5	1.135900	24.0	1.135928	1.49	2.27	1.19	1.09	0.41	1.60	1.20	2.35	4.0	274909.939	6152301.477	1.49	P02	
P03	24.2	163699	6.2	3.42	-377.7	1.140800	24.6	1.140811	1.45	2.21	1.14	1.08	0.38	1.20	0.83	1.62	1.2	274905.825	6152300.788	1.45	P03	
P04	24.3	159633	6.7	2.54	-311.0	1.134800	24.1	1.134826	1.46	2.32	1.29	1.04	0.43	1.60	1.18	2.31	1.0	274907.159	6152381.397	1.46	P04	
P05	23.9	145190	6.5	4.91	-208.4	1.119700	24.1	1.119725	1.44	2.21	1.14	1.07	0.37	1.00	0.63	1.24	1.2	274903.710	6152382.892	1.44	P05	
P06	20.6	121975	6.7	3.43	-100.4	1.069700	23.9	1.069729	2.44	3.22	2.55	0.68	1.77	3.40	1.64	3.21	1.0	275721.220	6150914.023	2.44	P06	
P07	25.2	163953	6.4	2.36	-347.5	1.139100	25.6	1.139083	1.47	2.26	1.51	0.75	0.72	1.70	0.98	1.92	1.0	275709.538	6151010.511	1.47	P07	
P08	25.0	159347	6.4	2.97	-333.4	1.130400	25.2	1.130394	1.48	2.27	1.27	1.00	0.48	1.00	0.52	1.02	3.9	275708.640	6151014.991	1.48	P08	
P09	22.4	162798	6.0	2.71	-93.5	1.137800	24.7	1.137809	2.61	3.45	2.51	0.95	1.67	2.70	1.04	2.03	1.0	276510.671	6150880.484	2.61	P09	
P10	25.1	167277	6.4	1.15	-325.2	1.149800	26.9	1.149745	1.51	2.33	1.34	0.99	0.52	1.20	0.68	1.34	2.5	276445.664	6150916.623	1.51	P10	
P11	25.5	169258	6.3	1.26	-337.5	1.149300	27.1	1.149240	1.52	2.26	1.04	1.22	0.30	0.55	0.25	0.49	0.8	276447.268	6150919.749	1.52	P11	
P12	22.4	137303	6.7	2.42	-149.6	1.131200	23.7	1.131237	2.88	3.72	2.21	1.51	1.37	2.70	1.33	2.61	1.0	276792.319	6150942.995	2.88	P12	
P13	24.2	115197	6.4	4.96	-325.5	1.115300	27.2	1.115239	1.95	2.74	1.26	1.48	0.47	1.40	0.93	1.83	9.5	276734.976	6150933.996	1.95	P13	
P14	23.9	72008	6.4	4.31	-277.4	1.045800	25.1	1.045797	1.97	2.71	1.03	1.69	0.29	0.50	0.22	0.42	0.5	276730.225	6150934.417	1.97	P14	
P15	21.4	135001	6.4	2.37	-57.9	1.107400	26.2	1.107367	2.40	3.20	2.54	0.67	1.74	2.70	0.97	1.90	6.2	275601.605	6152681.869	2.40	P15	
P16	22.9	134609	6.9	2.47	-69.4	1.103900	28.2	1.103812	2.38	3.22	1.54	1.69	0.70	1.20	0.51	0.99	6.0	275601.063	6152683.833	2.38	P16	
P17	23.3	140982	6.0	3.34	-311.2	0.940400	25.9	0.940379	1.87	2.64	0.95	1.69	0.18	1.30	1.12	2.20	1.8	275530.124	6152623.447	1.87	P17	
P18	23.8	154743	6.3	3.02	-74.8	1.128700	27.2	1.128638	1.86	2.70	1.03	1.68	0.19	0.60	0.42	0.81	10.5	275527.009	6152629.276	1.86	P18	
P19	22.2	116933	6.7	4.13	-16.1	1.089700	24.7	1.089708	2.46	3.28	1.43	1.86	0.61	2.70	2.10	4.11	1.0	275778.529	6152665.715	2.46	P19	
P20	22.6	112489	6.8	4.27	-18.7	1.085900	25.9	1.085876	2.48	3.30	1.44	1.86	0.62	1.10	0.48	0.94	4.2	275776.618	6152665.986	2.48	P20	
P21	21.9	169714	6.2	1.23	-64.5	1.148800	23.1	1.148855	2.48	3.33	1.67	1.66	0.82	2.70	1.88	3.69	3.7	276363.157	6151507.783	2.48	P21	
P22	22.0	161774	6.4	1.36	-81.3	1.140900	23.9	1.140931	2.49	3.34	1.67	1.67	0.82	1.70	0.88	1.73	1.0	276362.869	6151509.096	2.49	P22	
P23	24.9	171693	6.1	1.12	-45.5	1.149300	26.2	1.149266	1.94	2.68	1.19	1.50	0.45	1.10	0.66	1.29	0.7	276276.145	6151480.994	1.94	P23	
P24	24.4	60844	6.5	2.04	-280.2	1.038800	25.1	1.038797	1.97	2.71	1.15	1.56	0.41	0.60	0.19	0.37	0.7	276275.319	6151484.526	1.97	P24	
P25	23.3	1472056	6.6	3.25	-268.9	1.072300	21.9	1.072383	1.98	2.74	1.15	1.59	0.39	1.00	0.61	1.19	1.2	277981.625	6149248.121	1.98	P25	
P26	23.4	97970	6.7	3.89	-274.0	1.041900	21.1	1.042002	2.00	2.80	1.08	1.72	0.28	0.70	0.42	0.82	1.5	277979.493	6149250.104	2.00	P26	
P27	22.0	168557	6.1	3.31	36.9	1.149300	20.2	1.149438	2.87	3.66	2.25	1.41	1.46	2.70	1.24	2.44	2.2	278678.375	6148373.599	2.87	P27	
P28	23.6	169248	6.4	2.00	-237.3	1.062700	20.6	1.062817	2.06	2.92	1.23	1.69	0.37	1.50	1.13	2.22	3.0	278635.052	6148403.384	2.06	P28	
P29	23.5	126017	6.4	3.58	-328.6	1.052400	20.7	1.052513	2.04	2.80	0.88	1.92	0.12	0.70	0.58	1.13	1.0	278634.095	6148399.028	2.04	P29	
P30	21.6	171292	6.1	2.70	-89.9	1.123900	20.1	1.124038	2.44	3.17	2.37	0.80	1.64	2.70	1.06	2.07	1.0	278308.985	6148231.001	2.44	P30	
P31	23.8	142488	6.7	2.34	-124.9	1.029100	20.1	1.029226	1.90	2.74	1.60	1.14	0.76	1.50	0.74	1.46	3.2	278315.556	6148234.350	1.90	P31	
P32	24.6	127005	6.7	2.29	-175.6	1.036700	21.7	1.036786	1.97	2.74	1.11	1.63	0.34	0.70	0.36	0.71	3.0	278311.151	6148240.235	1.97	P32	
P33	23.7	95240	7.1	3.31	33.2	1.103900	21.4	1.103999	3.07	3.87	1.94	1.93	1.14	2.70	1.56	3.06	0.7	278740.242	6148620.171	3.07	P33	
Sample Date	13/03/2014																					



a better approach

Well ID	Temp (°C)	EC (uS/cm)	pH	DO (mg/L)	ORP (mV)	Specific Gravity	SG Temp (°C)	Corrected Specific Gravity	Ground Level (mAHD)	TOC (mAHD)	SWL (mtoc)	SWL (mAHD)	SWL (mbgl)	Well Total Depth (mbgl)	Height of Water in Well (m)	Vol of Water in Well (L)	Total volume purged (L)	Easting	Northing	RL Elevation	ID	
P01	21.4	181534	6.3	3.47	-279.9	1.056900	26.7	1.056855	2.76	3.61	2.70	0.91	1.85	3.50	1.65	3.25	1.0	274887.281	6152326.273	2.76	P01	
P02	23.5	198149	6.8	2.47	-195.9	1.135100	31.1	1.134927	1.49	2.27	1.14	1.13	0.36	1.60	1.24	2.44	1.0	274909.939	6152301.477	1.49	P02	
P03	23.7	200348	6.6	2.49	-324.3	1.142400	28.8	1.142291	1.45	2.21	1.09	1.12	0.33	1.20	0.87	1.71	1.0	274905.825	6152300.788	1.45	P03	
P04	24.1	197211	6.7	2.47	-292.3	1.136000	27.6	1.135926	1.46	2.32	1.25	1.07	0.39	1.60	1.21	2.38	1.0	274907.159	6152381.397	1.46	P04	
P05	23.8	184457	6.8	2.74	-311.9	1.119900	26.8	1.119850	1.44	2.21	1.12	1.09	0.35	1.00	0.65	1.27	0.7	274903.710	6152382.892	1.44	P05	
P06	20.4	175525	6.9	4.77	-90.1	1.043400	25.0	1.043400	2.44	3.22	2.55	0.67	1.77	3.40	1.63	3.21	1.0	275721.220	6150914.023	2.44	P06	
P07	24.4	200666	7.0	4.12	-327.5	1.141000	27.5	1.140929	1.47	2.26	1.48	0.78	0.69	1.70	1.01	1.99	1.0	275709.538	6151010.511	1.47	P07	
P08	24.2	193472	6.7	3.61	-323.7	1.123800	29.0	1.123688	1.48	2.27	1.16	1.11	0.37	1.00	0.63	1.24	1.0	275708.640	6151014.991	1.48	P08	
P09	22.8	199571	6.4	6.08	-34.9	1.135300	25.7	1.135280	2.61	3.45	2.46	0.99	1.62	2.70	1.08	2.11	1.0	276510.671	6150880.484	2.61	P09	
P10	24.9	205394	6.5	4.72	-314.5	1.144800	26.4	1.144760	1.51	2.33	1.46	0.87	0.64	1.20	0.56	1.09	0.7	276445.664	6150916.623	1.51	P10	
P11	24.5	207277	6.6	4.45	-317.1	1.146200	26.5	1.146157	1.52	2.26	1.07	1.19	0.33	0.55	0.22	0.43	0.3	276447.268	6150919.749	1.52	P11	
P12	21.7	203882	6.5	2.73	1.8	1.121900	24.9	1.121903	2.88	3.72	2.29	1.43	1.45	2.70	1.25	2.46	1.0	276792.319	6150942.995	2.88	P12	
P13	22.6	137373	6.8	3.58	-294.8	1.141300	24.9	1.141303	1.95	2.74	1.32	1.42	0.53	1.40	0.87	1.71	1.0	276734.976	6150933.996	1.95	P13	
P14	22.8	84309	6.8	4.77	-260.6	1.148900	24.1	1.148926	1.97	2.71	0.84	1.87	0.10	0.50	0.40	0.79	0.2	276730.225	6150934.417	1.97	P14	
P15	21.2	166098	6.6	3.48	145.6	1.176300	23.3	1.176350	2.40	3.20	2.63	0.57	1.83	2.70	0.87	1.71	1.7	275601.605	6152681.869	2.40	P15	
P16	21.8	158971	7.2	4.49	144.3	1.091700	23.7	1.091735	2.38	3.22	1.47	1.75	0.63	1.20	0.57	1.12	1.0	275601.063	6152683.833	2.38	P16	
P17	22.5	175250	6.4	2.89	-239.1	0.917300	24.1	0.917321	1.87	2.64	0.98	1.66	0.21	1.30	1.09	2.14	1.0	275530.124	6152623.447	1.87	P17	
P18	23.3	191643	6.4	2.61	-57.8	1.201700	24.3	1.201721	1.86	2.70	1.06	1.65	0.22	0.60	0.39	0.76	1.0	275527.009	6152629.276	1.86	P18	
P19	21.7	143001	7.0	3.90	141.1	1.092000	19.7	1.092145	2.46	3.28	1.41	1.87	0.59	2.70	2.11	4.14	1.0	275778.529	6152665.715	2.46	P19	
P20	21.6	137919	6.9	6.09	141.6	1.087400	20.1	1.087533	2.48	3.30	1.47	1.83	0.65	1.10	0.45	0.89	5.2	275776.618	6152665.986	2.48	P20	
P21	21.5	210306	6.6	4.11	-1.3	1.192100	24.2	1.192124	2.48	3.33	1.71	1.62	0.86	2.70	1.84	3.62	3.6	276363.157	6151507.783	2.48	P21	
P22	21.6	204446	6.7	3.75	-31.6	1.123900	24.1	1.123925	2.49	3.34	1.71	1.63	0.86	1.70	0.84	1.65	1.0	276362.869	6151509.096	2.49	P22	
P23	23.9	210957	6.3	2.37	-69.0	1.131200	27.2	1.131138	1.94	2.68	1.22	1.46	0.48	1.10	0.62	1.22	1.0	276276.145	6151480.994	1.94	P23	
P24	23.2	73574	6.7	6.01	-223.6	1.067900	26.2	1.067868	1.97	2.71	1.19	1.52	0.45	0.60	0.15	0.29	1.3	276275.319	6151484.526	1.97	P24	
P25	22.9	158882	6.7	5.59	-179.9	1.081200	23.4	1.081243	1.98	2.74	1.17	1.58	0.41	1.00	0.60	1.17	1.2	277981.625	6149248.121	1.98	P25	
P26	22.9	126743	6.8	9.13	-204.9	1.051300	24.2	1.051321	2.00	2.80	1.17	1.63	0.37	0.70	0.33	0.65	0.5	277979.493	6149250.104	2.00	P26	
P27	22.7	193528	6.7	3.64	42.4	1.147300	23.4	1.147346	2.87	3.66	2.30	1.36	1.51	2.70	1.19	2.34	2.1	278678.375	6148373.599	2.87	P27	
P28	23.4	207011	6.6	2.58	-264.3	1.073100	24.6	1.073111	2.06	2.92	1.31	1.61	0.45	1.50	1.05	2.07	1.5	278635.052	6148403.384	2.06	P28	
P29	22.7	145634	6.7	3.86	-306.8	1.061300	23.7	1.061334	2.04	2.80	0.93	1.88	0.17	0.70	0.54	1.05	0.5	278634.095	6148399.028	2.04	P29	
P30	22.3	210207	6.5	5.09	-50.3	1.134300	24.7	1.134309	2.44	3.17	2.29	0.88	1.56	2.70	1.14	2.25	1.0	278308.985	6148231.001	2.44	P30	
P31	23.7	181716	6.9	6.53	-70.4	1.115800	24.2	1.115822	1.90	2.74	1.56	1.18	0.72	1.50	0.78	1.53	0.7	278315.556	6148234.350	1.90	P31	
P32	23.6	171560	6.8	5.11	-227.1	1.093700	24.8	1.093705	1.97	2.74	1.03	1.71	0.26	0.70	0.44	0.86	0.5	278311.151	6148240.235	1.97	P32	
P33	23.6	128443	7.2	6.07	-4.2	1.107500	22.4	1.107572	3.07	3.87	2.00	1.87	1.20	2.70	1.50	2.95	1.0	278740.242	6148620.171	3.07	P33	
Sample Date																						
20/03/2014																						

Well ID	Temp (°C)	EC (uS/cm)	pH	DO (mg/L)	ORP (mV)	Specific Gravity	SG Temp (°C)	Corrected Specific Gravity	Ground Level (mAHD)	TOC (mAHD)	SWL (mtoc)	SWL (mAHD)	SWL (mbgl)	Well Total Depth (mbgl)	Height of Water in Well (m)	Vol of Water in Well (L)	Total volume purged (L)	Easting	Northing	RL Elevation	ID	
P01	21.1	158964	6.4	15.00	-311.4	1.060000	22.5	1.060066	2.76	3.61	2.64	0.97	1.79	3.50	1.71	3.36	1.0	274887.281	6152326.273	2.76	P01	
P02	22.9	178840	6.9	11.30	-273.8	1.124800	23.2	1.124851	1.49	2.27	1.13	1.14	0.35	1.60	1.25	2.45	1.0	274909.939	6152301.477	1.49	P02	
P03	23.0	190523	7.0	23.20	-339.8	1.164100	23.3	1.164149	1.45	2.21	1.09	1.12	0.33	1.20	0.87	1.70	1.0	274905.825	6152300.788	1.45	P03	
P04	22.9	182367	6.8	5.50	-264.8	1.134600	23.2	1.134651	1.46	2.32	1.23	1.09	0.37	1.60	1.23	2.42	1.0	274907.159	6152381.397	1.46	P04	
P05	22.1	188350	7.3	6.90	-279.7	1.148700	22.5	1.148772	1.44	2.21	1.09	1.12	0.32	1.00	0.68	1.33	1.0	274903.710	6152382.892	1.44	P05	
P06	20.2	171598	7.1	15.70	-177.9	1.052600	21.7	1.052687	2.44	3.22	2.40	0.83	1.62	3.40	1.79	3.51	1.0	275721.220	6150914.023	2.44	P06	
P07	23.4	183572	6.8	4.60	-333.3	1.136900	23.7	1.136937	1.47	2.26	1.40	0.86	0.61	1.70	1.09	2.15	1.0	275709.538	6151010.511	1.47	P07	
P08	22.9	175532	6.9	9.10	-345.9	1.126900	23.1	1.126954	1.48	2.27	1.25	1.02	0.46	1.00	0.54	1.06	1.0	275708.640	6151014.991	1.48	P08	
P09	22.2	180466	6.5	4.00	-70.8	1.137800	23.9	1.137831	2.61	3.45	2.52	0.93	1.68	2.70	1.02	2.01	1.0	276510.671	6150880.484	2.61	P09	
P10	23.2	188556	6.7	2.80	-344.3	1.141900	23.8	1.141934	1.51	2.33	1.39	0.95	0.57	1.20	0.64	1.25	1.0	276445.664	6150916.623	1.51	P10	
P11	22.8	183723	6.7	8.20	-337.9	1.145100	23.3	1.145149	1.52	2.26	1.11	1.15	0.37	0.55	0.18	0.35	0.5	276447.268	6150919.749	1.52	P11	
P12	21.1	170129	6.7	3.00	-77.9	1.141100	22.0	1.141186	2.88	3.72	2.35	1.37	1.51	2.70	1.19	2.34	1.0	276792.319	6150942.995	2.88	P12	
P13	22.2	171392	6.7	-1.90	-293.8	1.080900	23.1	1.080951	1.95	2.74	1.37	1.38	0.58	1.40	0.83	1.62	1.0	276734.976	6150933.996	1.95	P13	
P14	21.7	70009	6.9	24.70	-233.5	0.989900	23.1	0.989947	1.97	2.71	1.15	1.56	0.41	0.50	0.09	0.18	0.2	276730.225	6150934.417	1.97	P14	
P15	21.5	148414	7.0	32.00	217.4	1.101300	22.6	1.101366	2.40	3.20	1.53	1.68	0.73	2.70	1.98	3.88	1.0	275601.605	6152681.869	2.40	P15	
P16	21.4	146799	7.1	39.20	226.6	1.098800	22.0	1.098882	2.38	3.22	1.55	1.67	0.71	1.20	0.49	0.96	0.5	275601.063	6152683.833	2.38	P16	
P17	21.2	153521	6.7	17.30	-316.7	1.106000	21.5	1.106097	1.87	2.64	1.00	1.64	0.23	1.30	1.07	2.09	0.5	275530.124	6152623.447	1.87	P17	
P18	22.1	174522	6.6	1.00	-120.1	1.127300	22.2	1.127379	1.86	2.70	1.09	1.62	0.25	0.60	0.36	0.70	1.0	275527.009	6152629.276	1.86	P18	
P19	21.1	127060	7.2	18.40	168.4	1.086400	21.5	1.086495	2.46	3.28	1.52	1.76	0.70	2.70	2.00	3.92	1.0	275778.529	6152665.715	2.46	P19	
P20	21.1	121638	7.1	21.50	197.3	1.081000	21.8	1.081086	2.48	3.30	1.55	1.76	0.73	1.10	0.38	0.74	1.0	275776.618	6152665.986	2.48	P20	
P21	20.9	184027	6.8	15.30	27.2	1.148400	21.3	1.148506	2.48	3.33	1.74	1.59	0.89	2.70	1.81	3.56	1.0	276363.157	6151507.783	2.48	P21	
P22	21.2	187187	6.7	1.40	-81.4	1.144300	21.4	1.144403	2.49	3.34	1.75	1.59	0.90	1.70	0.80	1.58	0.7	276362.869	6151509.096	2.49	P22	
P23	23.0	193572	6.5	19.50	-20.6	1.147100	22.9	1.147160	1.94	2.68	1.24	1.44	0.50	1.10	0.60	1.18	0.5	276276.145	6151480.994	1.94	P23	
P24	22.4	81147	6.7	3.40	-274.9	1.043000	22.4	1.043068	1.97	2.71	1.23	1.48	0.49	0.60	0.11	0.22	1.0	276275.319	6151484.526	1.97	P24	
P25	22.1	173581	7.0	2.40	-175.1	1.097700	22.8	1.097760	1.98	2.74	1.26	1.49	0.50	1.00	0.51	0.99	1.3	277981.625	6149248.121	1.98	P25	
P26	21.7	131250	7.0	14.70	-310.0	1.084600	22.7	1.084662	2.00	2.80	1.24	1.57	0.44	0.70	0.27	0.52	1.0	277979.493	6149250.104	2.00	P26	
P27	21.9	186938	6.3	1.30	-2.6	1.132200	23.4	1.132245	2.87	3.66	2.49	1.17	1.70	2.70	1.00	1.96	1.5	278678.375	6148373.599	2.87	P27	
P28	22.8	184594	6.8	3.30	-313.7	1.137900	24.3	1.137920	2.06	2.92	1.40	1.52	0.54	1.50	0.96	1.89	1.0	278635.052	6148403.384	2.06	P28	
P29	22.4	173877	6.8	1.60	-322.7	1.113300	23.5	1.113342	2.04	2.80	1.02	1.79	0.26	0.70	0.45	0.87	1.0	278634.095	6148399.028	2.04	P29	
P30	21.9	187304	6.5	2.40	-80.3	1.153500	23.6	1.153540	2.44	3.17	2.31	0.87	1.58	2.70	1.13	2.21	1.0	278308.985	6148231.001	2.44	P30	
P31	23.0	187436	6.9	1.20	-258.6	1.120900	24.5	1.120914	1.90	2.74	1.62	1.12	0.78	1.50	0.72	1.41	0.8	278315.556	6148234.350	1.90	P31	
P32	22.9	162879	6.9	2.40	-282.6	1.105000	24.2	1.105022	1.97	2.74	1.12	1.62	0.35	0.70	0.35	0.69	0.8	278311.151	6148240.235	1.97	P32	
P33	22.5	144165	6.8	1.8	-46.8	1.084700	23.5	1.084741	3.07	3.87	2.13	1.74	1.33	2.70	1.37	2.68	1.0	278740.242	6148620.171	3.07	P33	
Sample Date																						
7/04/2014																						

Well ID	Temp (°C)	EC (uS/cm)	pH	DO (mg/L)	ORP (mV)	Specific Gravity	SG Temp (°C)	Corrected Specific Gravity	Ground Level (mAHD)	TOC (mAHD)	SWL (mtoc)	SWL (mAHD)	SWL (mbgl)	Well Total Depth (mbgl)	Height of Water in Well (m)	Vol of Water in Well (L)	Total volume purged (L)	Easting	Northing	RL Elevation	ID	
P01	19.3	74700	7.12	1.35	-214.0	1.03910	25.3	1.039092	2.76	3.61	2.70	0.91	1.85	3.50	1.65	3.24	32.0	274887.281	6152326.273	2.76	P01	
P02	21.1	194700	6.57	0.20	-237.3	1.54200	24.7	1.542012	1.49	2.27	1.170	1.10	0.39	1.60	1.21	2.38	4.8	274909.939	6152301.477	1.49	P02	
P03	21.6	191300	6.83	0.23	-328.8	1.14250	24.9	1.142503	1.45	2.21	1.125	1.09	0.37	1.20	0.84	1.64	5.9	274905.825	6152300.788	1.45	P03	
P04	20.3	180100	6.66	0.40	-311.2	1.13170	23.6	1.131740	1.46	2.32	1.265	1.06	0.41	1.60	1.20	2.35	18.6	274907.159	6152381.397	1.46	P04	
P05	22.1	209600	6.83	0.30	-221.5	1.17580	24.9	1.175803	1.44	2.21	1.150	1.06	0.38	1.00	0.62	1.22	6.9	274903.710	6152382.892	1.44	P05	
P06	18.3	59300	7.29	3.17	-154.4	1.03030	25.6	1.030285	2.44	3.22	2.430	0.79	1.65	3.40	1.75	3.44	1.0	275721.220	6150914.023	2.44	P06	
P07	21.8	179500	6.72	0.58	-295.1	1.13380	24.7	1.133809	1.47	2.26	1.450	0.81	0.66	1.70	1.04	2.04	4.7	275709.538	6151010.511	1.47	P07	
P08	22.4	182000	7.11	0.60	-282.8	1.12640	25.3	1.126392	1.48	2.27	1.195	1.08	0.41	1.00	0.60	1.17	2.7	275708.640	6151014.991	1.48	P08	
P09	19.6	176000	6.33	0.52	-37.4	1.13222	25.3	1.132212	2.61	3.45	2.516	0.93	1.68	2.70	1.02	2.01	21.0	276510.671	6150880.484	2.61	P09	
P10	22.6	208400	6.95	0.31	-318.8	1.19290	25.7	1.192879	1.51	2.33	1.285	1.05	0.47	1.20	0.74	1.44	2.2	276445.664	6150916.623	1.51	P10	
P11	24.2	213900	6.98	0.37	-296.9	1.20000	25.3	1.199991	1.52	2.26	0.99	1.27	0.25	0.55	0.30	0.59	6.6	276447.268	6150919.749	1.52	P11	
P12	18.8	171352	6.71	1.78	-86.0	1.14040	20.6	1.140525	2.88	3.72	2.46	1.26	1.62	2.70	1.08	2.12	6.0	276792.319	6150942.995	2.88	P12	
P13	20.4	1357620	7.00	3.51	-268.5	1.08910	24.0	1.089127	1.95	2.74	1.430	1.31	0.64	1.40	0.76	1.49	1.1	276734.976	6150933.996	1.95	P13	
P14	22.9	41524	7.38	2.99	-291.3	1.01970	24.6	1.019710	1.97	2.71	1.22	1.49	0.48	0.50	0.02	0.04	0.8	276730.225	6150934.417	1.97	P14	
P15	19.1	140958	7.34	3.4	-165.3	1.10070	21.7	1.100791	2.40	3.20	2.780	0.42	1.98	2.70	0.72	1.41	2.7	275601.605	6152681.869	2.40	P15	
P16	19.9	128527	7.29	3.31	-22.8	1.08580	24.7	1.085808	2.38	3.22	1.62	1.60	0.78	1.20	0.42	0.82	3.6	275601.063	6152683.833	2.38	P16	
P17	23.6	107439	7.45	2.53	-304.8	1.07080	25.5	1.070787	1.87	2.64	1.650	0.99	0.88	1.30	0.42	0.82	0.5	275530.124	6152623.447	1.87	P17	
P18	20.6	170683	6.68	1.98	-98.2	1.12440	25.5	1.124386	1.86	2.70	1.140	1.56	0.30	0.60	0.30	0.59	10.0	275527.009	6152629.276	1.86	P18	
P19	21.1	123364	7.33	4.62	-44.1	1.08340	24.7	1.083408	2.46	3.28	1.560	1.72	0.74	2.70	1.96	3.85	0.9	275778.529	6152665.715	2.46	P19	
P20	18.6	123155	7.36	7.21	-34.5	1.08280	27.1	1.082743	2.48	3.30	1.590	1.71	0.77	1.10	0.33	0.65	2.4	275776.618	6152665.986	2.48	P20	
P21	20.5	178992	6.86	2.82	-119.9	1.14600	34.2	1.145736	2.48	3.33	1.750	1.58	0.90	2.70	1.80	3.53	3.3	276363.157	6151507.783	2.48	P21	
P22	18.9	173202	6.80	2.42	-78.1	1.14000	23.3	1.140048	2.49	3.34	1.790	1.55	0.94	1.70	0.76	1.49	3.9	276362.869	6151509.096	2.49	P22	
P23	21.4	182028	6.67	1.56	-63.4	1.14020	24.4	1.140217	1.94	2.68	1.24	1.44	0.50	1.10	0.60	1.18	5.2	276276.145	6151480.994	1.94	P23	
P24	23.3	55222	7.53	4.40	-296.0	1.02770	26.8	1.027654	1.97	2.71	1.235	1.48	0.50	0.60	0.11	0.21	0.8	276275.319	6151484.526	1.97	P24	
P25	22.5	156200	7.17	1.36	-58.5	1.09850	23.6	1.098538	1.98	2.74	1.27	1.48	0.51	1.00	0.50	0.97	2.7	277981.625	6149248.121	1.98	P25	
P26	22.0	114400	6.91	0.64	-129.1	1.06320	26.4	1.063163	2.00	2.80	1.27	1.53	0.47	0.70	0.23	0.45	1.0	277979.493	6149250.104	2.00	P26	
P27	18.6	177700	6.18	0.66	-2.4	1.15070	19.6	1.150855	2.87	3.66	2.49	1.17	1.70	2.70	1.00	1.96	3.9	278678.375	6148373.599	2.87	P27	
P28	21.1	121655	7.35	3.11	-267.8	1.07930	24.1	1.079324	2.06	2.92	1.450	1.47	0.59	1.50	0.91	1.79	2.9	278635.052	6148403.384	2.06	P28	
P29	22.6	92758	7.24	2.70	-291.2	1.05120	24.2	1.051221	2.04	2.80	1.05	1.75	0.29	0.70	0.41	0.81	2.4	278634.095	6148399.028	2.04	P29	
P30	19.0	180478	6.64	1.60	-84.9	1.14750	20.7	1.147623	2.44	3.17	2.31	0.86	1.58	2.70	1.12	2.20	8.0	278308.985	6148231.001	2.44	P30	
P31	21.5	182839	6.82	1.31	-203.9	1.12770	23.4	1.127745	1.90	2.74	1.66	1.08	0.82	1.50	0.68	1.34	3.60	278315.556	6148234.350	1.90	P31	
P32	22.9	186216	7.08	2.47	-279.9	1.12430	25.2	1.124294	1.97	2.74	1.19	1.55	0.42	0.70	0.28	0.55	2.1	278311.151	6148240.235	1.97	P32	
P33	19.0	136400	6.50	0.97	129.4	1.09110	25.6	1.091084	3.07	3.87	2.29	1.58	1.49	2.70	1.21	2.38	36.0	278740.242	6148620.171	3.07	P33	
Sample Date	14/11/2014																					

Well ID	Temp (°C)	EC (uS/cm)	pH	DO (mg/L)	ORP (mV)	Specific Gravity	SG Temp (°C)	Corrected Specific Gravity	Ground Level (mAHD)	TOC (mAHD)	SWL (mtoc)	SWL (mAHD)	SWL (mbgl)	Well Total Depth (mbgl)	Height of Water in Well (m)	Vol of Water in Well (L)	Total volume purged (L)	Easting	Northing	RL Elevation	ID	
P01	20.3	72882.00	7.10	0.89	-264.3	1.0387	24.0	1.038726	2.76	3.61	2.73	0.88	1.88	3.50	1.62	3.18	18.00	274887.281	6152326.273	2.76	P01	
P02	22.2	197246.0	6.69	0.31	-264.9	1.1532	28.2	1.153108	1.49	2.27	1.200	1.07	0.42	1.60	1.18	2.32	6.00	274909.939	6152301.477	1.49	P02	
P03	23.4	192041.0	6.82	0.49	-321.6	1.1344	30.3	1.134250	1.45	2.21	1.070	1.14	0.31	1.20	0.89	1.75	5.60	274905.825	6152300.788	1.45	P03	
P04	21.5	182001.0	6.65	0.46	-306.5	1.1321	25.4	1.132089	1.46	2.32	1.260	1.06	0.40	1.60	1.20	2.36	8.00	274907.159	6152381.397	1.46	P04	
P05	23.7	210216.0	6.78	0.33	-311.6	1.1692	26.4	1.169159	1.44	2.21	1.130	1.08	0.36	1.00	0.64	1.26	5.20	274903.710	6152382.892	1.44	P05	
P06	19.0	68796.0	7.24	1.48	-219.6	1.0388	21.5	1.038891	2.44	3.22	2.380	0.84	1.60	3.40	1.80	3.53	20.00	275721.220	6150914.023	2.44	P06	
P07	22.8	180561.0	6.65	0.33	-319.0	1.1339	23.0	1.133957	1.47	2.26	1.380	0.88	0.59	1.70	1.11	2.18	7.00	275709.538	6151010.511	1.47	P07	
P08	23.1	173451.0	6.91	0.30	-298.9	1.1228	25.3	1.122792	1.48	2.27	1.120	1.15	0.33	1.00	0.67	1.32	1.50	275708.640	6151014.991	1.48	P08	
P09	22.1	185599.0	6.50	0.60	-150.1	1.1336	22.8	1.133662	2.61	3.45	2.510	0.94	1.67	2.70	1.03	2.02	6.40	276510.671	6150880.484	2.61	P09	
P10	24.0	211327.0	6.84	0.20	-321.4	1.1812	25.6	1.181182	1.51	2.33	1.240	1.09	0.42	1.20	0.78	1.53	2.00	276445.664	6150916.623	1.51	P10	
P11	23.8	210467.0	6.96	0.27	-308.4	1.1844	27.8	1.184317	1.52	2.26	0.95	1.31	0.21	0.55	0.34	0.67	2.30	276447.268	6150919.749	1.52	P11	
P12	19.8	177577.0	6.47	1.57	-10.1	1.1350	30.0	1.134858	2.88	3.72	2.52	1.20	1.68	2.70	1.02	2.00	12.50	276792.319	6150942.995	2.88	P12	
P13	22.6	164952.0	6.83	0.33	-175.2	1.1055	30.3	1.105354	1.95	2.74	1.450	1.29	0.66	1.40	0.74	1.45	1.65	276734.976	6150933.996	1.95	P13	
P14	23.9	40990.0	7.32	1.19	-283.6	1.0176	30.1	1.017470	1.97	2.71	1.24	1.48	0.50	0.50	0.00	0.01	0.30	276730.225	6150934.417	1.97	P14	
P15	20.3	147733.0	6.94	1.4	-100.9	1.1034	23.9	1.103430	2.4	3.2	1.590	1.61	0.79	2.70	1.91	3.75	4.10	275601.605	6152681.869	2.40	P15	
P16	21.2	133724.0	7.07	1.1	-116.7	1.0856	23.9	1.085630	2.38	3.22	1.61	1.61	0.77	1.20	0.43	0.84	1.40	275601.063	6152683.833	2.38	P16	
P17	23.0	114401.0	6.82	0.58	-336.1	1.0544	28.0	1.054321	1.87	2.64	1.100	1.54	0.33	1.30	0.97	1.90	0.30	275530.124	6152623.447	1.87	P17	
P18	22.6	179607.0	6.42	0.51	-115.9	1.1243	27.4	1.124233	1.86	2.7	1.100	1.60	0.26	0.60	0.34	0.67	8.00	275527.009	6152629.276	1.86	P18	
P19	22.6	128575.0	7.08	1.39	-168.0	1.0798	26.3	1.079765	2.46	3.28	1.570	1.71	0.75	2.70	1.95	3.83	0.70	275778.529	6152665.715	2.46	P19	
P20	20.0	123199.0	7.02	1.59	-150.4	1.0817	25.5	1.081686	2.48	3.3	1.570	1.73	0.75	1.10	0.35	0.69	4.50	275776.618	6152665.986	2.48	P20	
P21	19.7	174577.0	6.52	0.32	-54.2	1.1453	29.7	1.145165	2.48	3.33	1.800	1.53	0.95	2.70	1.75	3.44	3.00	276363.157	6151507.783	2.48	P21	
P22	20.9	180200.0	6.61	0.48	-70.0	1.1307	29.1	1.130584	2.49	3.34	1.805	1.54	0.96	1.70	0.75	1.46	14.00	276362.869	6151509.096	2.49	P22	
P23	25.1	195490.0	6.51	0.20	-160.4	1.1365	29.4	1.136375	1.94	2.68	1.23	1.45	0.49	1.10	0.61	1.20	4.60	276276.145	6151480.994	1.94	P23	
P24	28.2	55925.0	7.33	0.13	-366.6	1.0204	28.8	1.020303	1.97	2.71	1.230	1.48	0.49	0.60	0.11	0.22	0.70	276275.319	6151484.526	1.97	P24	
P25	22.1	156855.0	7.04	0.82	-192.9	1.1023	23.6	1.102339	1.98	2.74	1.21	1.53	0.45	1.00	0.55	1.08	1.10	277981.625	6149248.121	1.98	P25	
P26	22.7	117781.0	6.80	0.96	-212.6	1.0667	23.1	1.066751	2	2.8	1.26	1.54	0.46	0.70	0.24	0.47	0.50	277979.493	6149250.104	2.00	P26	
P27	19.1	177000.0	6.17	0.98	108.5	1.1462	19.8	1.146349	2.87	3.66	2.67	0.99	1.88	2.70	0.82	1.61	1.80	278678.375	6148373.599	2.87	P27	
P28	21.3	102467.0	6.98	0.35	-263.0	1.0625	24.8	1.062505	2.06	2.92	1.385	1.54	0.53	1.50	0.98	1.91	1.90	278635.052	6148403.384	2.06	P28	
P29	22.7	88448.0	6.99	0.82	-307.2	1.0483	23.8	1.048331	2.04	2.8	1.10	1.70	0.34	0.70	0.36	0.71	2.40	278634.095	6148399.028	2.04	P29	
P30	19.9	184495.0	6.27	0.35	-64.6	1.1436	30.3	1.143448	2.44	3.17	2.295	0.88	1.57	2.70	1.14	2.23	28.00	278308.985	6148231.001	2.44	P30	
P31	23.0	186866.0	6.58	0.11	-117.5	1.1267	30.1	1.126556	1.9	2.74	1.65	1.09	0.81	1.50	0.69	1.35	2.50	278315.556	6148234.350	1.90	P31	
P32	23.8	187312.0	6.84	0.41	-297.2	1.1224	30.0	1.122260	1.97	2.74	1.205	1.54	0.44	0.70	0.27	0.52	3.00	278311.151	6148240.235	1.97	P32	
P33	20.1	127690.0	6.55	1.26	256.9	1.0781	30.1	1.077963	3.07	3.87	2.38	1.49	1.58	2.70	1.12	2.20	10.50	278740.242	6148620.171	3.07	P33	
Sample Date	12/12/2014																					

Well ID	Temp (°C)	EC (uS/cm)	pH	DO (mg/L)	ORP (mV)	Calculated TDS ppm	SG Temp (°C)	Calculated Specific Gravity	Ground Level (mAHD)	TOC (mAHD)	SWL (mtoc)	SWL (mAHD)	SWL (mbgl)	Well Total Depth (mbgl)	Height of Water in Well (m)	Vol of Water in Well (L)	Total volume purged (L)	Easting	Northing	RL Elevation	ID
P01	21.6	74471.00	7.01	2.25	-188.3	47661.4	21.6	1.03402	2.76	3.61	2.75	0.86	1.90	3.50	1.60	3.14	18.50	274887.281	6152326.273	2.76	P01
P02	21.9	196544.0	6.48	0.60	-218.0	125788.2	21.9	1.09555	1.49	2.27	1.300	0.97	0.52	1.60	1.08	2.12	4.00	274909.939	6152301.477	1.49	P02
P03	22.4	188478.0	6.65	0.28	-285.4	120625.9	22.4	1.09117	1.45	2.21	1.225	0.99	0.47	1.20	0.74	1.44	3.30	274905.825	6152300.788	1.45	P03
P04	22.8	188080.0	6.48	0.57	-301.1	120371.2	22.8	1.09080	1.46	2.32	1.390	0.93	0.53	1.60	1.07	2.10	10.30	274907.159	6152381.397	1.46	P04
P05	23.3	208066.0	6.60	0.32	-280.1	133162.2	23.3	1.10100	1.44	2.21	1.220	0.99	0.45	1.00	0.55	1.08	3.10	274903.710	6152382.892	1.44	P05
P06	20.1	65847.00	7.16	2.56	-97.0	42142.1	20.1	1.03022	2.44	3.22	2.540	0.68	1.76	3.40	1.64	3.22	20.00	275721.220	6150914.023	2.44	P06
P07	22.5	172589.0	6.62	0.27	-297.9	110457.0	22.5	1.08293	1.47	2.26	1.520	0.74	0.73	1.70	0.97	1.90	3.90	275709.538	6151010.511	1.47	P07
P08	23.0	103615.0	7.19	1.62	-249.7	66313.6	23.0	1.04795	1.48	2.27	1.230	1.04	0.44	1.00	0.56	1.10	1.35	275708.640	6151014.991	1.48	P08
P09	22.0	182055.0	6.13	0.75	-35.8	116515.2	22.0	1.08800	2.61	3.45	2.620	0.83	1.78	2.70	0.92	1.81	12.80	276510.671	6150880.484	2.61	P09
P10	23.2	211654.0	6.74	0.40	-275.3	135458.6	23.2	1.10292	1.51	2.33	1.360	0.97	0.54	1.20	0.66	1.30	1.60	276445.664	6150916.623	1.51	P10
P11	23.3	212300.0	6.88	0.14	278.2	135872.0	23.3	1.10322	1.52	2.26	1.040	1.22	0.30	0.55	0.25	0.49	3.80	276447.268	6150919.749	1.52	P11
P12	20.7	199600.0	6.36	1.04	-36.3	127744.0	20.7	1.09762	2.88	3.72	2.500	1.22	1.66	2.70	1.04	2.04	6.30	276792.319	6150942.995	2.88	P12
P13	22.1	179000.0	6.63	0.42	-140.6	114560.0	22.1	1.08638	1.95	2.74	1.460	1.28	0.67	1.40	0.73	1.43	1.50	276734.976	6150933.996	1.95	P13
P14	22.3	31363.00	7.27	2.08	-104.9	20072.3	22.3	1.01287	1.97	2.71	1.240	1.47	0.50	0.50	0.00	0.00	0.01	276730.225	6150934.417	1.97	P14
P15	21.4	154108.0	6.64	1.5	5.0	98629.1	21.4	1.07388	2.4	3.2	1.670	1.53	0.87	2.70	1.83	3.59	3.40	275601.605	6152681.869	2.40	P15
P16	22.8	137177.0	6.97	1.8	9.5	87793.3	22.8	1.06480	2.38	3.22	1.700	1.52	0.86	1.20	0.34	0.67	2.40	275601.063	6152683.833	2.38	P16
P17	24.5	84958.00	7.12	0.72	-273.8	54373.1	24.5	1.03826	1.87	2.64	1.070	1.57	0.30	1.30	1.00	1.96	0.40	275530.124	6152623.447	1.87	P17
P18	22.9	181850.0	6.23	0.49	-17.0	116384.0	22.9	1.08754	1.86	2.7	1.180	1.52	0.34	0.60	0.26	0.51	8.70	275527.009	6152629.276	1.86	P18
P19	23.8	130002.0	6.97	1.57	-28.1	83201.3	23.8	1.06083	2.46	3.28	1.670	1.61	0.85	2.70	1.85	3.63	0.90	275778.529	6152665.715	2.46	P19
P20	22.4	130030.0	6.95	1.91	-15.5	83219.2	22.4	1.06134	2.48	3.3	1.700	1.60	0.88	1.10	0.22	0.43	4.00	275776.618	6152665.986	2.48	P20
P21	21.4	196117.0	6.46	0.67	-67.6	125514.9	21.4	1.09553	2.48	3.33	1.810	1.52	0.96	2.70	1.74	3.42	3.15	276363.157	6151507.783	2.48	P21
P22	21.8	189445.0	6.44	0.38	-61.9	121244.8	21.8	1.09190	2.49	3.34	1.810	1.53	0.96	1.70	0.74	1.45	7.10	276362.869	6151509.096	2.49	P22
P23	23.7	193543.0	6.36	0.37	-119.1	123867.5	23.7	1.09327	1.94	2.68	1.260	1.42	0.52	1.10	0.58	1.14	4.60	276276.145	6151480.994	1.94	P23
P24	25.0	45883.00	7.33	0.59	-257.2	29365.1	25.0	1.01912	1.97	2.71	1.230	1.48	0.49	0.60	0.11	0.22	0.60	276275.319	6151484.526	1.97	P24
P25	23.8	171344.0	6.78	1.01	-70.0	109660.2	23.8	1.08174	1.98	2.74	1.280	1.46	0.52	1.00	0.48	0.94	1.30	277981.625	6149248.121	1.98	P25
P26	23.6	98696.0	7.04	1.96	-49.0	63165.4	23.6	1.04532	2	2.8	1.200	1.60	0.40	0.70	0.30	0.59	0.80	277979.493	6149250.104	2.00	P26
P27	20.7	208500.0	5.93	0.56	22.2	133440.0	20.7	1.10229	2.87	3.66	2.815	0.85	2.03	2.70	0.68	1.33	3.50	278678.375	6148373.599	2.87	P27
P28	22.8	109360.0	6.18	0.34	-240.5	69990.4	22.8	1.05087	2.06	2.92	1.530	1.39	0.67	1.50	0.83	1.63	2.10	278635.052	6148403.384	2.06	P28
P29	23.0	83504.0	6.86	0.65	-274.3	53442.6	23.0	1.03803	2.04	2.8	1.085	1.72	0.33	0.70	0.38	0.74	3.30	278634.095	6148399.028	2.04	P29
P30	21.0	208200.0	6.25	0.28	-51.7	133248.0	21.0	1.10201	2.44	3.17	2.405	0.77	1.68	2.70	1.03	2.01	20.00	278308.985	6148231.001	2.44	P30
P31	23.3	196100.0	6.56	0.29	-190.0	125504.0	23.3	1.09476	1.9	2.74	1.730	1.01	0.89	1.50	0.61	1.20	2.30	278315.556	6148234.350	1.90	P31
P32	24.1	177149.0	6.73	0.50	-256.7	113375.4	24.1	1.08465	1.97	2.74	1.240	1.50	0.47	0.70	0.23	0.45	1.60	278311.151	6148240.235	1.97	P32
P33	21.8	140862.0	6.49	1.66	280.4	90151.7	21.8	1.06701	3.07	3.87	2.550	1.32	1.75	2.70	0.95	1.87	15.00	278740.242	6148620.171	3.07	P33
Sample Date	NOTES:																				
4/02/2015	P14 - not enough water in well to cover porbe adequately																				
	TDS Calculations: (http://www.lenntech.com/calculators/conductivity/tds-engels.htm)																				
	SG Calculations (http://www.csgnetwork.com/h2odenscalc.html)																				

