

Well	Date	Silicate (ppm)	Polymer (ppm)	NA	K	CA	MG	FE	NH4	CL	HCO3	SO4	CO3	OH	NO3	TDS CALC	PH	H2S	RELATIVE RESISTIVITY DENSITY	SALINITY	
102/13-07-009-16W4/00	21-Jan-09		1253	4830	22	4	1	5	0	1699	0	71	3660	952	0	11244	11.70	N/D	1.01	0.61	0.30
100/14-07-009-16W4/00	21-Jan-09			N/A																	
102/14-07-009-16W4/00	21-Jan-09		0	2460	64	54	35	6	0	2299	2839	10	74	0	0	7839	8.55	N/D	1.00	0.90	0.41
104/13-17-009-16W4/00	21-Jan-09		0	1680	48	39	26	0	0	1449	2381	13	159	0	0	5793	8.83	102.24	1.00	1.18	0.26
106/13-17-009-16W4/00	21-Jan-09		1	1660	45	52	28	0	0	1449	2158	6	129	0	0	5525	8.75	N/D	1.00	1.24	0.26
100/01-18-009-16W4/00	21-Jan-09		0	N/A																	
102/02-18-009-16W4/00	21-Jan-09		0	2900	258	71	42	40	0	3199	2850	12	79	0	0	9449	8.61	N/D	1.00	0.77	0.58
100/04-18-009-16W4/00	21-Jan-09		0	1800	49	34	17	0	0	1399	2989	9	0	0	0	6296	6.87	N/D	1.00	1.16	0.25
102/04-18-009-16W4/00	21-Jan-09		0	1700	52	37	25	0	0	1200	2839	15	164	0	0	6031	8.83	238.56	1.00	1.24	0.22
100/06-18-009-16W4/00	21-Jan-09		0	2430	48	38	21	0	0	2699	2301	0	78	0	0	7616	8.59	N/D	1.00	0.90	0.49
103/06-18-009-16W4/00	21-Jan-09		0	1720	43	35	26	0	0	1550	2307	14	195	0	0	5889	8.97	102.24	1.00	1.16	0.28
104/06-18-009-16W4/00	21-Jan-09		0	1800	46	34	16	6	0	1150	2843	10	222	0	0	6127	8.84	102.24	1.00	1.19	0.21
102/07-18-009-16W4/00	21-Jan-09		0	1850	49	41	24	0	0	1624	2658	0	123	0	0	6367	8.73	N/D	1.00	1.13	0.29
103/09-18-009-16W4/00	21-Jan-09		933	3540	28	5	1	0	0	1649	0	59	3900	465	0	9646	11.20	N/D	1.01	0.62	0.29
104/09-18-009-16W4/00	21-Jan-09			N/A																	
100/10-18-009-16W4/00	21-Jan-09		183	2600	40	24	11	0	0	1749	2107	38	1274	0	0	7842	9.92	N/D	1.00	0.88	0.32
102/10-18-009-16W4/00	21-Jan-09		1206	4320	34	13	2	0	0	1799	0	55	3620	1031	0	10873	11.50	N/D	1.01	0.55	0.32
100/11-18-009-16W4/00	21-Jan-09		1443	4920	30	4	0	7	0	1999	0	75	4700	499	0	12233	11.50	N/D	1.01	0.57	0.36
102/11-18-009-16W4/00	21-Jan-09		1373	4650	23	3	11	0	0	1749	0	57	3220	1581	0	11294	12.40	N/D	1.01	0.46	0.31
103/11-18-009-16W4/00	21-Jan-09		0	1930	41	36	15	0	0	1599	2615	22	204	0	0	6461	8.94	N/D	1.00	1.06	0.29
100/14-18-009-16W4/00	21-Jan-09		0	N/A																	
102/14-18-009-16W4/00	21-Jan-09		0	1710	46	37	25	0	0	1549	2434	0	183	0	0	5984	8.87	N/D	1.00	1.15	0.28
100/15-18-009-16W4/00	21-Jan-09		0	2030	45	40	18	0	0	1499	2578	0	62	0	0	6272	8.55	N/D	1.00	1.10	0.27
102/15-18-009-16W4/00	21-Jan-09		0	1850	42	39	21	0	0	1550	2543	0	79	0	0	6123	8.59	N/D	1.00	1.15	0.28
102/16-18-009-16W4/00	21-Jan-09		440	2130	43	49	29	0	0	1699	2989	9	260	0	0	7206	9.00	N/D	1.00	0.99	0.31
104/16-18-009-16W4/00	21-Jan-09		0	1820	51	42	17	0	0	1499	2517	0	152	0	0	6098	8.82	N/D	1.00	1.12	0.27
103/01-19-009-16W4/00	21-Jan-09		0	1530	36	62	32	0	0	1349	2219	0	199	0	0	5425	8.89	N/D	1.00	1.28	0.24
103/08-19-009-16W4/00	21-Jan-09		133	1500	41	46	33	0	0	1250	2112	19	151	0	0	5151	8.91	102.24	1.00	1.54	0.22
102/04-20-009-16W4/00	21-Jan-09		15	2300	39	39	21	0	0	1599	3070	22	400	0	0	7489	9.17	N/D	1.00	10.00	0.29
103/04-20-009-16W4/00	21-Jan-09		140	1920	33	57	17	0	0	1299	3558	0	230	0	0	7113	8.96	N/D	1.00	1.15	0.23
104/04-20-009-16W4/00	21-Jan-09		0	1300	28	91	22	6	0	1250	2029	7	82	0	0	4815	8.68	N/D	1.00	1.42	0.23
100/05-20-009-16W4/00	21-Jan-09		0	1840	47	44	30	0	0	1499	2658	0	23	0	0	6141	8.38	N/D	1.00	1.13	0.27
102/05-20-009-16W4/00	21-Jan-09		0	1900	45	45	31	0	0	1549	2539	0	21	0	0	6129	8.43	N/D	1.00	1.21	0.28
103/05-20-009-16W4/00	21-Jan-09		0	1650	43	47	28	0	0	1425	2374	0	173	0	0	5738	8.85	N/D	1.00	1.19	0.26
102/11-20-009-16W4/00	21-Jan-09		0	2010	48	41	24	6	0	1424	2679	7	162	0	0	6402	8.79	N/D	1.00	1.08	0.26
103/11-20-009-16W4/00	21-Jan-09		0	1920	43	37	23	0	0	1499	2615	7	234	0	0	6377	9.00	N/D	1.00	1.11	0.27
104/11-20-009-16W4/00	21-Jan-09		883	3100	27	26	2	0	0	1699	0	57	3880	215	0	9006	11.00	N/D	1.01	0.73	0.30
105/11-20-009-16W4/00	21-Jan-09		1046	4670	33	17	2	0	0	1749	0	65	3800	374	0	10710	11.10	68.16	1.01	0.64	0.31
100/12-20-009-16W4/00	21-Jan-09		0	1730	48	38	22	0	0	1475	2546	0	48	0	0	5907	8.51	N/D	1.00	1.18	0.27
105/12-20-009-16W4/00	21-Jan-09		1	2050	36	42	15	5	0	1599	3168	0	242	0	0	7156	8.92	N/D	1.00	0.97	0.29
106/12-20-009-16W4/00	21-Jan-09		0	1780	42	39	13	6	0	1499	2348	129	115	0	0	5970	8.70	N/D	0.90	1.15	0.30
107/12-20-009-16W4/00	21-Jan-09		0	N/A																	
104/13-20-009-16W4/00	21-Jan-09		0	1790	47	42	19	0	0	1549	2429	0	135	0	0	6011	8.74	N/D	1.00	1.16	0.28
100/14-20-009-16W4/00	21-Jan-09		160	3690	38	69	28	9	0	4299	2708	0	38	0	0	10877	8.44	N/D	1.00	0.62	0.78
102/14-20-009-16W4/00	21-Jan-09		1053	3620	29	11	12	0	0	1849	0	65	4360	584	0	10530	11.40	N/D	1.01	0.56	0.33
104/14-20-009-16W4/00	21-Jan-09		0	N/A																	
103/15-20-009-16W4/00	21-Jan-09		1433	4650	23	2	12	0	0	1624	0	65	4060	1224	0	11660	12.10	N/D	1.01	0.47	0.29
103/02-29-009-16W4/00	21-Jan-09		1213	5090	14	10	2	7	0	1799	0	69	4780	663	0	12433	11.40	N/D	1.01	0.58	0.32
105/02-29-009-16W4/00	21-Jan-09			2200	28	31	9	10	0	1449	3192	11	210	0	0	7140	8.91	N/D	1.00	0.97	0.26
102/03-29-009-16W4/00	21-Jan-09		0	1760	40	40	19	0	0	1349	3143	0	54	0	0	6405	8.50	N/D	1.00	1.10	0.24
103/07-29-009-16W4/00	21-Jan-09		0	1880	45	41	12	0	0	1499	2534	0	174	0	0	6185	8.80	N/D	1.00	1.13	0.27

Well	Date	Silicate (ppm)	Polymer (ppm)	NA	K	CA	MG	FE	NH4	CL	HCO3	SO4	CO3	OH	NO3	TDS CALC	PH	H2S	RELATIVE RESISTIVITY DENSITY	SALINITY	
104/07-29-009-16W4/00	21-Jan-09			N/A																	
105/07-29-009-16W4/00	21-Jan-09			N/A																	
100/08-29-009-16W4/00	21-Jan-09		0	1920	52	40	17	0	0	1449	3034	63	58	0	0	6632	8.49	N/D	1.00	1.08	0.26
102/13-07-009-16W4/00	19-Feb-09	625	600	3080	29	18	1	0	0	1650	374	51	1726	0	0	6928	9.90	N/D	1.00	0.88	0.30
100/14-07-009-16W4/00	19-Feb-09		down	N/A																	
102/14-07-009-16W4/00	19-Feb-09		down	N/A																	
104/13-17-009-16W4/00	19-Feb-09	7.02	0	1820	44	41	16	0	0	1500	2554	12	104	0	0	6090	8.64	68.16	1.01	1.35	0.27
106/13-17-009-16W4/00	19-Feb-09	6.22	0	1650	34	48	24	0	0	1500	2267	0	105	0	0	5627	8.67	68.16	1.00	1.45	0.27
100/01-18-009-16W4/00	19-Feb-09		0	2830	62	32	22	0	0	3099	2111	0	272	0	0	8426	8.98	N/D	1.01	0.87	0.56
102/02-18-009-16W4/00	19-Feb-09	13.4	0	3010	70	73	26	34	0	3499	2928	8	0	0	0	9647	8.17	N/D	1.01	0.81	0.63
100/04-18-009-16W4/00	19-Feb-09	6.52	0	1870	36	33	16	0	0	1300	2644	10	180	0	0	6089	8.78	34.08	1.00	1.37	0.23
102/04-18-009-16W4/00	19-Feb-09	7.01	0	1750	44	36	18	0	0	1200	3009	11	0	0	0	6067	8.21	136.32	1.00	1.38	0.16
100/06-18-009-16W4/00	19-Feb-09	6.07	0	3070	36	41	19	0	0	3599	2073	1	120	0	0	8958	8.69	136.32	1.00	0.81	
103/06-18-009-16W4/00	19-Feb-09	6.41	0	1840	41	34	14	0	0	1550	2127	9	254	0	0	5869	8.98	N/D	1.01	1.28	0.28
104/06-18-009-16W4/00	19-Feb-09	6.67	0	1970	40	37	20	0	0	1250	2840	21	113	0	0	6291	8.66	136.32	1.00	1.21	0.23
102/07-18-009-16W4/00	19-Feb-09	6.79	0	1790	44	37	18	0	0	1500	2802	0	62	0	0	6252	8.53	N/D	1.00	1.26	0.27
103/09-18-009-16W4/00	19-Feb-09		down																		
104/09-18-009-16W4/00	19-Feb-09		down																		
100/10-18-009-16W4/00	19-Feb-09	295	90	2500	34	19	1	0	0	1600	2538	52	822	0	0	7564	9.49	N/D	1.00	1.05	0.29
102/10-18-009-16W4/00	19-Feb-09	1450	1857	6800	29	8	1	0	0	2499	0	57	5020	1434	0	15846	12.10	N/D	1.02	0.46	0.44
100/11-18-009-16W4/00	19-Feb-09	592	765	4020	36	17	1	0	0	2499	305	43	3840	0	0	10761	10.50	N/D	1.01	0.76	0.45
102/11-18-009-16W4/00	19-Feb-09		down																		
103/11-18-009-16W4/00	19-Feb-09	67	tstm	1870	38	36	15	0	0	2999	1190	9	51	0	0	6207	8.66	102.24	1.00	1.10	0.54
100/14-18-009-16W4/00	19-Feb-09																				
102/14-18-009-16W4/00	19-Feb-09	6.32	0	1820	47	37	19	0	0	1500	2660	0	72	0	0	6153	8.56	N/D	1.00	1.29	0.27
100/15-18-009-16W4/00	19-Feb-09		0	1820	42	33	19	0	0	1500	2404	0	138	0	0	5955	8.73	N/D	1.00	1.32	0.27
102/15-18-009-16W4/00	19-Feb-09	6.93	0	1790	39	37	18	0	0	1500	2550	11	56	0	0	6000	8.55	170.40	1.00	1.35	0.27
102/16-18-009-16W4/00	19-Feb-09		0	N/A																	
104/16-18-009-16W4/00	19-Feb-09	6.49	0	1850	43	39	20	0	0	1500	2265	0	256	0	0	5973	8.99	N/D	1.01	1.32	0.27
103/01-19-009-16W4/00	19-Feb-09	6.59	tstm	1610	32	55	52	0	0	1400	2485	0	68	0	0	5701	8.54	N/D	1.00	1.13	0.25
103/08-19-009-16W4/00	19-Feb-09	7.26	463	1710	38	52	21	0	0	1250	2396	13	62	0	0	5541	8.55	102.24	1.00	1.32	0.23
102/04-20-009-16W4/00	19-Feb-09	181	253	2400	34	34	7	0	0	1550	3156	21	368	0	0	7570	9.10	N/D	1.00	1.11	0.28
103/04-20-009-16W4/00	19-Feb-09	238	393	2100	29	46	12	0	0	1500	3449	15	134	0	0	7284	8.67	N/D	1.00	0.98	0.27
104/04-20-009-16W4/00	19-Feb-09	5.69	tstm	1400	25	91	31	0	0	1150	1773	0	208	0	0	4677	8.90	N/D	1.00	1.49	0.21
100/05-20-009-16W4/00	19-Feb-09	7.5	0	1800	36	31	2	0	0	1400	2163	0	226	0	0	5658	8.94	N/D	1.00	1.34	0.25
102/05-20-009-16W4/00	19-Feb-09	6.63	tstm	1730	45	44	18	0	0	1500	2623	0	0	0	0	5960	8.13	N/D	1.00	1.30	0.27
103/05-20-009-16W4/00	19-Feb-09	7.05	0	1690	41	42	64	0	0	1450	2557	0	103	0	0	5946	8.64	N/D	1.00	1.34	0.26
102/11-20-009-16W4/00	19-Feb-09	74.9	tstm	2090	37	36	14	0	0	1500	3073	21	99	0	0	6869	8.59	136.32	1.00	1.21	0.27
103/11-20-009-16W4/00	19-Feb-09		down	N/A																	
104/11-20-009-16W4/00	19-Feb-09	911	1000	5301	33	178	102	0	0	2499	183	39	4520	0	0	12855	10.60	N/D	1.01	0.73	0.45
105/11-20-009-16W4/00	19-Feb-09	779	920		29	20	2	0	0	2999	996	48	3580	0	0	12093	10.30	N/D	1.01	0.66	0.54
100/12-20-009-16W4/00	19-Feb-09	6.49	0	1750	40	35	17	0	0	1500	1952	0	360	0	0	5653	9.29	N/D	1.00	1.35	0.27
105/12-20-009-16W4/00	19-Feb-09	78.2	225	2350	40	43	18	0	0	1500	3274	21	300	0	0	7546	8.93	N/D	1.00	1.16	0.27
106/12-20-009-16W4/00	19-Feb-09	6.95	0	1790	42	39	22	0	0	1500	2429	0	115	0	0	5937	8.68	N/D	1.00	1.32	0.27
107/12-20-009-16W4/00	19-Feb-09	6.36	tstm	2570	56	57	25	0	0	2699	2200	0	218	0	0	7825	8.90	N/D	1.00	0.99	0.49
104/13-20-009-16W4/00	19-Feb-09		down																		
100/14-20-009-16W4/00	19-Feb-09	36.6	253	2500	40	50	27	0	0	2099	2832	0	147	0	0	7696	8.69	N/D	1.00	1.00	0.38
102/14-20-009-16W4/00	19-Feb-09	1300	1073	4880	27	11	1	0	0	1750	0	62	4360	623	0	11713	11.40	N/D	1.01	0.64	0.31
104/14-20-009-16W4/00	19-Feb-09		1233	5330	27	20	2	0	0	2499	1322	104	4100	0	0	13404	10.38	N/D	1.01	0.58	0.45
103/15-20-009-16W4/00	19-Feb-09	1490	1552	5560	17	12	0	0	0	2499	0	43	5040	629	0	13798	11.02	N/D	1.01	0.53	0.45
103/02-29-009-16W4/00	19-Feb-09	1630	1410	5390	21	8	1	0	0	1799	0	82	4860	805	0	12965	11.50	N/D	1.01	0.58	0.32

Well	Date	Silicate (ppm)	Polymer (ppm)	NA	K	CA	MG	FE	NH4	CL	HCO3	SO4	CO3	OH	NO3	TDS CALC	PH	H2S	RELATIVE RESISTIVITY DENSITY	SALINITY	
105/02-29-009-16W4/00	19-Feb-09		down																		
102/03-29-009-16W4/00	19-Feb-09	8.1	33	1830	43	43	19	0	0	1350	3115	0	18	0	0	6418	8.36	102.24	1.00	1.30	0.24
103/07-29-009-16W4/00	19-Feb-09	6.19	392	2030	46	49	20	0	0	1500	2595	0	294	0	0	6533	9.02	N/D	1.00	1.26	0.27
104/07-29-009-16W4/00	19-Feb-09		615	3980	28	26	9	0	0	2499	3449	63	1604	0	0	11656	9.61	N/D	1.01	0.72	0.45
105/07-29-009-16W4/00	19-Feb-09		down																		
100/08-29-009-16W4/00	19-Feb-09	7.01	tstm	1870	39	37	20	0	0	1450	2868	8	89	0	0	6381	8.57	N/D	1.00	1.18	0.26
102/13-07-009-16W4/00	18-Mar-09	636	417	3000	0	20	3	0	0	2499	366	27	3400	0	0	9314	10.50	N/D	1.00	0.89	0.45
100/14-07-009-16W4/00	18-Mar-09		down																		
102/14-07-009-16W4/00	18-Mar-09		down																		
104/13-17-009-16W4/00	18-Mar-09	6.87	0	1820	39	40	22	0	0	1724	2599	7	152	0	0	6401	8.61	N/D	1.00	1.27	0.31
106/13-17-009-16W4/00	18-Mar-09	6.67	0	1620	32	45	20	0	0	1425	2562	4	0	0	0	5707	8.30	N/D	1.00	1.28	0.26
100/01-18-009-16W4/00	18-Mar-09		0	2390	73	47	7	0	0	2999	2257	0	0	0	0	7773	8.18	N/D	1.00	0.88	0.54
102/02-18-009-16W4/00	18-Mar-09	6.93	0	3280	0	87	275	29	0	3749	2253	0	1242	0	0	10915	9.72	N/D	1.00	0.76	0.67
100/04-18-009-16W4/00	18-Mar-09	6.65	0	1790	39	32	12	0	0	1325	2879	3	84	0	0	6164	8.43	34.08	1.00	1.32	0.24
102/04-18-009-16W4/00	18-Mar-09	7.13	0	1790	44	35	13	0	0	1225	2847	7	180	0	0	6141	8.63	N/D	1.00	1.33	0.22
100/06-18-009-16W4/00	18-Mar-09	6.86	0	1740	34	33	15	0	0	1500	2538	0	132	0	0	5990	8.50	N/D	1.00	1.29	0.27
103/06-18-009-16W4/00	18-Mar-09	6.72	0	1810	44	40	24	0	0	1649	2664	6	40	0	0	6277	8.34	N/D	1.00	1.26	0.30
104/06-18-009-16W4/00	18-Mar-09	7.41	0	1710	42	34	13	0	0	1200	2904	7	122	0	0	6030	8.51	170.40	1.00	1.37	0.22
102/07-18-009-16W4/00	18-Mar-09	6.46	0	1910	52	41	23	0	0	1500	2647	201	138	0	0	6512	8.54	N/D	1.00	1.27	0.27
103/09-18-009-16W4/00	18-Mar-09		down																		
104/09-18-009-16W4/00	18-Mar-09		down																		
100/10-18-009-16W4/00	18-Mar-09	327	217	2560	0	11	3	0	0	1575	3282	34	186	0	0	7650	8.62	N/D	1.00	0.98	0.28
102/10-18-009-16W4/00	18-Mar-09		down																		
100/11-18-009-16W4/00	18-Mar-09	656	652	3200	0	21	0	0	0	2499	3270	47	132	0	0	9168	8.55	N/D	1.00	0.78	0.45
102/11-18-009-16W4/00	18-Mar-09		down																		
103/11-18-009-16W4/00	18-Mar-09	97	tstm	2010	0	36	10	0	0	1500	2973	38	238	0	0	6804	8.68	N/D	1.00	1.17	0.27
100/14-18-009-16W4/00	18-Mar-09			N/A																	
102/14-18-009-16W4/00	18-Mar-09	6.56	0	1950	46	38	21	0	0	1425	2664	0	80	0	0	6224	8.43	N/D	1.00	1.28	0.26
100/15-18-009-16W4/00	18-Mar-09		0	1810	40	37	16	0	0	1525	2908	73	0	0	0	6409	8.12	N/D	1.00	1.23	0.27
102/15-18-009-16W4/00	18-Mar-09	8.2	0	2100	0	57	23	0	0	1749	996	8	2400	0	0	7333	10.20	N/D	1.00	1.25	0.32
102/16-18-009-16W4/00	18-Mar-09	359	1362	2850	26	28	1	0	0	1724	1261	40	2620	0	0	8548	10.28	N/D	1.00	0.80	0.31
104/16-18-009-16W4/00	18-Mar-09	6.36	520	1850	0	57	6	0	0	1475	2806	0	0	0	0	6194	8.16	N/D	1.00	1.26	0.27
103/01-19-009-16W4/00	18-Mar-09	6.07	tstm	1540	35	54	22	0	0	1325	2643	0	0	0	0	5619	8.11	N/D	1.00	1.38	0.24
103/08-19-009-16W4/00	18-Mar-09	6.93	429	2020	45	68	36	0	0	875	0	6	4720	963	0	8733	11.80	N/D	1.00	1.36	0.16
102/04-20-009-16W4/00	18-Mar-09	65.7	tstm	2090	39	32	18	0	0	1425	2985	6	252	0	0	6847	8.78	N/D	1.00	1.16	0.26
103/04-20-009-16W4/00	18-Mar-09	393	287	2360	32	46	18	0	0	1475	2619	48	92	0	0	6689	8.48	N/D	1.00	1.07	0.27
104/04-20-009-16W4/00	18-Mar-09	5.86	0	1500	26	12	37	0	0	1200	2521	5	120	0	0	5420	8.53	N/D	1.02	1.52	0.21
100/05-20-009-16W4/00	18-Mar-09	8.48	0	1770	39	47	24	0	0	1400	2440	0	120	0	0	5839	8.48	N/D	1.00	1.34	0.25
102/05-20-009-16W4/00	18-Mar-09	6.92	0	1930	50	34	16	13	0	1550	2391	3	104	0	0	6090	8.57	N/D	1.00	1.32	0.28
103/05-20-009-16W4/00	18-Mar-09	6.73	0	1860	45	56	26	0	0	1425	2257	0	1190	0	0	6858	9.65	N/D	1.00	1.27	0.26
102/11-20-009-16W4/00	18-Mar-09	75.5	tstm	2060	0	36	0	0	0	1600	92	9	0	0	0	3796	6.59	N/D	1.00	1.42	0.29
103/11-20-009-16W4/00	18-Mar-09		down																		
104/11-20-009-16W4/00	18-Mar-09		950	N/A																	
105/11-20-009-16W4/00	18-Mar-09		down																		
100/12-20-009-16W4/00	18-Mar-09	9.95	tstm	1690	35	40	16	0	0	1425	2590	0	106	0	0	5901	8.46	N/D	1.00	1.30	0.26
105/12-20-009-16W4/00	18-Mar-09	261	555	2780	0	36	0	0	0	1575	2692	17	1346	0	0	8446	9.76	N/D	1.00	0.93	0.28
106/12-20-009-16W4/00	18-Mar-09	6.84	0	1810	48	41	24	0	0	1475	2538	92	42	0	0	6069	8.35	N/D	1.00	1.28	0.27
107/12-20-009-16W4/00	18-Mar-09		0	N/A																	
104/13-20-009-16W4/00	18-Mar-09		down																		
100/14-20-009-16W4/00	18-Mar-09	55.3	310	2200	44	52	24	0	0	1749	3436	1	0	0	0	7505	7.92	N/D	1.00	1.06	0.32
102/14-20-009-16W4/00	18-Mar-09	8.13	867	5000	24	10	1	0	0	1724	0	67	4440	714	0	11979	11.30	N/D	1.00	1.33	0.31

Well	Date	Silicate (ppm)	Polymer (ppm)	NA	K	CA	MG	FE	NH4	CL	HCO3	SO4	CO3	OH	NO3	TDS CALC	PH	H2S	RELATIVE RESISTIVITY DENSITY	SALINITY	
104/13-20-009-16W4/00	16-Apr-09		385	N/A																	
100/14-20-009-16W4/00	16-Apr-09	72.1	955	2240	48	58	30	0	0	1649	3703	7	139	0	0	7874	8.62	204.48	1.00	1.11	0.30
102/14-20-009-16W4/00	16-Apr-09	1470	1150	5050	32	8	2	0	0	1899	0	47	4480	742	0	12259	11.50	N/D	1.01	0.62	0.34
104/14-20-009-16W4/00	16-Apr-09	959	1225	5070	25	10	2	0	0	2149	1057	86	4800	0	0	13199	10.70	N/D	1.01	0.63	0.38
103/15-20-009-16W4/00	16-Apr-09	629	1355	5550	21	2	1	10	0	1749	0	41	4220	1241	0	12834	12.10	N/D	1.02	0.53	0.31
103/02-29-009-16W4/00	16-Apr-09	1730	N/A	4370	30	4	1	6	0	1849	0	76	4640	997	0	11973	11.90	N/D	1.02	0.66	0.33
105/02-29-009-16W4/00	16-Apr-09		0	N/A																	
102/03-29-009-16W4/00	16-Apr-09	7.96	344	1890	62	44	13	0	0	1549	2990	3	90	0	0	6640	8.49	N/D	1.00	1.24	0.28
103/07-29-009-16W4/00	16-Apr-09	6.75	N/A	2330	56	452	25	5	0	1849	4029	7	159	0	0	8911	8.59	N/D	1.01	1.05	0.33
104/07-29-009-16W4/00	16-Apr-09		N/A	N/A																	
105/07-29-009-16W4/00	16-Apr-09		0	N/A																	
100/08-29-009-16W4/00	16-Apr-09	6.56	N/A	2120	35	39	19	0	0	1449	2907	2	140	0	0	6712	8.65	N/D	1.00	1.23	0.26
102/13-07-009-16W4/00	8-May-09		413	2680	22	16	2	0	0	1699	813	53	2800	0	0	8084	10.40	N/D	1.01	0.90	0.30
100/14-07-009-16W4/00	8-May-09		N/A	N/A																	
102/14-07-009-16W4/00	8-May-09		N/A	N/A																	
104/13-17-009-16W4/00	8-May-09		N/A	1770	36	39	17	0	0	1300	2774	20	106	0	0	6061	8.63	68.16	1.00	1.19	
106/13-17-009-16W4/00	8-May-09		N/A	N/A																	
100/01-18-009-16W4/00	8-May-09		N/A	N/A																	
102/02-18-009-16W4/00	8-May-09		0	2590	96	88	38	0	0	3099	2947	48	51	0	0	8955	8.45	N/D	1.01	0.87	0.56
100/04-18-009-16W4/00	8-May-09		0	1870	56	39	15	0	0	1699	2887	0	0	0	0	6566	8.25	N/D	1.00	1.24	0.31
102/04-18-009-16W4/00	8-May-09		0	1720	40	34	17	0	0	1100	2987	12	111	0	0	6020	8.66	136.32	1.01	1.28	0.20
100/06-18-009-16W4/00	8-May-09		0	1890	37	35	15	0	0	1749	2605	19	39	0	0	6388	8.47	N/D	1.00	1.28	0.32
103/06-18-009-16W4/00	8-May-09		N/A	N/A																	
104/06-18-009-16W4/00	8-May-09		0	1680	38	36	18	0	0	1050	2836	14	185	0	0	5856	8.80	102.24	1.00	1.22	0.19
102/07-18-009-16W4/00	8-May-09		0	1830	41	40	17	0	0	1550	2783	6	61	0	0	6327	8.51	N/D	1.00	1.29	0.28
103/09-18-009-16W4/00	8-May-09		N/A	N/A																	
104/09-18-009-16W4/00	8-May-09		N/A	N/A																	
100/10-18-009-16W4/00	8-May-09		233	2720	32	14	2	0	0	1699	2009	53	1592	0	0	8120	9.91	N/D	1.01	0.97	0.31
102/10-18-009-16W4/00	8-May-09		N/A	N/A																	
100/11-18-009-16W4/00	8-May-09		454	2480	380	22	1	0	0	1899	1179	66	2640	0	0	8666	10.30	N/D	1.01	0.89	0.34
102/11-18-009-16W4/00	8-May-09		N/A	N/A																	
103/11-18-009-16W4/00	8-May-09		45	2070	40	30	15	0	0	1600	3225	41	374	0	0	7394	9.08	N/D	1.00	1.12	0.29
100/14-18-009-16W4/00	8-May-09		30	N/A																	
102/14-18-009-16W4/00	8-May-09		449	2080	35	32	12	0	0	1649	2936	12	396	0	0	7152	9.13	N/D	1.00	1.07	0.30
100/15-18-009-16W4/00	8-May-09		N/A	2820	30	30	9	0	0	2249	4217	21	326	0	0	9702	8.85	N/D	1.01	0.84	0.40
102/15-18-009-16W4/00	8-May-09		1142	1920	38	43	17	0	0	1500	2712	19	236	0	0	6484	8.91	34.08	1.00	1.19	0.27
102/16-18-009-16W4/00	8-May-09		N/A	4390	177	8	1	0	0	1699	0	81	4000	555	0	10911	11.20	N/D	1.01	0.71	0.30
104/16-18-009-16W4/00	8-May-09		43	N/A																	
103/01-19-009-16W4/00	8-May-09		604	1670	38	56	24	0	0	1350	2643	13	0	0	0	5793	8.30	N/D	1.00	1.42	0.24
103/08-19-009-16W4/00	8-May-09		529	2150	42	52	21	0	0	1450	3539	3	140	0	0	7395	8.64	N/D	1.01	1.29	0.26
102/04-20-009-16W4/00	8-May-09		283	3080	25	22	2	0	0	1699	813	72	2940	0	0	8651	10.40	N/D	1.01	0.91	0.30
103/04-20-009-16W4/00	8-May-09		10	2110	31	26	11	0	0	1550	2977	36	496	0	0	7237	9.23	N/D	1.00	1.14	0.28
104/04-20-009-16W4/00	8-May-09		N/A	1390	26	76	31	0	0	1300	2215	19	41	0	0	5096	8.47	N/D	1.00	1.58	0.23
100/05-20-009-16W4/00	8-May-09		0	1720	40	44	19	0	0	1450	2717	8	34	0	0	6031	8.43	N/D	1.01	1.36	0.26
102/05-20-009-16W4/00	8-May-09		N/A	1700	41	49	18	0	0	1450	2487	101	17	0	0	5863	8.42	N/D	1.00	1.40	0.26
103/05-20-009-16W4/00	8-May-09		N/A	1830	45	45	17	0	0	1300	2806	6	0	0	0	6048	8.23	N/D	1.00	1.35	0.23
102/11-20-009-16W4/00	8-May-09		N/A	N/A																	
103/11-20-009-16W4/00	8-May-09		1131	N/A																	
104/11-20-009-16W4/00	8-May-09		N/A	5240	27	19	0	0	0	1749	0	67	4120	1054	0	12275	12.00	N/D	1.01	0.58	0.31
105/11-20-009-16W4/00	8-May-09		279	N/A																	
100/12-20-009-16W4/00	8-May-09		687	1820	37	50	19	0	0	1550	2840	77	53	0	0	6446	8.51	N/D	1.00	1.28	0.28

Well	Date	Silicate (ppm)	Polymer (ppm)	NA	K	CA	MG	FE	NH4	CL	HCO3	SO4	CO3	OH	NO3	TDS CALC	PH	H2S	RELATIVE RESISTIVITY DENSITY	SALINITY	
104/11-20-009-16W4/00	9-Jun-09	103	1110	5360	18	24	0	0	0	1999	0	72	4100	1507	0	13080	12.20	N/D	1.01	0.43	0.36
105/11-20-009-16W4/00	9-Jun-09		N/A																		
100/12-20-009-16W4/00	9-Jun-09	6.8	360	2030	55	62	25	0	0	1500	2938	8	125	0	0	6742	8.56	N/D	1.01	1.23	0.27
105/12-20-009-16W4/00	9-Jun-09	908	1220	3350	24	23	1	0	0	1999	0	68	4220	96	0	9781	10.70	N/D	1.01	0.70	0.36
106/12-20-009-16W4/00	9-Jun-09	6.89	0	1980	43	46	23	0	0	1500	2599	82	32	0	0	6304	8.38	N/D	1.00	1.26	0.27
107/12-20-009-16W4/00	9-Jun-09		0																		
104/13-20-009-16W4/00	9-Jun-09	8.89	0	2000	45	41	16	0	0	1050	3396	5	0	0	0	6552	8.09	N/D	1.00	1.26	0.19
100/14-20-009-16W4/00	9-Jun-09	119	915	5060	31	59	3	0	0	5248	1757	35	1466	0	0	13659	9.78	N/D	1.01	0.51	0.94
102/14-20-009-16W4/00	9-Jun-09	85.6	1120	6930	32	8	1	0	0	1500	0	76	4660	850	0	14056	11.40	N/D	1.01	0.53	
104/14-20-009-16W4/00	9-Jun-09		1215	4370	29	17	2	0	0	1999	1057	48	4580	0	0	12101	10.50	N/D	1.01	0.60	0.36
103/15-20-009-16W4/00	9-Jun-09	341	1225	6200	22	1	1	0	0	1500	0	82	4560	1298	0	13663	11.70	N/D	1.02	0.50	0.27
103/02-29-009-16W4/00	9-Jun-09	54.9	1205	6900	276	25	1	0	0	1624	0	74	4740	1082	0	14721	11.60	N/D	1.01	0.49	0.29
105/02-29-009-16W4/00	9-Jun-09		N/A																		
102/03-29-009-16W4/00	9-Jun-09	10.6	N/A	2090	56	62	22	0	0	1125	3416	6	0	0	0	6776	8.29	N/D	1.00	1.21	0.20
103/07-29-009-16W4/00	9-Jun-09	8.03	1555	2420	55	47	20	0	0	1000	4059	26	304	0	0	7929	8.79	N/D	1.01	0.99	0.18
104/07-29-009-16W4/00	9-Jun-09	628	790	3300	27	20	2	0	0	1999	1098	57	3460	0	0	9961	10.30	N/D	1.01	0.75	0.36
105/07-29-009-16W4/00	9-Jun-09		N/A																		
100/08-29-009-16W4/00	9-Jun-09	7.2	560	2070	47	52	24	0	0	1250	3477	8	0	0	0	6927	8.17	N/D	1.01	1.16	0.22
102/09-29-009-16W4/00	9-Jun-09		n/a																		
102/13-07-009-16W4/00	7-Jul-09		N/A																		
100/14-07-009-16W4/00	7-Jul-09		N/A																		
102/14-07-009-16W4/00	7-Jul-09		N/A																		
104/13-17-009-16W4/00	7-Jul-09	7.69	N/A	2130	33	20	50	0	0	1599	3027	73	11	0	0	6943	8.34	N/D	1.01	1.20	0.29
106/13-17-009-16W4/00	7-Jul-09	6.29	0	1690	40	46	20	0	0	1449	2420	149	0	0	0	5814	8.25	N/D	1.00	1.37	0.26
100/01-18-009-16W4/00	7-Jul-09		N/A																		
102/02-18-009-16W4/00	7-Jul-09		0																		
100/04-18-009-16W4/00	7-Jul-09	6.72	0	1880	42	38	13	0	0	1349	2776	9	135	0	0	6241	8.66	136.32	1.00	1.22	0.24
102/04-18-009-16W4/00	7-Jul-09	7.34	0	2010	43	33	12	0	0	1250	2891	0	158	0	0	6398	8.69	68.16	1.00	1.28	0.23
100/06-18-009-16W4/00	7-Jul-09	37.7	0	3090	40	50	15	0	0	3749	2194	31	51	0	0	9219	8.49	N/D	1.00	0.80	0.68
103/06-18-009-16W4/00	7-Jul-09	6.99	0	1680	41	37	14	0	0	1499	2623	54	0	0	0	5948	8.18	N/D	1.01	1.33	0.27
104/06-18-009-16W4/00	7-Jul-09	7.75	0	1690	47	37	14	0	0	1299	2962	0	73	0	0	6121	8.52	N/D	1.00	1.36	0.23
102/07-18-009-16W4/00	7-Jul-09	6.56	0	1950	46	43	15	5	0	1499	2867	89	0	0	0	6513	8.17	N/D	1.00	1.23	0.27
103/09-18-009-16W4/00	7-Jul-09		N/A																		
104/09-18-009-16W4/00	7-Jul-09		N/A																		
100/10-18-009-16W4/00	7-Jul-09	626	528	3680	33	21	2	0	0	1649	1810	20	2160	0	0	9374	9.89	N/D	1.01	0.85	0.30
102/10-18-009-16W4/00	7-Jul-09	9.58	2028	7800	32	2	0	0	0	1999	0	80	4740	1281	0	15933	11.70	N/D	1.02	0.47	0.36
100/11-18-009-16W4/00	7-Jul-09		N/A																		
102/11-18-009-16W4/00	7-Jul-09	1910	2353	6150	31	1	0	0	0	1649	0	61	4220	1400	0	13512	11.86	N/D	1.02	0.51	0.29
103/11-18-009-16W4/00	7-Jul-09	82.1	703	4230	27	19	2	6	0	1799	1017	52	3060	0	0	10212	10.20	N/D	1.01	0.75	0.32
100/14-18-009-16W4/00	7-Jul-09																				
102/14-18-009-16W4/00	7-Jul-09	5.26	933	3170	31	24	1	6	0	1549	2033	72	2060	0	0	8946	9.79	N/D	1.01	0.84	0.28
100/15-18-009-16W4/00	7-Jul-09		443	2720	37	29	2	0	0	1649	2578	137	1192	0	0	8344	9.55	N/D	1.01	0.96	0.30
102/15-18-009-16W4/00	7-Jul-09	128	50	2570	46	42	11	16	0	1749	3712	30	164	0	0	8339	8.65	N/D	1.00	0.99	0.32
102/16-18-009-16W4/00	7-Jul-09	787	2433	5530	22	12	0	6	0	1699	0	58	4020	731	0	12076	11.20	N/D	1.01	0.63	0.30
104/16-18-009-16W4/00	7-Jul-09	60.6	1888	3640	26	9	1	0	0	2499	0	72	4340	136	0	10722	10.70	N/D	1.01	0.69	0.45
103/01-19-009-16W4/00	7-Jul-09	413	N/A	1710	38	65	22	9	0	1349	2501	89	0	0	0	5782	8.10	N/D	1.00	1.35	0.24
103/08-19-009-16W4/00	7-Jul-09	43.9	1843	3500	33	29	2	6	0	1449	1444	47	2340	0	0	8848	9.99	N/D	1.01	0.83	0.26
102/04-20-009-16W4/00	7-Jul-09	106	1183	4520	24	21	1	0	0	1499	0	56	4120	482	0	10722	10.80	N/D	1.01	0.68	0.27
103/04-20-009-16W4/00	7-Jul-09	147	318	2060	35	33	12	0	0	1399	2786	245	570	0	0	7431	9.14	N/D	1.01	1.11	0.25
104/04-20-009-16W4/00	7-Jul-09	6.13	N/A	1450	30	55	29	0	0	1299	2298	39	0	0	0	5199	8.16	N/D	1.00	1.48	0.23
100/05-20-009-16W4/00	7-Jul-09	9.27	N/A	1890	43	65	22	0	0	1449	3067	74	41	0	0	6651	8.39	N/D	1.00	1.24	0.26

Well	Date	Silicate (ppm)	Polymer (ppm)	NA	K	CA	MG	FE	NH4	CL	HCO3	SO4	CO3	OH	NO3	TDS CALC	PH	H2S	RELATIVE RESISTIVITY DENSITY	SALINITY	
102/05-20-009-16W4/00	7-Jul-09	7.35	0	1730	46	41	13	0	0	1449	2481	7	0	0	0	5766	8.11	N/D	1.00	1.34	0.26
103/05-20-009-16W4/00	7-Jul-09	6.59	0	1810	42	64	19	8	0	1449	2384	31	198	0	0	6005	8.79	N/D	1.00	1.31	0.26
102/11-20-009-16W4/00	7-Jul-09	7.27	148	2120	41	40	11	0	0	1499	3378	166	9	0	0	7264	8.32	N/D	1.00	1.10	0.27
103/11-20-009-16W4/00	7-Jul-09		N/A																		
104/11-20-009-16W4/00	7-Jul-09	6.6	1318	4800	0	14	0	0	0	2499	0	67	4100	918	0	12397	11.80	N/D	1.01	0.58	0.45
105/11-20-009-16W4/00	7-Jul-09		N/A																		
100/12-20-009-16W4/00	7-Jul-09	6.41	243	2280	49	53	14	9	0	1649	3333	201	41	0	0	7628	8.43	N/D	1.00	1.09	0.30
105/12-20-009-16W4/00	7-Jul-09	77.6	1213	3840	0	17	0	0	0	1799	0	65	4080	538	0	10339	11.00	N/D	1.01	0.66	0.32
106/12-20-009-16W4/00	7-Jul-09	697	0	1760	45	40	17	0	0	1499	2533	115	34	0	0	6043	8.43	N/D	1.00	1.33	0.27
107/12-20-009-16W4/00	7-Jul-09		0																		
104/13-20-009-16W4/00	7-Jul-09	84.7	0	1710	46	40	15	0	0	1549	2643	75	0	0	0	6432	8.03	N/D	1.00	1.28	0.28
100/14-20-009-16W4/00	7-Jul-09	61.3	235	6930	23	81	27	0	0	9997	859	0	81	0	0	17999	8.66	N/D	1.01	0.41	1.79
102/14-20-009-16W4/00	7-Jul-09	559	2213	5700	28	3	1	5	0	1999	0	72	4580	827	0	13215	11.30	N/D	1.01	0.56	0.36
104/14-20-009-16W4/00	7-Jul-09	112	1268	3960	0	18	6	0	0	2499	1281	0	4080	0	0	11844	10.30	N/D	1.01	0.65	0.45
103/15-20-009-16W4/00	7-Jul-09	332	1513	6400	22	1	1	0	0	1749	0	69	4260	1196	0	13696	11.60	N/D	1.02	0.51	0.31
103/02-29-009-16W4/00	7-Jul-09	539	1533	6410	26	2	1	0	0	1699	0	63	4540	1128	0	13868	11.62	N/D	1.01	0.51	0.30
105/02-29-009-16W4/00	7-Jul-09		N/A																		
102/03-29-009-16W4/00	7-Jul-09	841	N/A	2060	48	51	19	0	0	1749	3160	0	86	0	0	7172	8.55	N/D	1.00	1.14	0.32
103/07-29-009-16W4/00	7-Jul-09	568	883	2800	41	40	18	0	0	1749	4551	82	242	0	0	9521	8.72	N/D	1.00	0.87	0.31
104/07-29-009-16W4/00	7-Jul-09	219	838	3000	11	23	6	0	0	1599	1627	32	2920	0	0	9216	10.10	N/D	1.01	0.78	0.29
105/07-29-009-16W4/00	7-Jul-09		N/A																		
100/08-29-009-16W4/00	7-Jul-09		na																		
102/09-29-009-16W4/00	7-Jul-09		N/A																		
102/13-07-009-16W4/00	21-Aug-09																				
100/14-07-009-16W4/00	21-Aug-09	50																			
102/14-07-009-16W4/00	21-Aug-09																				
104/13-17-009-16W4/00	21-Aug-09	8.56		2060	37	92	31	6	0	1749	3085	7	103	0	0	7169	8.56	N/D	1.00	1.19	0.32
106/13-17-009-16W4/00	21-Aug-09	7.47		1810	43	59	131	0	0	1749	2493	6	54	0	0	6344	8.46	N/D	1.00	1.32	0.32
100/01-18-009-16W4/00	21-Aug-09																				
102/02-18-009-16W4/00	21-Aug-09	7.06		3070	102	120	76	0	0	3149	2854	26	47	0	0	9442	8.44	N/D	1.00	0.80	0.57
100/04-18-009-16W4/00	21-Aug-09	7.56		1800	44	60	157	0	0	1500	2827	4	110	0	0	6502	8.63	34.08	1.00	1.28	0.27
102/04-18-009-16W4/00	21-Aug-09	7.67		1920	39	58	28	0	0	1550	3050	10	80	0	0	6734	8.52	102.24	1.00	1.24	0.28
100/06-18-009-16W4/00	21-Aug-09	26.1		2450	24	60	50	0	0	2749	2654	12	115	0	0	8113	8.64	N/D	1.00	1.02	0.50
103/06-18-009-16W4/00	21-Aug-09																				
104/06-18-009-16W4/00	21-Aug-09	8.1		1840	38	71	20	8	0	1250	2907	6	80	0	0	6220	8.50	51.12	1.00	1.39	0.23
102/07-18-009-16W4/00	21-Aug-09			2160	55	70	61	0	0	1699	2923	7	72	0	0	7046	8.49	N/D	1.00	1.19	0.31
103/09-18-009-16W4/00	21-Aug-09	68.8		6620	0	8	83	0	0	2499	0	58	4000	1111	0	14377	11.60	N/D	1.01	0.55	0.45
104/09-18-009-16W4/00	21-Aug-09																				
100/10-18-009-16W4/00	21-Aug-09	856		3480	0	43	3	0	0	2499	1057	46	2860	0	0	9988	10.20	N/D	1.00	0.81	0.45
102/10-18-009-16W4/00	21-Aug-09	65.9		7100	0	28	100	0	0	5998	0	80	5060	1105	0	19470	11.60	N/D	1.02	0.48	1.07
100/11-18-009-16W4/00	21-Aug-09	690		3450	22	51	10	0	0	2499	996	48	3180	0	0	10256	10.20	N/D	1.00	0.76	0.45
102/11-18-009-16W4/00	21-Aug-09																				
103/11-18-009-16W4/00	21-Aug-09																				
100/14-18-009-16W4/00	21-Aug-09																				
102/14-18-009-16W4/00	21-Aug-09	783		3350	32	44	20	0	0	2499	1464	38	2680	0	0	10127	10.10	N/D	1.00	0.80	0.45
100/15-18-009-16W4/00	21-Aug-09	176	484	2850	18	49	10	0	0	2499	2346	22	1466	0	0	9260	9.70	N/D	1.00	0.90	0.45
102/15-18-009-16W4/00	21-Aug-09																				
102/16-18-009-16W4/00	21-Aug-09	60.7		5660	17	18	175	0	0	2499	0	73	4220	861	0	13522	11.30	N/D	1.01	0.60	0.45
104/16-18-009-16W4/00	21-Aug-09	126		4510	0	52	63	5	0	1999	0	60	4200	312	0	11201	10.80	N/D	1.01	0.67	0.36
103/01-19-009-16W4/00	21-Aug-09	8.02		1760	75	72	86	15	0	1450	2664	5	0	0	0	6126	8.03	N/D	1.00	1.27	0.26
103/08-19-009-16W4/00	21-Aug-09	767		3180	63	62	74	17	0	2499	488	53	3360	0	0	9795	10.40	136.32	1.00	0.73	0.45

Well	Date	Silicate (ppm)	Polymer (ppm)	NA	K	CA	MG	FE	NH4	CL	HCO3	SO4	CO3	OH	NO3	TDS CALC	PH	H2S	RELATIVE RESISTIVITY DENSITY	SALINITY	
102/04-20-009-16W4/00	21-Aug-09	67.8		3970	12	30	139	0	0	2499	0	68	4300	952	0	11969	11.30	N/D	1.01	0.59	0.45
103/04-20-009-16W4/00	21-Aug-09	171		2230	37	68	61	0	0	1749	3115	30	418	0	0	7707	9.03	N/D	1.00	1.08	0.32
104/04-20-009-16W4/00	21-Aug-09	486																			
100/05-20-009-16W4/00	21-Aug-09	243		2230	25	62	160	0	0	1749	3237	22	668	0	0	8152	9.21	N/D	1.00	1.02	0.32
102/05-20-009-16W4/00	21-Aug-09																				
103/05-20-009-16W4/00	21-Aug-09	7.22		1910	85	91	73	16	0	1550	2847	4	30	0	0	6606	8.41	N/D	1.00	1.20	0.28
102/11-20-009-16W4/00	21-Aug-09	57.2		2170	50	66	75	0	0	1999	3241	25	406	0	0	8032	9.00	N/D	1.00	1.04	0.36
103/11-20-009-16W4/00	21-Aug-09	660		3180	22	49	12	0	0	2499	1200	39	2680	0	0	9680	10.10	N/D	1.00	0.81	0.45
104/11-20-009-16W4/00	21-Aug-09	83.4		6330	12	36	108	0	0	2499	0	67	4260	929	0	14241	11.60	N/D	1.01	0.56	0.45
105/11-20-009-16W4/00	21-Aug-09	68.6		5790	0	22	63	0	0	1999	0	70	4220	890	0	13053	11.50	N/D	1.01	0.57	0.36
100/12-20-009-16W4/00	21-Aug-09	170		2730	29	65	25	0	0	1999	3139	22	536	0	0	8545	9.12	N/D	1.00	1.04	0.36
105/12-20-009-16W4/00	21-Aug-09	1210		2550	11	37	52	0	0	1899	0	56	3900	204	0	8709	10.70	N/D	1.00	0.78	0.34
106/12-20-009-16W4/00	21-Aug-09			2050	53	57	63	0	0	1699	2567	129	18	0	0	6635	8.35	N/D	1.00	1.26	0.31
107/12-20-009-16W4/00	21-Aug-09																				
104/13-20-009-16W4/00	21-Aug-09	7.62		1620	54	59	22	0	0	0	2620	9	51	0	0	4434	8.47	N/D	1.00	1.28	0.00
100/14-20-009-16W4/00	21-Aug-09	11.7		8310	0	103	36	0	0	12496	527	3	0	0	0	21475	8.25	N/D	1.01	0.37	2.24
102/14-20-009-16W4/00	21-Aug-09	64.6		5450	0	32	13	0	0	2499	0	72	4580	1014	0	13660	11.70	N/D	1.01	0.56	0.45
104/14-20-009-16W4/00	21-Aug-09	5.87		1270	19	118	107	9	0	1300	2335	10	22	0	0	5189	8.38	N/D	1.00	1.50	0.24
103/15-20-009-16W4/00	21-Aug-09	60.7		6050	0	8	110	0	0	2499	0	62	4420	1366	0	14514	12.00	N/D	1.02	0.48	0.44
103/02-29-009-16W4/00	21-Aug-09	64		6100	340	51	0	13	0	2499	0	72	4540	1309	0	14924	11.90	204.48	1.01	0.48	0.45
105/02-29-009-16W4/00	21-Aug-09	207		3900	38	46	106	0	0	2999	3920	19	482	0	0	11510	8.98	N/D	1.00	0.94	0.54
102/03-29-009-16W4/00	21-Aug-09	9.07		2350	51	81	28	0	0	1550	3521	144	29	0	0	7752	8.38	N/D	1.00	0.99	0.28
103/07-29-009-16W4/00	21-Aug-09																				
104/07-29-009-16W4/00	21-Aug-09	803		3520	28	62	89	7	0	2499	1444	47	3320	0	0	11014	10.20	N/D	1.00	0.72	0.45
105/07-29-009-16W4/00	21-Aug-09																				
100/08-29-009-16W4/00	21-Aug-09	7.91		2260	35	90	70	0	0	1749	3813	6	175	0	0	8197	8.68	N/D	1.00	0.95	0.32
102/09-29-009-16W4/00	21-Aug-09																				
102/13-07-009-16W4/00	21-Sep-09																				
100/14-07-009-16W4/00	21-Sep-09																				
102/14-07-009-16W4/00	21-Sep-09																				
104/13-17-009-16W4/00	21-Sep-09	15.7		2290	47	49	28	0	0	1435	3854	10	75	0	0	7786	8.35	102.24	1.00	1.06	0.26
106/13-17-009-16W4/00	21-Sep-09	13.3		1900	35	43	19	0	0	1460	2575	0	24	0	0	6055	8.38	N/D	1.00	1.36	0.26
100/01-18-009-16W4/00	21-Sep-09																				
102/02-18-009-16W4/00	21-Sep-09	9.44		2780	86	38	63	0	0	3222	2846	5	50	0	0	9090	8.41	N/D	1.00	0.80	0.58
100/04-18-009-16W4/00	21-Sep-09			1950	43	33	12	0	0	1258	3065	5	32	0	0	6399	8.40	68.16	1.00	1.25	0.23
102/04-18-009-16W4/00	21-Sep-09	11.9		1870	53	38	19	0	0	1107	3355	14	0	0	0	6456	8.02	136.32	1.00	1.28	0.20
100/06-18-009-16W4/00	21-Sep-09																				
103/06-18-009-16W4/00	21-Sep-09	9.18		1960	46	33	16	0	0	1636	2631	63	16	0	0	6400	8.35	N/D	1.01	1.29	0.29
104/06-18-009-16W4/00	21-Sep-09	13.1		1820	42	22	63	0	0	1258	2872	9	108	0	0	6192	8.58	68.16	1.00	1.33	0.23
102/07-18-009-16W4/00	21-Sep-09	15.2		2100	40	29	24	0	0	1561	3034	0	38	0	0	6825	8.42	N/D	1.00	1.24	0.28
103/09-18-009-16W4/00	21-Sep-09	168		3890	13	4	70	0	0	1611	0	100	4000	1020	0	10707	11.50	N/D	1.02	0.62	0.29
104/09-18-009-16W4/00	21-Sep-09																				
100/10-18-009-16W4/00	21-Sep-09	761		2960	19	23	1	0	0	1889	813	62	3040	0	0	8807	10.40	N/D	1.00	0.84	0.34
102/10-18-009-16W4/00	21-Sep-09	299		5390	18	5	0	0	0	1988	0	119	5100	1224	0	13843	11.80	N/D	1.02	0.49	0.35
100/11-18-009-16W4/00	21-Sep-09	815		3000	34	19	2	0	0	1888	630	64	3400	0	0	9037	10.40	N/D	1.01	0.81	0.34
102/11-18-009-16W4/00	21-Sep-09	654		4760	11	3	1	0	0	1510	0	214	3980	1303	0	11781	11.70	N/D	1.02	0.51	0.27
103/11-18-009-16W4/00	21-Sep-09	776		2660	18	18	5	0	0	1636	854	31	2920	0	0	8143	10.20	N/D	1.00	0.81	0.29
100/14-18-009-16W4/00	21-Sep-09																				
102/14-18-009-16W4/00	21-Sep-09	158		3200	19	15	1	0	0	1889	0	89	4260	17	0	9490	10.70	N/D	1.01	0.75	0.34
100/15-18-009-16W4/00	21-Sep-09	317	559	2850	24	23	2	0	0	1762	2127	44	1844	0	0	8675	9.93	N/D	1.00	0.92	0.32
102/15-18-009-16W4/00	21-Sep-09	151		2410	40	22	15	0	0	1762	3241	22	416	0	0	7928	9.08	N/D	1.00	1.05	0.32

Well	Date	Silicate (ppm)	Polymer (ppm)	NA	K	CA	MG	FE	NH4	CL	HCO3	SO4	CO3	OH	NO3	TDS CALC	PH	H2S	RELATIVE RESISTIVITY DENSITY	SALINITY	
102/16-18-009-16W4/00	21-Sep-09	106		4100	11	4	0	0	0	1661	0	65	4420	884	0	11144	11.30	N/D	1.01	0.61	0.30
104/16-18-009-16W4/00	21-Sep-09	63.4		4530	14	8	1	0	0	1686	0	88	4240	397	0	10964	10.80	N/D	1.01	0.66	0.30
103/01-19-009-16W4/00	21-Sep-09	8.56		1650	31	49	80	0	0	1309	2639	42	22	0	0	5821	8.35	N/D	1.00	1.45	0.24
103/08-19-009-16W4/00	21-Sep-09	743		3400	13	17	5	0	0	1561	183	54	3640	0	0	8872	10.60	N/D	1.00	0.77	0.28
102/04-20-009-16W4/00	21-Sep-09	247		3940	18	20	1	0	0	1737	0	113	4200	1213	0	11242	11.60	N/D	1.02	0.55	0.31
103/04-20-009-16W4/00	21-Sep-09	160		2300	32	38	13	0	0	1384	3083	15	404	0	0	7269	9.07	N/D	1.00	1.14	0.25
104/04-20-009-16W4/00	21-Sep-09	8.3		1490	20	70	60	0	0	1233	2302	20	38	0	0	5233	8.41	N/D	1.00	1.52	0.22
100/05-20-009-16W4/00	21-Sep-09	371		2620	32	26	7	0	0	1510	2627	28	1238	0	0	8088	9.65	N/D	1.01	1.02	0.27
102/05-20-009-16W4/00	21-Sep-09																				
103/05-20-009-16W4/00	21-Sep-09	10.1		1890	34	37	24	0	0	1435	2927	3	10	0	0	6361	8.32	N/D	1.00	1.31	0.26
102/11-20-009-16W4/00	21-Sep-09	199		2410	24	11	19	0	0	1460	2843	49	742	0	0	7557	9.31	N/D	1.00	1.06	0.26
103/11-20-009-16W4/00	21-Sep-09	392		2900	21	28	17	0	0	1712	2721	87	1432	0	0	8917	9.64	N/D	1.00	0.92	0.31
104/11-20-009-16W4/00	21-Sep-09	429		5100	13	8	1	0	0	3196	0	95	4160	975	0	13547	11.70	N/D	1.01	0.54	0.57
105/11-20-009-16W4/00	21-Sep-09	10.9		3530	0	8	0	0	0	1889	0	97	4300	680	0	10504	11.30	N/D	1.01	0.65	0.34
100/12-20-009-16W4/00	21-Sep-09																				
105/12-20-009-16W4/00	21-Sep-09	152		2530	15	21	6	0	0	1636	0	208	3900	85	0	8401	10.60	N/D	1.01	0.74	0.29
106/12-20-009-16W4/00	21-Sep-09	11.8		1880	44	29	74	0	0	1485	2595	26	44	0	0	6175	8.44	N/D	1.00	1.35	0.27
107/12-20-009-16W4/00	21-Sep-09																				
104/13-20-009-16W4/00	21-Sep-09	14		1790	41	40	81	0	0	1485	2671	0	16	0	0	6124	8.34	N/D	1.00	1.31	0.27
100/14-20-009-16W4/00	21-Sep-09	0/06		6800	23	79	53	6	0	10697	586	161	0	0	0	18404	8.24	N/D	1.01	0.36	1.91
102/14-20-009-16W4/00	21-Sep-09	386		5460	20	5	6	0	0	1787	0	127	4500	1082	0	12987	11.60	N/D	1.01	0.55	0.32
104/14-20-009-16W4/00	21-Sep-09	491		3180	18	12	6	0	0	2139	956	125	4420	0	0	10854	10.50	N/D	1.01	0.64	0.38
103/15-20-009-16W4/00	21-Sep-09	500		5050	13	8	0	95	0	1889	0	77	4520	1292	0	12943	11.90	N/D	1.02	0.53	0.34
103/02-29-009-16W4/00	21-Sep-09	409		5920	17	5	7	0	0	1711	0	122	4400	1258	0	13439	11.70	N/D	1.02	0.52	0.30
105/02-29-009-16W4/00	21-Sep-09	413	556	2770	27	39	13	0	0	1611	2668	372	1518	0	0	9017	9.67	N/D	1.01	0.88	0.29
102/03-29-009-16W4/00	21-Sep-09	24.9	538	2410	31	37	29	0	0	1409	3604	37	117	0	0	7674	8.57	102.24	1.00	1.05	0.25
103/07-29-009-16W4/00	21-Sep-09	205	430	3560	18	25	11	0	0	1888	4685	47	1006	0	0	11239	9.35	N/D	1.01	0.85	0.34
104/07-29-009-16W4/00	21-Sep-09	422		2750	14	41	8	0	0	1686	935	55	3840	0	0	9328	10.30	N/D	1.01	0.69	0.30
105/07-29-009-16W4/00	21-Sep-09																				
100/08-29-009-16W4/00	21-Sep-09	12.4		2800	25	38	36	0	0	1485	4693	0	82	0	0	9158	8.47	68.16	1.00	0.91	0.27
102/09-29-009-16W4/00	21-Sep-09																				
102/13-07-009-16W4/00	20-Oct-09																				
100/14-07-009-16W4/00	20-Oct-09	104		5400	10	7	1	0	0	2499	0	66	7267	333	0	12543	10.70	N/D	1.01	0.61	0.45
102/14-07-009-16W4/00	20-Oct-09																				
104/13-17-009-16W4/00	20-Oct-09	15		2760	42	50	33	0	0	2499	2930	3	53	0	0	7176	8.38	N/D	1.00	1.16	0.45
106/13-17-009-16W4/00	20-Oct-09	6.59		1990	35	44	29	0	0	1749	2060	5	107	0	0	5152	8.49	N/D	1.00	1.38	0.32
100/01-18-009-16W4/00	20-Oct-09																				
102/02-18-009-16W4/00	20-Oct-09	7.09		3020	103	36	45	0	0	3999	2356	6	71	0	0	8664	8.42	N/D	1.00	0.83	0.72
100/04-18-009-16W4/00	20-Oct-09	7.16		1990	49	22	16	0	0	1749	2385	4	188	0	0	5374	8.66	N/D	1.00	1.38	0.32
102/04-18-009-16W4/00	20-Oct-09			2030	45	49	18	0	0	2099	2404	9	236	0	0	5832	8.70	N/D	1.00	1.40	0.38
100/06-18-009-16W4/00	20-Oct-09																				
103/06-18-009-16W4/00	20-Oct-09	7.41		1870	32	44	9	0	0	1500	1900	8	300	0	0	4782	8.95	N/D	1.00	1.42	0.27
104/06-18-009-16W4/00	20-Oct-09	9.12		1660	46	38	24	0	0	1500	2454	6	96	0	0	4803	8.46	N/D	1.00	1.42	0.27
102/07-18-009-16W4/00	20-Oct-09	23.2		2600	41	42	19	0	0	2999	2499	7	255	0	0	7359	8.73	N/D	1.00	1.10	0.54
103/09-18-009-16W4/00	20-Oct-09	76.1		7690	29	22	0	0	0	1999	0	75	6800	3200	0	15815	11.90	N/D	1.02	0.49	0.36
104/09-18-009-16W4/00	20-Oct-09																				
100/10-18-009-16W4/00	20-Oct-09	58.6		4500	17	24	1	0	0	1999	200	52	5000	0	0	9712	10.20	N/D	1.00	0.83	0.36
102/10-18-009-16W4/00	20-Oct-09	711		9290	23	24	7	0	0	2499	0	94	8500	3550	0	19166	12.20	N/D	1.02	0.48	0.44
100/11-18-009-16W4/00	20-Oct-09	56.2		3720	29	21	8	0	0	1999	550	59	4900	0	0	9106	10.10	N/D	1.01	0.78	0.36
102/11-18-009-16W4/00	20-Oct-09	1870		7900	0	5	0	0	0	1600	0	74	6700	3850	0	15908	12.10	N/D	1.02	0.51	0.28
103/11-18-009-16W4/00	20-Oct-09	68.1		3820	43	35	6	0	0	1999	550	155	5200	0	0	9508	10.25	N/D	1.00	0.80	0.36

Well	Date	Silicate (ppm)	Polymer (ppm)	NA	K	CA	MG	FE	NH4	CL	HCO3	SO4	CO3	OH	NO3	TDS CALC	PH	H2S	RELATIVE RESISTIVITY DENSITY	SALINITY	
100/14-18-009-16W4/00	20-Oct-09																				
102/14-18-009-16W4/00	20-Oct-09	9.22		4740	23	14	0	0	0	2999	500	66	6600	0	0	12101	10.50	N/D	1.01	0.63	0.54
100/15-18-009-16W4/00	20-Oct-09	416	1107	3920	38	20	0	0	0	2499	1660	44	3453	0	0	9589	9.93	N/D	1.00	0.87	0.45
102/15-18-009-16W4/00	20-Oct-09	313		3240	32	39	11	0	0	2499	2453	30	1440	0	0	8187	9.38	N/D	1.00	1.01	0.45
102/16-18-009-16W4/00	20-Oct-09	197		6820	15	21	0	0	0	1699	0	72	7400	2650	0	14657	11.60	N/D	1.02	0.56	0.30
104/16-18-009-16W4/00	20-Oct-09	235		5110	0	6	0	0	0	1999	0	77	9267	383	0	12982	10.90	N/D	1.01	0.64	0.36
103/01-19-009-16W4/00	20-Oct-09	6.13		1650	38	73	39	0	0	1250	2283	13	0	0	0	4432	8.08	N/D	1.00	1.53	0.23
103/08-19-009-16W4/00	20-Oct-09	97.1		4290	25	33	1	0	0	2499	1150	60	5000	0	0	10598	10.20	N/D	1.00	0.78	0.45
102/04-20-009-16W4/00	20-Oct-09	569		6800	16	23	0	0	0	1699	6600	80	14600	0	0	21337	12.00	N/D	1.02	0.48	0.30
103/04-20-009-16W4/00	20-Oct-09	172		2180	35	41	29	0	0	1749	2833	20	500	0	0	6053	8.85	N/D	1.00	1.16	0.32
104/04-20-009-16W4/00	20-Oct-09			1450	22	78	33	0	0	1400	1933	52	0	0	0	4194	7.98	N/D	1.00	1.63	0.25
100/05-20-009-16W4/00	20-Oct-09	285		3940	39	16	12	0	0	2999	2160	85	2360	0	0	9804	9.64	N/D	1.00	0.92	0.54
102/05-20-009-16W4/00	20-Oct-09																				
103/05-20-009-16W4/00	20-Oct-09	7.58		1710	48	52	32	0	0	1749	2467	4	0	0	0	5073	8.14	N/D	1.00	1.37	0.32
102/11-20-009-16W4/00	20-Oct-09	248		3090	40	32	18	0	0	2999	2453	19	1440	0	0	8533	9.36	N/D	1.00	0.94	0.54
103/11-20-009-16W4/00	20-Oct-09																				
104/11-20-009-16W4/00	20-Oct-09	6.43		7400	29	9	11	0	0	1762	0	73	7033	3300	0	15484	11.80	N/D	1.01	0.54	0.31
100/12-20-009-16W4/00	20-Oct-09	220		2930	42	31	8	0	0	2249	3111	82	1103	0	0	7869	8.83	N/D	1.01	1.03	0.40
105/12-20-009-16W4/00	20-Oct-09			4570	18	22	10	0	0	2499	0	60	6633	367	0	11378	10.60	N/D	1.01	0.73	0.45
106/12-20-009-16W4/00	20-Oct-09	7.2		1700	37	38	20	0	0	1762	2112	105	22	0	0	4941	8.34	N/D	1.00	1.37	0.32
107/12-20-009-16W4/00	20-Oct-09																				
104/13-20-009-16W4/00	20-Oct-09	7.66		2380	32	41	20	0	0	2249	2217	13	0	0	0	6065	7.94	N/D	1.00	1.35	0.41
100/14-20-009-16W4/00	20-Oct-09	7.18		7900	18	93	35	6	0	10997	520	7	0	0	0	19361	8.10	N/D	1.01	0.36	1.97
102/14-20-009-16W4/00	20-Oct-09	404		7260	20	6	0	0	0	2499	0	89	7000	2800	0	15753	11.80	N/D	1.02	0.52	0.44
104/14-20-009-16W4/00	20-Oct-09	88.4		4460	28	16	13	0	0	1999	733	124	7967	0	0	11860	10.40	N/D	1.01	0.61	0.36
103/15-20-009-16W4/00	20-Oct-09	382		8960	0	6	0	0	0	1999	0	88	7900	3250	0	17743	12.20	N/D	1.02	0.49	0.36
103/02-29-009-16W4/00	20-Oct-09	695		8700	26	7	0	0	0	2999	0	78	7500	3600	0	18470	12.00	N/D	1.02	0.45	0.53
105/02-29-009-16W4/00	20-Oct-09	382	538	3140	38	35	15	0	0	2499	2263	44	2403	0	0	8571	9.59	N/D	1.00	0.95	0.45
102/03-29-009-16W4/00	20-Oct-09	68		2530	55	82	26	0	0	2499	3160	11	340	0	0	7302	8.72	289.68	1.00	1.03	0.45
103/07-29-009-16W4/00	20-Oct-09																				
104/07-29-009-16W4/00	20-Oct-09	76.6		4010	29	26	3	0	0	1999	783	60	6667	0	0	10596	10.40	N/D	1.01	0.69	0.36
105/07-29-009-16W4/00	20-Oct-09																				
100/08-29-009-16W4/00	20-Oct-09																				
102/09-29-009-16W4/00	20-Oct-09																				
102/13-07-009-16W4/00	19-Nov-09	352		3060	18	24	1	0	0	1749	1550	38	2767	0	0	7480	9.98	N/D	1.00	0.99	0.32
100/14-07-009-16W4/00	19-Nov-09	535		3490	13	18	0	0	0	1749	817	53	4467	0	0	8493	10.40	N/D	1.00	0.88	0.31
102/14-07-009-16W4/00	19-Nov-09																				
104/13-17-009-16W4/00	19-Nov-09																				
106/13-17-009-16W4/00	19-Nov-09	7.42		1730	26	45	18	0	0	1450	2100	70	0	0	0	4598	8.26	N/D	1.00	1.16	0.26
100/01-18-009-16W4/00	19-Nov-09																				
102/02-18-009-16W4/00	19-Nov-09	9.83		2860	93	83	37	0	0	3249	2356	10	10	0	0	7752	8.31	N/D	1.00	0.83	0.58
100/04-18-009-16W4/00	19-Nov-09	8.8		1900	34	34	15	0	0	1325	2299	12	184	0	0	4810	8.63	102.24	1.00	1.30	0.24
102/04-18-009-16W4/00	19-Nov-09	7.97		1830	45	35	10	0	0	1175	2547	11	137	0	0	4716	8.57	204.48	1.00	1.42	0.21
100/06-18-009-16W4/00	19-Nov-09	22		4550	30	51	21	0	0	5648	1673	81	94	0	0	11441	8.49	N/D	1.01	0.61	1.02
103/06-18-009-16W4/00	19-Nov-09	9.1		1970	37	2	10	0	0	1575	2072	12	145	0	0	4935	8.62	102.24	1.00	1.36	0.28
104/06-18-009-16W4/00	19-Nov-09	9.24		1970	42	40	14	0	0	1749	2377	12	206	0	0	5375	8.71	204.48	1.00	1.28	0.32
102/07-18-009-16W4/00	19-Nov-09	59		2300	45	39	13	0	0	1724	2610	8	390	0	0	5929	8.83	N/D	1.00	1.14	0.31
103/09-18-009-16W4/00	19-Nov-09																				
104/09-18-009-16W4/00	19-Nov-09																				
100/10-18-009-16W4/00	19-Nov-09	959		3950	0	20	0	0	0	1749	50	55	6267	0	0	9564	10.70	102.24	1.01	0.79	0.31
102/10-18-009-16W4/00	19-Nov-09	96.1		8500	32	8	0	0	0	1874	0	56	8267	3800	0	17709	11.90	N/D	1.02	0.48	0.33

Well	Date	Silicate (ppm)	Polymer (ppm)	NA	K	CA	MG	FE	NH4	CL	HCO3	SO4	CO3	OH	NO3	TDS CALC	PH	H2S	RELATIVE RESISTIVITY DENSITY	SALINITY	
100/11-18-009-16W4/00	19-Nov-09	101		5200	0	20	0	0	0	1874	0	58	7500	483	0	11942	10.80	N/D	1.01	0.69	0.34
102/11-18-009-16W4/00	19-Nov-09	203		6700	0	6	0	0	0	1450	0	63	6567	4033	0	14578	12.00	N/D	1.02	0.56	0.26
103/11-18-009-16W4/00	19-Nov-09																				
100/14-18-009-16W4/00	19-Nov-09																				
102/14-18-009-16W4/00	19-Nov-09	127		4680	21	14	0	0	0	1774	0	49	7333	217	0	11068	10.80	N/D	1.01	0.69	0.32
100/15-18-009-16W4/00	19-Nov-09	463	524	3030	34	18	2	0	0	1749	1100	34	4233	0	0	8066	10.30	N/D	1.00	0.84	0.32
102/15-18-009-16W4/00	19-Nov-09	377		3030	22	34	2	0	0	1999	1853	25	2430	0	0	7681	9.85	N/D	1.00	0.93	0.36
102/16-18-009-16W4/00	19-Nov-09	79.9		7680	0	9	1	0	0	1624	0	1	6833	3367	0	15434	11.70	N/D	1.02	0.59	0.29
104/16-18-009-16W4/00	19-Nov-09	69.3		5530	0	12	0	0	0	1599	0	40	6967	1500	0	12261	11.10	N/D	1.01	0.67	0.29
103/01-19-009-16W4/00	19-Nov-09	22.9		1770	32	79	30	0	0	1375	2250	96	0	0	0	4732	8.02	N/D	1.00	1.18	0.25
103/08-19-009-16W4/00	19-Nov-09																				
102/04-20-009-16W4/00	19-Nov-09																				
103/04-20-009-16W4/00	19-Nov-09																				
104/04-20-009-16W4/00	19-Nov-09	8.38		1450	13	91	3	0	0	1275	1950	17	0	0	0	4019	8.15	N/D	1.01	1.32	0.23
100/05-20-009-16W4/00	19-Nov-09	464		2840	23	33	1	0	0	1525	2067	15	2367	0	0	7096	9.84	N/D	1.00	0.97	0.28
102/05-20-009-16W4/00	19-Nov-09																				
103/05-20-009-16W4/00	19-Nov-09	8.8		1750	33	53	23	0	0	1450	2336	6	164	0	0	4813	8.57	N/D	1.00	1.15	0.26
102/11-20-009-16W4/00	19-Nov-09																				
103/11-20-009-16W4/00	19-Nov-09	76.6		4220	22	20	2	0	0	1749	0	49	6967	33	0	13062	10.70	N/D	1.01	0.70	0.31
104/11-20-009-16W4/00	19-Nov-09	261		6690	15	10	0	0	0	1649	0	51	6800	3467	0	14574	12.00	N/D	1.01	0.55	0.29
105/11-20-009-16W4/00	19-Nov-09	57.9		6200	17	8	0	0	0	1599	0	47	7233	2250	0	13561	11.40	N/D	1.01	0.61	0.29
100/12-20-009-16W4/00	19-Nov-09	318		2840	36	40	2	0	0	1575	2333	28	1917	0	0	7070	9.62	N/D	1.00	0.96	0.28
105/12-20-009-16W4/00	19-Nov-09	494		3820	21	12	0	0	0	1624	167	47	6333	0	0	9424	10.60	N/D	1.01	0.80	0.29
106/12-20-009-16W4/00	19-Nov-09	8.71		1780	30	39	10	0	0	1500	2133	105	0	0	0	4743	8.20	N/D	1.00	1.14	0.27
107/12-20-009-16W4/00	19-Nov-09	9.44		2450	57	74	212	0	0	2749	2244	3	73	0	0	6935	8.45	N/D	1.00	0.97	0.50
104/13-20-009-16W4/00	19-Nov-09	9.17		1850	32	41	15	7	0	1475	2097	21	119	0	0	4763	8.56	N/D	1.00	1.16	0.27
100/14-20-009-16W4/00	19-Nov-09																				
102/14-20-009-16W4/00	19-Nov-09	92.5		7040	0	6	21	0	0	1624	0	60	7700	2900	0	15111	11.60	N/D	1.01	0.55	0.29
104/14-20-009-16W4/00	19-Nov-09	152		5350	0	11	0	0	0	1874	0	74	9000	133	0	12789	10.80	N/D	1.01	0.65	0.34
103/15-20-009-16W4/00	19-Nov-09	364		6900	22	7	0	0	0	1649	0	47	7567	3333	0	15165	11.90	N/D	1.02	0.50	0.29
103/02-29-009-16W4/00	19-Nov-09	774		6600	20	1	0	0	0	1649	0	65	7333	3950	0	15105	12.00	N/D	1.02	0.55	0.29
105/02-29-009-16W4/00	19-Nov-09	405	430	3200	38	28	6	0	0	1749	2117	109	2500	0	0	7899	9.77	N/D	1.00	0.90	0.32
102/03-29-009-16W4/00	19-Nov-09	146		2740	29	70	16	0	0	1749	3400	6	433	0	0	6910	8.79	102.24	1.00	1.01	0.32
103/07-29-009-16W4/00	19-Nov-09	519		3850	17	23	2	0	0	1874	3377	37	2907	0	0	9572	9.68	N/D	1.00	0.78	0.34
104/07-29-009-16W4/00	19-Nov-09	301		5000	0	20	0	0	0	1874	217	48	7533	0	0	11591	10.70	N/D	1.01	0.71	0.34
105/07-29-009-16W4/00	19-Nov-09																				
100/08-29-009-16W4/00	19-Nov-09			2910	40	41	7	0	0	1749	3533	16	1133	0	0	7562	9.24	N/D	1.00	0.89	0.32
102/09-29-009-16W4/00	19-Nov-09	22		1780	43	42	17	0	0	1525	2233	52	0	0	0	4797	8.22	N/D	1.00	1.14	0.28