AMERICAN SODA, L.L.P.

2717 County Road 215
Parachute, CO 81635

David Valvoda
Plant Manager

Telephone (970) 285-6500
Facsimile (970) 285-6393

Wednesday, April 25, 2012

ENV017.12

Mr. Travis Marshall
Environmental Protection Specialist
Colorado Division of Reclamation, Mining and Safety
Grand Junction Field Office
101 Third Street, Suite 310
Grand Junction, CO 81501

Dear Mr. Marshall:

Enclosed are two copies of American Soda's 46th Quarterly Report in compliance with Hard Rock Mining Operation Permit No. M-99-002. One copy of the document is not bound so it can easily be electronically scanned. These documents include environmental ground water monitoring data collected and compiled during our forty-sixth quarter of operations (March 2012). No solution mining activity occurred during the report period.

The ground water data summary report is spiral bound as a non-confidential document and includes a comparison of the 46th operational quarter with baseline and operational general statistics prior to the current reporting period. In addition, the tables provide information for comparison of Ground Water Standards as provided in Regulation No. 41 and Numeric Protective Levels and Early Warning Indicators as amended in TR-4.

Comparison of the data values with the Early Warning Indicators (EWI) and the Numeric Protective Levels (NPL) indicates no values above the calculated EWI or NPL during the report period. This information is summarized in the Executive Summary of the Ground Water Monitoring report.

No other activity regarding the production wells or well field occurred during the report period.

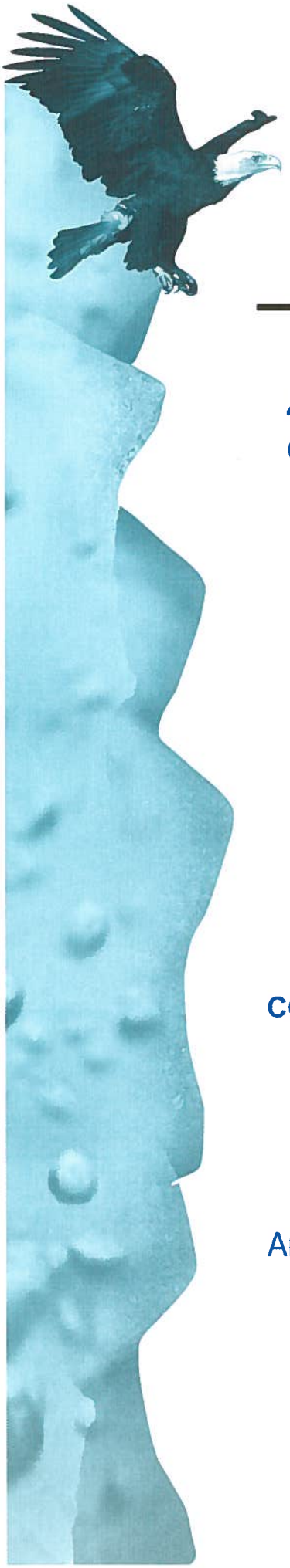
Should you have any questions or comments regarding this information please contact me at (970) 285-0428 or Celina Akin at (970) 285-0406.

Sincerely,

David Valvoda

David Valvoda
Plant Manager

DV/CMA



AMERICAN SODA, LLP

YANKEE GULCH SODIUM MINERALS PROJECT

RECEIVED
APR 26 2012
GRAND JUNCTION FIELD OFFICE
DIVISION OF
RECLAMATION MINING & SAFETY

January 1, 2012 through March 31, 2012

46th QUARTER PHASE I – INTERIM STATUS GROUND WATER MONITORING REPORT

E.P.A. U.I.C.
Area Permit CO3858-00000
Hard Rock Mining Operation
Permit No. M-99-002
U.S. Sodium Lease
Nos. C-0118328 and C-0118329

Submitted To:

U. S. ENVIRONMENTAL PROTECTION AGENCY, REGION VIII
COLORADO DEPARTMENT OF NATURAL RESOURCES, RECLMATION, MINING & SAFETY DIVISION
UNITED STATES DEPARTMENT OF THE INTERIOR, BUREAU OF LAND MANAGEMENT

By:

American Soda L. L. P., a wholly owned subsidiary of
Solvay Chemicals
PARACHUTE, COLORADO

April 25, 2012

DMG – Travis Marshall (4/6)

2717 County Road 215 • Parachute, CO 81635 • International Telephone 970.285.6500
Customer Service Toll Free 877.SODA ASH • Fax 970.285.0488 • www.americansoda.com

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EXECUTIVE SUMMARY

Executive Summary

American Soda, L.L.P. is submitting this 46th Quarterly Ground Water Monitoring Report in compliance with E.P.A. U. I. C. Area Permit CO3858-00000 Final Modification No. 9 (March 31, 2005), MLRB Hard Rock Mining Operation Permit No. M-99-002 (Technical Revision No. 4), and U. S. B. L. M. Sodium Lease Nos. C-0118328 and C-0118329 Record of Decision. The data presented in this document represents the time period from January 1, 2012 through March 31, 2012. The Piceance processing plant and well field were in temporary suspension of production operations status and no solution mining activity occurred during the report period.

The hydrologic monitoring program for the current reporting period at the Yankee Gulch Sodium Minerals Project includes monitoring of eight key metals and 14 wet chemistry constituents from 22 sampling locations including five separate water bearing zones. Sampling points are positioned up gradient, down gradient, cross gradient, and in-panel in relation to the mining activity. Recording of water elevations and field parameters is completed in conjunction with collection of the water quality samples from each well. As a result of the high solids content of the dissolution aquifer, sampling is only reliably successful at one dissolution sample point. The completion of this well (21-3D) is in the upper portion of the dissolution aquifer where dissolved solids are somewhat less concentrated. Water levels in all three dissolution surface monitoring wells are being manually measured and recorded on a quarterly basis. One down stream private domestic ground water well (BURKE) is also sampled quarterly.

Before American Soda commenced mining operations in 2000, fifteen months of baseline ground water data was collected. The current quarter monitoring data for each well is summarized in a one page table per well in this document. Not only is the raw data for the present reporting period included, but also regulatory standards and statistics are shown for comparison and, additionally, baseline and

operational statistics are calculated for all data prior to the reporting period. Colorado Division of Reclamation and Mine Safety (CDRMS) defined Numeric Protective Levels (NPL) and Early Warning Indicators (EWI) are shown for each constituent at each well where these statistical values apply.

Comparison of the data values with the Early Warning Indicators (EWI) and the Numeric Protective Levels (NPL) indicates no values flagged above the calculated limits during the sample period.

AMERICAN SODA INTERIM STATUS

DATA SUMMARY GROUND WATER WELL 28-1

JULY 1, 1999 - MARCH 31, 2012

Well ID	28-1	28-1	28-1	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - DECEMBER 31, 2011					
Sample Date	9/18/2011	12/8/2011	12/8/2011	Protection	Warning	Standard													
Sample Type*	Average	Primary	Primary	Level	Indicator	Regulation	Standard												
Completion Horizon	Alluvial	Alluvial	Alluvial	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Boron, dissolved	0.61	0.65	0.65	None	0.94	0.75	Agricultural	15	0	0.72	0.52	0.605	0.056	81	0	0.72	0.51	0.63	0.040
Calcium, dissolved	93.7	89	93.8	None	None	None	None	15	0	77.5	52.7	68.4	7.2	81	0	99.1	51.9	81.3	8.2
Iron, dissolved	<0.04	0.05	<0.04	None	None	0.3	Secondary Drinking Water	15	9	0.12	0.005	0.027	0.033	81	57	0.32	0.005	0.046	0.049
Lithium, dissolved	0.05	0.03	<0.04	None	2.5	2.5	Agricultural	15	15	0.05	0.02	0.026	0.012	81	67	0.1	0.02	0.044	0.013
Magnesium, dissolved	405	402	443	None	None	None	None	15	0	340	224	282.6	32.3	81	0	426	200	345.4	39.8
Potassium, dissolved	4.1	4.2	5.2	None	5.21	None	None	15	0	4	2.9	3.5	0.4	81	0	9	2	3.8	0.9
Silica, dissolved	27	26.9	25.4	None	35.96	None	None	15	0	28	20.8	24.6	2.2	81	0	29	21.2	26.3	1.2
Sodium, dissolved	947	982	956	None	1294	None	None	15	0	961	659	830.3	77.7	81	0	1100	673	935	81
Bicarb as CaCO3	1045	1030	1100	None	None	None	None	15	0	1130	985	1055	37	81	0	1550	865	1094	90
Carbonate as CaCO3	22	95	31	None	None	None	None	15	15	10	1	5	5	81	70	95	1	8	19.62
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	10	1	5	5	81	81	1	1	1	0.00
Total Alkalinity	1070	1120	1130	None	1290	None	None	15	0	1130	985	1055	37	81	0	1550	865	1101	88
Cation-Anion Balance %	<0.4	0.9	1					15	12	22.9	-8.4	-1.2	7.1	81	55	13.8	-8.55	-1.0	3.5
Sum of Anions meq/L	74.9	79.3	81.6					15	0	73.4	37.9	65.19	8.53	81	0	90.15	54.6	75.37	6.78
Sum of Cations meq/L	79.8	80.7	83.2					15	0	73.6	50.3	63.36	6.33	81	0	87	50.4	73.75	6.94
Chloride	76	79	81	None	None	250	Secondary Drinking	15	0	83	53	73	8	81	0	91	49	75	6
Cond @ 25C (umhos/cm)	5715	5730	5830	None	7324	None	None	15	0	5390	3640	4832	449	81	0	6500	4090	5377	490
Fluoride	0.7	0.7	0.7	None	2	2	Agricultural	14	0	0.9	0.7	0.8	0.08	81	0	1.2	0.4	0.7	0.13
pH (units)	8.3	8.2	8.3	None	None	6.5 - 8.5	Secondary Drinking	15	0	8.3	7.5	7.8	0.2	81	0	8.5	6.9	7.9	0.3
Total Dissolved Solids	4875	5020	5080	None	5407	4948	TDS Water Quality Standards	15	0	4380	3450	3958	248	81	0	5310	3260	4542	401
Sulfate	2450	2600	2700	None	None	250	Secondary Drinking	15	0	2350	710	2000	393	81	0	2900	1600	2435	264
TDS (calc)	4660	4860	4980					15	0	4480	2570	3921	474	81	0	5270	3250	4574	400
TDS ratio	1.05	1.03	1.02					15	0	1.5	0.92	1.02	0.14	81	0	1.16	0.9	0.994	0.05
Temperature	13.3	10	11.2					15	0	17.1	10.3	14.0	2.2	81	0	16.6	7.8	11.5	1.7

* Sample Type = Primary (one sample is represented), = Average (duplicate samples are averaged). ** Constituents reported in mg/l unless otherwise noted.

A symbol "<" before a number indicates that the value is not detected. The number following "<" is the analytical limit of detection based upon the method and the sample matrix.

Analyte concentrations reported below the detection limit are set equal to one half the detection limit for all statistical calculations.

AMERICAN SODA INTERIM STATUS

DATA SUMMARY GROUND WATER WELL 21-2

JULY 1, 1999 - MARCH 31, 2012

Well ID	21-2	21-2	21-2	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - DECEMBER 31, 2012					
Sample Date	9/19/2011	12/8/2011	3/12/2012	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Primary	Level	Indicator	Regulation	Standard												
Completion Horizon	Alluvial	Alluvial	Alluvial	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Boron, dissolved	0.14	0.16	0.15	None	0.75	0.75	Agricultural	15	0	0.2	0.15	0.162	0.017	81	0	0.17	0.1	0.15	0.012
Calcium, dissolved	121	126	130	None	None	None	None	15	0	139	100	124.8	9.0	81	0	145	114	125.5	5.7
Iron, dissolved	0.82	0.39	0.66	None	None	0.3	Secondary Drinking Water	15	0	0.89	0.05	0.602	0.265	81	0	0.88	0.062	0.702	0.147
Lithium, dissolved	0.08	0.09	0.08	None	2.5	2.5	Agricultural	15	2	0.12	0.05	0.089	0.014	81	3	0.5	0.05	0.094	0.046
Magnesium, dissolved	158	163	179	None	None	None	None	15	0	177	156	162.2	6.1	81	0	185	146	161.4	7.0
Potassium, dissolved	1.4	1.4	2	None	3.11	None	None	15	2	2	1	1.5	0.2	81	3	2.7	1	1.5	0.24
Silica, dissolved	53.3	53.3	50.7	None	82.06	None	None	15	0	57.3	34.9	50.9	5.4	81	0	66	49.3	54.2	2.42
Sodium, dissolved	214	219	214	None	425	None	None	15	0	600	201	247.8	101.1	81	0	247	180	210	12
Bicarb as CaCO3	836	858	868	None	None	None	None	15	0	1810	791	970	248	81	0	1050	645	868	62
Carbonate as CaCO3	<2	<2	<2	None	None	None	None	15	15	10	1	5	5	81	81	1	-2	1	0
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	10	1	5	5	81	81	1	-2	1	0
Total Alkalinity	836	858	868	None	1493	None	None	15	0	1810	791	970	248	81	0	1050	645	868	62
Cation-Anion Balance %	0.9	2.3	2.8					15	5	5	-4.7	0.02	2.8	81	40	10.2	-7.9	0.5	3.2
Sum of Anions meq/L	28.1	28.1	29					14	0	33.9	27.3	29.84	1.88	81	0	32.6	25.3	28.71	1.28
Sum of Cations meq/L	28.6	29.4	30.7					14	0	34.7	27.7	29.67	1.84	81	0	33	26.3	28.93	1.13
Chloride	15	16	16	None	None	250	Secondary Drinking	15	0	23	10	13	3	81	0	18	10	14	2
Cond @ 25C (umhos/cm)	2190	2130	2220	None	3154	None	None	15	0	22300	2090	3684	5164	81	0	2395	565	2145	205
Fluoride	0.3	0.3	0.3	None	2.0	2.0	Agricultural	15	0	0.5	0.3	0.4	0.1	81	1	18	0.05	0.5	2.0
pH (units)	7.9	8	8	None	None	6.5 - 8.5	Secondary Drinking	15	0	8	6.4	7.1	0.4	81	0	8.2	5.5	7.4	0.4
Total Dissolved Solids	1610	1600	1610	None	2060	2076	TDS Water Quality Standards	15	0	2550	1510	1661	253	81	0	1700	1460	1578	38
Sulfate	520	500	530	None	None	250	Secondary Drinking	15	0	550	530	536	7	81	0	750	400	520	37
TDS (calc)	1590	1590	1640					15	0	2550	1560	1725	242	81	0	1740	1500	1613	46
TDS ratio	1.01	1.01	0.98					15	0	1.01	0.93	0.96	0.02	81	0	1.08	0.88	0.979	0.04
Temperature	12.5	9.3	11.2					15	0	18.1	8.7	12.1	2.5	81	0	16.8	6.9	11.6	2.1

* Sample Type = Primary (one sample is represented), = Average (duplicate samples are averaged). ** Constituents reported in mg/l unless otherwise noted.

A symbol "<" before a number indicates that the value is not detected. The number following "<" is the analytical limit of detection based upon the method and the sample matrix.

Analyte concentrations reported below the detection limit are set equal to one half the detection limit for all statistical calculations.

AMERICAN SODA INTERIM STATUS

DATA SUMMARY GROUND WATER WELL 21-5

JULY 1, 1999 - MARCH 31, 2012

Well ID	21-5	21-5	21-5	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - DECEMBER 31, 2011					
Sample Date	9/19/2011	12/8/2011	3/12/2012	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Primary	Level	Indicator	Regulation	Standard												
Completion Horizon	Alluvial	Alluvial	Alluvial	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Boron, dissolved	0.39	0.41	0.43	None	0.75	0.75	Agricultural	15	0	0.43	0.36	0.389	0.017	81	0	0.43	0.19	0.39	0.029
Calcium, dissolved	50.3	50.5	54.4	None	None	None	None	15	0	56.3	51.2	53.0	1.4	81	0	58.7	38.3	52.9	2.6
Iron, dissolved	0.09	0.1	0.09	None	None	0.3	Secondary Drinking Water	15	0	0.23	0.06	0.173	0.048	81	0	0.5	0.07	0.146	0.060
Lithium, dissolved	0.05	0.05	0.06	None	2.5	2.5	Agricultural	15	0	0.07	0.05	0.061	0.005	81	0	0.08	0.03	0.063	0.0069
Magnesium, dissolved	119	117	133	None	None	None	None	15	0	135	122	128.0	3.0	81	0	137	61.2	123.9	9.2
Potassium, dissolved	1.8	2.1	2.5	None	3.86	None	None	15	1	2.3	1	2.0	0.3	81	0	3.5	1	2.1	0.3
Silica, dissolved	27.6	27.6	26.4	None	31.84	None	None	15	0	29.3	27	28.0	0.7	81	0	31.1	26	28.3	1.0
Sodium, dissolved	501	494	484	None	498	None	None	15	0	456	418	442.7	11.5	81	0	520	356	470	23
Bicarb as CaCO3	924	852	918	None	None	None	None	15	0	975	801	858	45	81	0	1170	656	877	65
Carbonate as CaCO3	<2	108	42	None	None	None	None	15	14	20	1	5	6	81	58	108	1	15	26
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	10	1	4	4	81	81	1	1	1	0
Total Alkalinity	924	960	960	None	1167	None	None	15	0	975	801	860	44	81	0	1250	656	890	71
Cation-Anion Balance %	0.6	-0.7	0.3					15	7	3.35	-2.8	0.3	1.6	81	43	9.1	-10.4	-0.3	2.6
Sum of Anions meq/L	34.1	34.4	34.8					14	0	35.75	32	33.01	1.00	81	0	39.4	30	33.85	1.28
Sum of Cations meq/L	34.5	33.9	35.0					14	0	33.8	31.2	32.86	0.69	81	0	36.7	25.5	33.63	1.57
Chloride	36	37	38	None	250	250	Secondary Drinking	14	0	37	25	30	3	81	0	38	28	32	2
Cond @ 25C (umhos/cm)	2780	2700	2750	None	3331	None	None	15	0	2690	2110	2572	148	81	0	2970	1270	2649	201
Fluoride	1.5	1.4	1.5	None	2	2	Agricultural	14	0	1.5	1.2	1.4	0.1	81	0	1.85	0.1	1.4	0.2
pH (units)	8.2	8.3	8.3	None	None	6.5 - 8.5	Secondary Drinking	15	0	8.3	7.6	7.9	0.2	81	0	8.7	7.1	8.1	0.3
Total Dissolved Solids	2020	2010	2030	None	2116	2319	TDS Water Quality Standards	15	0	1940	1780	1855	45	81	0	2020	1870	1937	30
Sulfate	690	670	690	None	None	250	Secondary Drinking	15	0	730	700	709	10	81	0	770	580	717	48
TDS (calc)	1990	1980	2010					15	0	2010	1880	1916	37	81	0	2170	1730	1972	59
TDS ratio	1.02	1.02	1.01					14	0	1	0.95	0.97	0.02	81	0	1.1	0.89	0.984	0.03
Temperature	13.3	8.4	12.3					15	0	15.5	8.1	12.2	1.9	81	0	17.6	8.3	11.9	1.7

* Sample Type = Primary (one sample is represented), = Average (duplicate samples are averaged). ** Constituents reported in mg/l unless otherwise noted.

A symbol "<" before a number indicates that the value is not detected. The number following "<" is the analytical limit of detection based upon the method and the sample matrix.

Analyte concentrations reported below the detection limit are set equal to one half the detection limit for all statistical calculations.

AMERICAN SODA INTERIM STATUS

DATA SUMMARY GROUND WATER WELL 20-8

JULY 1, 1999 - MARCH 31, 2012

Well ID	20-8	20-8	20-8	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - DECEMBER 30, 2011					
Sample Date	9/1/2011	12/1/2011	3/1/2012	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Primary	Level	Indicator	Regulation	Standard												
Completion Horizon	Uinta	Uinta	Uinta	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Boron, dissolved	No	No	No	None	0.75	0.75	Agricultural	15	0	0.45	0.27	0.384	0.057	72	1	0.46	0.09	0.11	0.042
Calcium, dissolved	Sample	Sample	Sample	None	None	None	None	15	0	52.3	19.45	26.6	7.3	72	0	97	24.9	81.0	8.1
Iron, dissolved	3rd	4th	1st	None	None	0.3	Secondary Drinking Water	15	0	2.45	0.052	0.480	0.564	72	0	53.1	0.83	8.820	6.603
Lithium, dissolved	Quarter	Quarter	Quarter	None	2.5	2.5	Agricultural	15	0	0.22	0.1	0.182	0.036	72	4	0.22	0.01	0.062	0.026
Magnesium, dissolved	2011	2011	2012	None	None	None	None	15	0	82.2	45.45	58.2	7.5	72	0	143	59.5	126.9	9.7
Potassium, dissolved	Mechanical	Mechanical	Mechanical	None	2.36	None	None	15	0	1.7	0.3	1.3	0.3	72	3	3	1	1.5	0.2
Silica, dissolved	Failure	Failure	Failure	None	58.22	None	None	15	0	37	21.8	27.1	3.2	72	0	235	27.4	47.5	22.7
Sodium, dissolved	Of	Of	Of	None	349	None	None	15	0	1360	673	1178.8	174.4	72	0	1310	169	202	133
Bicarb as CaCO3	Dedicated	Dedicated	Dedicated	None	None	None	None	15	0	3360	1790	2648	371	72	0	3050	569	771	277
Carbonate as CaCO3	Sampling	Sampling	Sampling	None	None	None	None	15	13	195	1	23	51	72	69	18	<2	2	3
Hydroxide as CaCO3	Equipment	Equipment	Equipment	None	None	None	None	15	15	10	1	6	5	72	72	1	<2	1	0
Total Alkalinity	In	In	In	None	1062	None	None	15	0	3360	1790	2665	361	72	0	3050	569	772	277
Cation-Anion Balance %	Well	Well	Well					15	9	11	-7.6	-0.6	4.5	72	18	10.1	-6.1	1.4	2.9
Sum of Anions meq/L								15	0	73.3	42.9	59.71	7.28	72	0	67.4	19.5	23.32	5.42
Sum of Cations meq/L								15	0	65.9	39.3	58.83	6.81	72	0	64	21.8	23.93	4.88
Chloride				None	None	250	Secondary Drinking	15	0	126	73	106	15	72	0	121	12	16	13
Cond @ 25C (umhos/cm)				None	2402	None	None	15	0	6390	3510	4717	707	72	0	6660	1350	1810	591
Fluoride				None	2	2	Agricultural	15	0	7	3.9	5.7	0.8	72	2	6	0.05	0.4	0.7
pH (units)				None	None	6.5 - 8.5	Secondary Drinking	15	0	8	7.6	7.8	0.1	72	0	8.3	7.1	7.7	0.3
Total Dissolved Solids				None	1600	3989	TDS Water Quality Standards	15	0	3730	2160	3191	392	72	0	3560	1160	1271	277
Sulfate				None	None	250	Secondary Drinking	15	0	310	120	153	51	72	0	390	130	347	34
TDS (calc)								15	0	3670	2230	3171	358	72	0	3520	1170	1303	270
TDS ratio								15	0	1.12	0.89	1.01	0.06	72	0	1.14	0.81	0.976	0.05
Temperature								15	0	21.9	15	17.1	2.0	72	0	17.3	9.3	12.2	1.6

* Sample Type = Primary (one sample is represented), = Average (duplicate samples are averaged). ** Constituents reported in mg/l unless otherwise noted.

A symbol "<" before a number indicates that the value is not detected. The number following "<" is the analytical limit of detection based upon the method and the sample matrix.

Analyte concentrations reported below the detection limit are set equal to one half the detection limit for all statistical calculations.

AMERICAN SODA INTERIM STATUS

DATA SUMMARY GROUND WATER WELL 21-4U

JULY 1, 1999 - MARCH 31, 2012

Well ID	21-4U	21-4U	21-4U	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - DECEMBER 31, 2011					
Sample Date	8/22/2011	11/27/2011	2/27/2012	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Primary	Level	Indicator	Regulation	Standard												
Completion Horizon	Uinta	Uinta	Uinta	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Boron, dissolved	2.8	3.1	3.0	None	4.17	0.75	Agricultural	15	0	3.4	2.7	3.119	0.182	81	0	4.3	0.3	2.95	0.377
Calcium, dissolved	6	5	5	None	None	None	None	15	0	8	5	5.5	0.9	81	0	15	2.3	5.7	1.8
Iron, dissolved	0.3	0.3	0.2	None	None	0.3	Secondary Drinking Water	15	1	1.8	0.05	0.868	0.637	81	10	3.4	0.05	0.506	0.485
Lithium, dissolved	0.7	0.7	0.7	None	2.5	2.5	Agricultural	15	0	0.8	0.6	0.746	0.066	81	1	0.9	0.1	0.708	0.093
Magnesium, dissolved	10	9	10	None	None	None	None	15	0	10	7	8.2	0.7	81	1	26	2	8.1	2.4
Potassium, dissolved	10	14	9	None	17.01	None	None	15	0	11	6	9.0	1.3	81	2	17	1.5	8.5	2.1
Silica, dissolved	12	12	12	None	24.63	None	None	15	0	18	12	13.3	1.7	81	1	20	11	12.6	1.6
Sodium, dissolved	5060	5060	4830	None	6265	None	None	15	0	5580	4960	5270.8	203.3	81	0	5580	4540	5077	227
Bicarb as CaCO3	11300	10300	10300	None	None	None	None	15	0	11600	7120	10189	1111	81	0	11700	8800	10775	557
Carbonate as CaCO3	<2	170	390	None	None	None	None	15	14	3120	1	302	848	81	60	1050	1	96	197
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	62	50	81	81	1	-2	1	0
Total Alkalinity	11300	10400	10700	None	13788	None	None	15	0	11600	9620	10426	624	81	0	11700	8800	10869	523
Cation-Anion Balance %	-3.7	-0.2	-3.2	N/A	N/A			15	4	6.8	-3.3	2.2	3.0	81	56	8	-7.9	-1.5	3.3
Sum of Anions meq/L	241	225	228	N/A	N/A			15	0	250	209	223.15	12.93	81	0	250	191	231.52	10.18
Sum of Cations meq/L	224	224	214	N/A	N/A			15	0	247	219	233.15	9.06	81	0	424	201	226.95	24.23
Chloride	480	500	450	None	None	250	Secondary Drinking	15	0	530	430	461	27	81	0	520	380	453	23
Cond @ 25C (umhos/cm)	15800	15300	15600	None	20957	None	None	15	0	17200	13800	15992	798	81	0	17500	8080	15584	1212
Fluoride	23.7	24.4	23.3	None	40.95	2	Agricultural	15	0	31	22	25.4	2.5	81	0	30	20	24.4	1.7
pH (units)	8.4	8.4	8.6	None	None	6.5 - 8.5	Secondary Drinking	15	0	8.5	7.7	8.0	0.3	81	0	8.85	7.8	8.2	0.3
Total Dissolved Solids	12500	12600	12400	None	14305	None	TDS Water Quality	15	0	13200	12300	12654	250	81	0	13000	11900	12524	202
Sulfate	<10	<10	<20	None	None	250	Secondary Drinking	15	13	200	5	32	54	80	65	250	0	13	37
TDS (calc)	12400	11900	11800	N/A	N/A			15	0	13300	11500	12154	590	81	0	13100	10900	12164	395
TDS ratio	1.01	1.06	1.05	N/A	N/A			15	0	1.12	0.94	1.04	0.05	81	0	1.15	0.95	1.030	0.04
Temperature	12	10.9	9.8	None	None			15	0	16.6	9.7	12.4	2.1	81	0	20	8.2	11.6	1.8

* Sample Type = Primary (one sample is represented), = Average (duplicate samples are averaged). ** Constituents reported in mg/l unless otherwise noted.

A symbol "<" before a number indicates that the value is not detected. The number following "<" is the analytical limit of detection based upon the method and the sample matrix.

Analyte concentrations reported below the detection limit are set equal to one half the detection limit for all statistical calculations.

AMERICAN SODA OPERATIONAL PHASE 1

DATA SUMMARY GROUND WATER WELL 21-3U

JULY 1, 1999 - MARCH 31, 2012

Well ID	21-3U	21-3U	21-3U	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - DECEMBER 31, 2011					
Sample Date	9/19/2011	11/28/2011	3/12/2012	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Primary	Level	Indicator	Regulation	Standard												
Completion Horizon	Uinta	Uinta	Uinta	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Boron, dissolved	2.9	1.5	3.1	3.64	None	0.8	Agricultural	15	0	7	2.8	3.25	1.04	81	0	4.1	1.5	2.91	0.29
Calcium, dissolved	5	3	5	None	None	None	None	15	2	15	2	6.7	2.7	81	0	50	1.8	5.9	5.1
Iron, dissolved	0.2	<0.2	<0.2	None	None	0.3	Secondary Drinking Water	15	0	1.2	0.08	0.40	0.270	81	26	0.9	0.03	0.18	0.14
Lithium, dissolved	0.7	0.4	0.8	2.5	None	2.5	Agricultural	15	0	1.4	0.7	0.827	0.174	81	0	0.9	0.4	0.78	0.09
Magnesium, dissolved	12	6	13	None	None	None	None	15	0	20	6	15.60	3.38	81	0	19	6	13.24	2.01
Potassium, dissolved	8	14	14	21.63	None	None	None	15	0	64	13	24.37	13.46	81	2	53	1.5	10.55	5.27
Silica, dissolved	11	5	10	24.61	None	None	None	15	0	83	10	18.23	18.49	81	0	14	5	11.14	1.08
Sodium, dissolved	5910	6000	5620	6961.72	None	None	None	15	0	13100	5530	6356	1873	81	0	7040	4850	5997.5	328.3
Bicarb as CaCO3	13700	12200	13400	None	None	None	None	15	0	22700	9770	12688	2881	81	0	14000	10100	12859	623
Carbonate as CaCO3	<2	<2	<2	None	None	None	None	15	14	6900	1	507	1769	81	79	319	1	6.25	37.14
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	53.80	51.12	81	81	1	1	1.00	0.00
Total Alkalinity	13700	12200	13400	17545.33	None	None	None	15	0	29600	9770	13148	4620	81	0	14000	10100	12864	619
Cation-Anion Balance %	-5.2	0.6	-6.9					15	7	9.7	-3.2	1.53	3.11	80	62	12.5	-10.8	-1.87	3.95
Sum of Anions meq/L	291	262	286					15	0	633	213	282.6	98.3	81	0	345	220	275.66	14.77
Sum of Cations meq/L	262	265	249					15	0	578	245	281.9	82.2	81	0	312	215	265.5	14.6
Chloride	580	590	610	None	None	250	Secondary Drinking Water	15	0	1160	560	629	151	81	0	690	93	567	66
Cond @ 25C (umhos/cm	18400	17800	18600	21645.81	None	None	None	15	0	37500	16800	19700	4955	81	0	20700	1860	18034	2321
Fluoride	21.4	21.5	22.6	60.32	None	2	Agricultural	15	0	38.1	18	23.39	4.83	81	0	43.5	19	22.47	3.581
pH (units)	8.2	8.2	8.4	None	None	6.5 - 8.5	Secondary Drinking Water	15	0	9	7.7	8.02	0.34	81	0	8.6	7.6	8.10	0.25
Total Dissolved Solids	14600	14700	14800	15741	None	None	TDS Water Quality	15	0	34100	14200	15807	5065	81	0	15100	12400	14585	317
Sulfate	<10	<10	<20	None	None	250	Secondary Drinking Water	15	5	300	5	45.0	75.2	81	59	3670	0.5	65.8	416.1
TDS (calc)	14800	14000	14300					15	0	35200	12400	15167	5563	81	0	18100	12100	14415	634
TDS ratio	0.99	1.05	1.03					15	0	1.16	0.97	1.05	0.05	81	0	1.11	0.81	1.01	0.04
Temperature	12.8	11.6	11.7					15	0	19.1	7.9	13.00	3.24	81	0	16.8	7.7	11.96	1.99

* Sample Type = Primary (one sample is represented). = Average (duplicate samples are averaged). ** Constituents reported in mg/l unless otherwise noted.

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Analyte concentrations reported below the detection limit are set equal to one half the detection limit for all statistical calculations.

AMERICAN SODA INTERIM STATUS

DATA SUMMARY GROUND WATER WELL 29-4U

JULY 1, 1999 - MARCH 31, 2012

Well ID	29-4U	29-4U	29-4U	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - DECEMBER 31, 2011					
Sample Date	9/5/2011	12/21/2011	3/13/2012	Protection	Warning	Standard													
Sample Type*	Primary	Average	Primary	Level	Indicator	Regulation	Standard												
Completion Horizon	Uinta	Uinta	Uinta	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Boron, dissolved	0.26	0.25	0.25	None	None	0.75	Agricultural	15	0	0.36	0.29	0.315	0.023	81	0	0.36	0.25	0.27	0.017
Calcium, dissolved	4.6	4.4	4.5	None	None	None	None	15	0	7.7	3.1	4.2	1.0	81	0	5	2.6	3.6	0.6
Iron, dissolved	<0.02	0.02	<0.02	None	None	0.3	Secondary Drinking Water	15	0	0.4	0.03	0.099	0.086	81	17	0.09	0.01	0.030	0.018
Lithium, dissolved	0.06	0.05	0.06	None	None	2.5	Agricultural	15	0	0.13	0.06	0.070	0.018	81	1	0.6	0.05	0.066	0.060
Magnesium, dissolved	10.1	8.8	8.7	None	None	None	None	15	0	8.9	4.3	6.0	1.6	81	0	10.1	4	6.3	1.6
Potassium, dissolved	0.8	0.7	1	None	None	None	None	15	0	6	2	2.7	1.2	81	0	1.9	0.5	1.0	0.3
Silica, dissolved	13.3	13.3	13.3	None	None	None	None	15	0	34.9	15.2	20.5	4.3	81	0	20.5	12.3	16.2	2.0
Sodium, dissolved	285	289	275	None	None	None	None	15	0	1480	409	585.5	257.5	81	0	474	270	346	49
Bicarb as CaCO3	378	380	391	None	None	None	None	15	0	1500	400	644	279	81	0	612	301	448	68
Carbonate as CaCO3	73	75	77	None	None	None	None	15	0	740	110	213	162	81	1	161	1	93	24
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	10	1	5	5	81	81	1	1	1	0
Total Alkalinity	451	455	468	None	None	None	None	15	0	2240	640	857	400	81	0	703	386	541	68
Cation-Anion Balance %	1.5	1.3	-1.9					15	5	6.7	-5.1	1.5	3.1	81	42	15.8	-5.9	0.3	3.3
Sum of Anions meq/L	13.2	13.3	13.6					15	0	62.8	19.9	25.71	10.80	81	0	21.2	13	15.90	2.10
Sum of Cations meq/L	13.6	13.7	13.1					15	0	66.2	18.7	26.57	11.44	81	0	21.6	13	15.97	2.10
Chloride	15	15	16	None	None	250	Secondary Drinking	15	0	510	104	167	103	81	0	121	15	42	28
Cond @ 25C (umhos/cm)	1240	1215	1250	None	None	None	None	15	0	5780	1760	2309	996	81	0	1850	1060	1410	182
Fluoride	7.8	7.7	7.9	None	None	2	Agricultural	15	0	11	6	7.7	1.2	81	0	11	6.3	8.4	0.8
pH (units)	8.8	8.9	9	None	None	6.5 - 8.5	Secondary Drinking	15	0	9.5	8.7	9.1	0.2	81	0	9.3	8.2	9.0	0.2
Total Dissolved Solids	780	780	780	None	None	1826	TDS Water Quality Standards	15	0	3430	1070	1461	575	81	0	1160	750	909	118
Sulfate	159	160	162	None	None	250	Secondary Drinking	15	0	200	150	165	11	81	0	188	145	164	8
TDS (calc)	796	771	769					15	0	3820	1190	1559	650	81	0	1240	771	950	118
TDS ratio	0.98	1.01	1.01					15	0	0.98	0.88	0.94	0.03	81	0	1.09	0.9	0.957	0.04
Temperature	13.9	7.8	12.3					15	0	17.5	10.9	12.8	1.9	81	0	16.9	7.8	11.7	1.8

* Sample Type = Primary (one sample is represented), = Average (duplicate samples are averaged). ** Constituents reported in mg/l unless otherwise noted.

A symbol "<" before a number indicates that the value is not detected. The number following "<" is the analytical limit of detection based upon the method and the sample matrix.

Analyte concentrations reported below the detection limit are set equal to one half the detection limit for all statistical calculations.

AMERICAN SODA INTERIM STATUS

DATA SUMMARY GROUND WATER WELL 20-5

JULY 1, 1999 - MARCH 31, 2012

Well ID	20-5	20-5	20-5	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - DECEMBER 31, 2011					
Sample Date	9/18/2011	12/7/2011	3/25/2012	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Primary	Level	Indicator	Regulation	Standard												
Completion Horizon	Uinta	Uinta	Uinta	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Boron, dissolved	0.46	0.44	0.44	None	0.75	0.75	Agricultural	15	0	0.49	0.28	0.413	0.059	81	0	0.61	0.2	0.45	0.056
Calcium, dissolved	10.6	11	10.1	None	None	None	None	15	0	40	13.8	18.6	7.6	81	0	17	8	11.6	1.9
Iron, dissolved	0.12	<0.1	0.09	None	None	0.3	Secondary Drinking Water	15	6	0.28	0.01	0.080	0.090	81	27	1.7	0.01	0.117	0.221
Lithium, dissolved	0.13	<0.1	0.11	None	2.5	2.5	Agricultural	15	1	0.2	0.05	0.134	0.036	81	5	0.2	0.02	0.136	0.033
Magnesium, dissolved	29.3	28	26.6	None	None	None	None	15	0	73	33.9	41.5	10.8	81	0	42	22.9	31.1	4.3
Potassium, dissolved	2.3	<2	1.9	None	3.32	None	None	15	1	2.1	1	1.9	0.3	81	9	3.5	1	1.8	0.5
Silica, dissolved	18.2	16	17.1	None	27.97	None	None	15	0	28	11.9	15.5	4.2	81	0	18.5	6.7	14.9	2.4
Sodium, dissolved	1360	1390	1320	None	2534	None	None	15	0	1640	831	1396.4	212.5	81	0	1790	844	1473	146
Bicarb as CaCO3	3390	3160	3170	None	None	None	None	15	0	3790	2020	3212	492	81	0	4320	1846	3415	399
Carbonate as CaCO3	<2	<2	<2	None	None	None	None	15	13	400	1	45	110	81	72	398	1	17	64
Hydroxide as CaCO3	<2	<2	<20	None	None	None	None	15	15	100	1	12	25	81	81	1	-2	1	0
Total Alkalinity	3390	3160	3170	None	5746	None	None	15	0	3790	2020	3250	479	81	0	4320	1846	3431	389
Cation-Anion Balance %	-6.7	-2.9	-5.7					15	13	4.1	-7.4	-3.0	3.1	81	65	6.3	-18.8	-3.7	4.8
Sum of Anions meq/L	72	67.8	68.1					15	0	80.7	47	69.96	9.10	81	0	94.5	41.15	73.37	8.31
Sum of Cations meq/L	62.9	64	60.8					15	0	76.2	44.6	65.88	8.34	81	0	82.5	40.55	68.04	6.65
Chloride	122	125	129	None	None	250	Secondary Drinking	15	0	165	83	127	23	81	0	154	42	127	14
Cond @ 25C (umhos/cm)	5210	4870	4960	None	8444	None	None	15	0	6190	4150	5695	530	81	0	6630	2590	5440	677
Fluoride	9	8.5	8.7	None	17.3	2	Agricultural	15	0	11	5.3	8.4	1.4	81	0	11.2	0.2	9.1	1.2
pH (units)	8.5	8.4	8.3	None	None	6.5 - 8.5	Secondary Drinking	15	0	8.4	7.6	7.8	0.2	81	0	9.3	7.6	8.2	0.3
Total Dissolved Solids	3580	3470	3440	None	5878	4598	TDS Water Quality Standards	15	0	4110	2510	3678	431	81	0	4300	3450	3802	233
Sulfate	16	30	30	None	None	250	Secondary Drinking	15	0	190	10	45	51	81	11	110	0.5	27	18
TDS (calc)	3600	3500	3450					15	0	4150	2470	3624	443	81	0	4620	2165.5	3768	360
TDS ratio	0.99	0.99	1					15	0	1.09	0.95	1.02	0.04	81	0	3.84	0.85	1.040	0.32
Temperature	15.3	10.2	15.2					15	0	17.9	9.3	13.2	2.1	81	0	21.5	8	12.8	2.6

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A symbol "<" before a number indicates that the value is not detected. The number following "<" is the analytical limit of detection based upon the method and the sample matrix.

Analyte concentrations reported below the detection limit are set equal to one half the detection limit for all statistical calculations.

AMERICAN SODA INTERIM STATUS

DATA SUMMARY GROUND WATER WELL 20-10

JULY 1, 1999 - MARCH 31, 2012

Well ID	20-10	20-10	20-10	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - DECEMBER 31, 2011					
Sample Date	9/6/2011	12/11/2011	3/7/2012	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Primary	Level	Indicator	Regulation	Standard												
Completion Horizon	Uinta	Uinta	Uinta	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Boron, dissolved	0.2	0.19	0.2	None	None	0.75	Agricultural	15	0	0.22	0.18	0.203	0.011	81	0	0.22	0.18	0.19	0.009
Calcium, dissolved	9.9	9.3	8.5	None	None	None	None	15	0	17.3	5	10.9	4.4	81	0	15	5.5	10.9	2.4
Iron, dissolved	<0.02	<0.02	<0.02	None	None	0.3	Secondary Drinking Water	15	1	0.23	0.005	0.048	0.057	81	59	0.15	0.005	0.015	0.022
Lithium, dissolved	0.07	0.07	0.07	None	None	2.5	Agricultural	15	2	0.09	0.05	0.073	0.012	81	1	0.13	0.06	0.079	0.009
Magnesium, dissolved	25.6	22.5	21	None	None	None	None	15	0	37.8	17	26.7	7.3	81	0	33.7	16.3	25.5	4.2
Potassium, dissolved	1.5	1.1	0.9	None	None	None	None	15	2	1.6	0.6	1.2	0.3	81	1	6	0.15	1.1	0.6
Silica, dissolved	16.8	17.1	16.8	None	None	None	None	15	0	20.1	17.1	18.7	0.8	81	0	21.7	16	18.7	1.4
Sodium, dissolved	301	299	292	None	None	None	None	15	0	694	303	510.3	131.6	81	0	631	3.5	371	93
Bicarb as CaCO3	492	537	487	None	None	None	None	15	0	1230	588	845	230	81	0	1180	476	643	139
Carbonate as CaCO3	72	61	70	None	None	None	None	15	3	390	1	98	96	81	6	125	1	55	27
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	10	1	4	4	81	81	1	1	1	0
Total Alkalinity	564	598	557	None	None	None	None	15	0	1315	611	942	278	81	0	1280	358	694	156
Cation-Anion Balance %	-0.3	-3.1	-2.6					15	4	16.3	-20.9	2.8	9.0	81	44	10.9	-10.2	0.4	4.0
Sum of Anions meq/L	16	16.5	15.8					14	0	31.5	17.4	24.49	5.05	81	0	28.8	15.4	18.97	2.81
Sum of Cations meq/L	15.9	15.5	15					14	0	32.2	16.3	25.85	4.95	81	0	29.6	15.1	19.21	3.48
Chloride	38	41	39	None	None	250	Secondary Drinking	14	0	180	33	89	42	81	0	141	24	56	22
Cond @ 25C (umhos/cm)	1420	1410	1360	None	None	None	None	15	0	2650	1380	2045	444	81	0	2560	1280	1620	239
Fluoride	7	6.8	6.7	None	None	2	Agricultural	14	0	10	5.8	8.6	1.1	81	0	10.9	6.5	7.7	1.0
pH (units)	8.7	8.7	8.7	None	None	6.5 - 8.5	Secondary Drinking	15	0	8.9	8.2	8.5	0.2	81	0	8.9	7.8	8.6	0.2
Total Dissolved Solids	910	860	880	None	None	1691	TDS Water Quality Standards	15	0	1780	950	1353	259	81	0	1610	860	1056	182
Sulfate	155	144	151	None	None	250	Secondary Drinking	15	0	190	10	112	58	81	0	330	20	144	48
TDS (calc)	925	900	870					15	0	1770	959	1379	267	81	0	1560	893	1082	156
TDS ratio	0.98	0.96	1.01					14	0	1.12	0.73	0.99	0.10	81	0	1.1	0.84	0.973	0.05
Temperature	12	10.7	11.2					15	0	16.7	10.3	13.3	2.1	80	0	16.9	6.3	11.8	1.7

* Sample Type = Primary (one sample is represented), = Average (duplicate samples are averaged). ** Constituents reported in mg/l unless otherwise noted.

A symbol "<" before a number indicates that the value is not detected. The number following "<" is the analytical limit of detection based upon the method and the sample matrix.

Analyte concentrations reported below the detection limit are set equal to one half the detection limit for all statistical calculations.

AMERICAN SODA INTERIM STATUS

DATA SUMMARY GROUND WATER WELL 21-3A

JULY 1, 1999 - MARCH 31, 2012

Well ID	21-3A	21-3A	21-3A	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - DECEMBER 31, 2011					
Sample Date	9/19/2011	11/28/2011	3/12/2012	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Primary	Level	Indicator	Regulation	Standard												
Completion Horizon	A Groove	A Groove	A Groove	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Boron, dissolved	4.8	4.9	5.1	5.68	None	0.75	Agricultural	15	0	5.8	3.7	4.333	0.455	81	0	5.9	2.76	4.54	0.473
Calcium, dissolved	10	10	10	None	None	None	None	15	1	16	2	4.3	3.4	81	0	19	2	6.6	3.5
Iron, dissolved	1.1	0.9	1.1	None	None	0.3	Secondary Drinking Water	15	0	1.5	0.1	0.361	0.345	81	3	1.8	0.0015	0.715	0.437
Lithium, dissolved	1	1.1	1	2.5	None	2.5	Agricultural	15	0	1.5	1	1.253	0.164	81	0	1.4	0.6	1.043	0.135
Magnesium, dissolved	12	13	13	None	None	None	None	15	0	8	3	5.0	1.7	81	3	18	1	8.5	4.5
Potassium, dissolved	13	15	22	36.22	None	None	None	15	0	35	18	25.3	4.2	81	2	52	1.5	19.0	6.0
Silica, dissolved	30	28	28	150.5	None	None	None	15	0	106	25	73.6	24.5	81	0	117	27	58.9	28.8
Sodium, dissolved	7710	7430	7400	8894.27	None	None	None	15	0	14100	7000	7933.3	1726.6	81	0	9240	5800	7809	582
Bicarb as CaCO3	18400	16600	18100	None	None	None	None	15	0	30200	2830	9291	6623	81	3	19600	1	11427	6245
Carbonate as CaCO3	<2	<2	<2	None	None	None	None	15	2	10900	100	6599	3188	81	25	14500	1	5011	4921
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	54	51	81	78	2310	1	48	279
Total Alkalinity	18400	16600	18100	20689.35	None	None	None	15	0	30200	13800	15870	4039	81	0	19600	9430	16463	1700
Cation-Anion Balance %	-6.3	-3.4	-7.7					15	6	6.2	-3.4	0.9	3.1	81	55	20.4	-11.6	-1.4	5.0
Sum of Anions meq/L	387	352	383					14	0	637	304	346.21	85.00	81	0	459	211	355.84	33.06
Sum of Cations meq/L	341	329	328					14	0	622	309	351.50	78.82	81	0	409	256	345.20	25.98
Chloride	630	660	650	None	None	250	Secondary Drinking	15	0	1090	630	718	113	81	0	3350	510	694	302
Cond @ 25C (umhos/cm)	23400	22700	23300	27063.04	None	None	None	15	0	36000	2280	20845	8303	81	0	37300	10800	23181	2451
Fluoride	29	29	30.4	42.49	None	2	Agricultural	15	0	56	1.4	28.2	11.8	81	0	33.8	2.8	28.0	3.7
pH (units)	8.2	8.3	8.4	None	None	6.5 - 8.5	Secondary Drinking	15	0	9.7	7.9	9.3	0.5	81	0	10	8.1	9.1	0.7
Total Dissolved Solids	19600	19600	19500	20822	None	None	TDS Water Quality Standards	15	0	34700	5150	18800	5614	81	0	21100	18000	19233	779
Sulfate	<20	<10	50	None	None	250	Secondary Drinking	15	1	410	5	282	120	81	11	3625	0.5	266	426
TDS (calc)	19500	18200	19100					15	0	33400	18800	21240	3452	81	0	24450	17600	20791	1575
TDS ratio	1.01	1.08	1.02					14	0	1.04	0.25	0.88	0.19	81	0	1.09	0.77	0.932	0.09
Temperature	14.3	11.7	11.6					15	0	20.1	8	13.0	3.3	81	0	18.2	8.1	12.0	2.1

* Sample Type = Primary (one sample is represented), = Average (duplicate samples are averaged). ** Constituents reported in mg/l unless otherwise noted.

A symbol "<" before a number indicates that the value is not detected. The number following "<" is the analytical limit of detection based upon the method and the sample matrix.

Analyte concentrations reported below the detection limit are set equal to one half the detection limit for all statistical calculations.

AMERICAN SODA INTERIM STATUS

DATA SUMMARY GROUND WATER WELL 21-4A

JULY 1, 1999 - MARCH 31, 2012

Well ID	21-4A	21-4A	21-4A	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - DECEMBER 31, 2011					
Sample Date	8/22/2011	11/27/2011	2/27/2012	Protection	Warning	Standard													
Sample Type*	Average	Primary	Primary	Level	Indicator	Regulation	Standard												
Completion Horizon	A Groove	A Groove	A Groove	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Boron, dissolved	4.5	5.2	4.7	None	5.35	0.75	Agricultural	15	0	4.8	4.3	4.58	0.152	81	0	5.2	0.3	4.52	0.568
Calcium, dissolved	8	6	6	None	None	None	None	15	1	11	5	7.5	1.6	81	1	744	1	15.2	82.0
Iron, dissolved	0.5	0.4	0.40	None	None	0.3	Secondary Drinking Water	15	0	3.3	0.7	1.657	0.550	81	5	1.85	0.07	0.743	0.470
Lithium, dissolved	1	1.1	1	None	2.5	2.5	Agricultural	15	0	1.2	1	1.053	0.074	81	1	1.3	0.1	1.02	0.138
Magnesium, dissolved	6	4	6	None	None	None	None	15	1	20	5	7.3	3.7	81	6	13	1	4.8	1.6
Potassium, dissolved	16	15	15	None	27.62	None	None	15	1	24	10	15.1	3.1	81	2	22	1.5	14.0	3.1
Silica, dissolved	17	18	17	None	33.84	None	None	15	0	25	17	19.5	2.1	81	0	27	8.6	17.5	2.0
Sodium, dissolved	7650	7880	7400	None	9570	None	None	15	0	8410	7360	7844.7	280.2	81	0	8980	7060	7782	377
Bicarb as CaCO3	18000	15600	15800	None	None	None	None	15	0	19300	11700	16183	1626	81	0	18800	12500	16783	1013
Carbonate as CaCO3	12	414	767	None	None	None	None	15	14	4290	1	340	1094	81	54	1820	1	188	341
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	54	51	81	81	1	1	1	0
Total Alkalinity	18000	16000	16600	None	23942	None	None	15	0	19300	15100	16470	1059	81	0	18800	12500	16969	934
Cation-Anion Balance %	-5.8	1.2	-3.4					15	9	4.4	-8.1	-0.8	3.6	81	62	8.8	-8.7	-2.1	3.5
Sum of Anions meq/L	380	340	350					14	0	407	323	354.57	21.72	81	0	397	271	359.19	19.12
Sum of Cations meq/L	338	348	327					14	0	370	313	343.50	14.91	81	0	396	312	343.98	16.92
Chloride	650	660	600	None	None	250	Secondary Drinking	15	0	1965	600	721	345	81	0	1020	520	645	68
Cond @ 25C (umhos/cm)	23100	21600	22400	None	28651	None	None	15	0	23600	2220	21448	5436	81	0	24900	2330	22255	3520
Fluoride	30.9	30.7	29.9	None	41.34	2	Agricultural	15	0	34	27	29.9	1.9	81	0	36.1	24	31.4	2.0
pH (units)	8.4	8.4	8.6	None	None	6.5 - 8.5	Secondary Drinking	15	0	8.3	7.6	8.0	0.2	81	0	8.7	7.75	8.3	0.2
Total Dissolved Solids	19100	18900	19000	None	22366	None	TDS Water Quality Standards	15	0	24600	17300	19373	1539	81	0	20900	18200	19065	398
Sulfate	<10	<10	<20	None	None	250	Secondary Drinking	15	9	50	5	21	19	81	43	150	0.5	16	24
TDS (calc)	19200	18200	18000					15	0	20300	17600	18680	893	81	0	20100	15600	18775	740
TDS ratio	0.99	1.04	1.06					14	0	1.23	0.93	1.04	0.07	81	0	1.29	0.94	1.017	0.05
Temperature	15.9	11.5	9.1					15	0	17.4	10.4	12.7	2.1	81	0	19	8.5	12.4	2.4

* Sample Type = Primary (one sample is represented). = Average (duplicate samples are averaged). ** Constituents reported in mg/l unless otherwise noted.

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Analyte concentrations reported below the detection limit are set equal to one half the detection limit for all statistical calculations.

AMERICAN SODA INTERIM STATUS

DATA SUMMARY GROUND WATER WELL 29-4A

JULY 1, 1999 - MARCH 31, 2012

Well ID	29-4A	29-4A	29-4A	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - DECEMBER 31, 2011					
Sample Date	9/5/2011	12/21/2011	12/21/2011	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Average	Level	Indicator	Regulation	Standard												
Completion Horizon	A Groove	A Groove	A Groove	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Boron, dissolved	0.62	0.66	0.64	None	None	0.75	Agricultural	15	0	5.5	0.88	1.867	1.101	81	0	0.96	0.46	0.70	0.090
Calcium, dissolved	4.6	4.9	4.6	None	None	None	None	15	0	14	4.8	7.1	2.3	81	0	7.3	3.7	5.4	0.6
Iron, dissolved	0.06	0.07	<0.04	None	None	0.3	Secondary Drinking Water	15	6	1.9	0.025	0.232	0.470	81	18	1.95	0.01	0.118	0.274
Lithium, dissolved	0.05	0.05	0.06	None	None	2.5	Agricultural	15	3	1.2	0.05	0.297	0.280	81	12	0.12	0.05	0.074	0.018
Magnesium, dissolved	3.5	3.4	3.5	None	None	None	None	15	0	12	4	8.3	2.5	81	0	5	2.5	3.9	0.4
Potassium, dissolved	<0.6	2	1.5	None	None	None	None	15	1	44	1.5	9.5	10.3	81	3	4	0.3	2.0	0.6
Silica, dissolved	12.7	14.2	13.9	None	None	None	None	15	0	63	22	31.0	9.7	81	0	22	10.7	14.9	1.8
Sodium, dissolved	979	1090	1040	None	None	None	None	15	0	15700	1880	5052.0	3301.4	81	0	1970	970	1346	213
Bicarb as CaCO3	1960	2185	1930	None	None	None	None	15	0	24900	2850	7404	5197	81	0	3560	1660	2622	446
Carbonate as CaCO3	192	174	219	None	None	None	None	15	3	700	10	277	237	81	19	733	1	125	120
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	30	44	81	81	1	1	1	0.0
Total Alkalinity	2150	2360	2140	None	None	None	None	15	0	25600	2930	7667	5317	81	0	3750	1930	2746	413
Cation-Anion Balance %	-5.6	-4.5	-3.4					15	5	9.9	-11.9	1.7	5.6	81	59	8.4	-24.5	-3.9	5.9
Sum of Anions meq/L	48.8	53.05	49.6					14	0	291	83.6	183.42	59.90	81	0	92.5	43.9	65.06	10.52
Sum of Cations meq/L	43.6	48.5	46.3					14	0	344	83.4	189.89	68.42	81	0	87.5	43.2	59.90	9.43
Chloride	180	185	210	None	None	250	Secondary Drinking	14	0	3280	640	1939	779	81	0	820	51	335	132
Cond @ 25C (umhos/cm)	4290	4630	4140	None	None	None	None	15	0	37100	6130	15891	7687	81	0	8080	2725	5271	990
Fluoride	13.5	13.4	14.5	None	None	2	Agricultural	14	0	22.6	8	16.0	3.1	81	0	19.4	11.6	14.4	1.4
pH (units)	8.7	8.6	8.8	None	None	6.5 - 8.5	Secondary Drinking	15	0	8.6	7.3	8.3	0.3	81	0	8.9	7.7	8.5	0.2
Total Dissolved Solids	2480	2535	2680	None	None	None	TDS Water Quality Standards	15	0	40000	4600	13058	8460	81	0	4885	1380	3377	600
Sulfate	<10	<1	<5	None	None	250	Secondary Drinking	15	2	300	5	49	71	81	54	30	0.5	8	7
TDS (calc)	2560	2725	2570					15	0	36000	5020	11961	7435	81	0	4920	2430	3407	518
TDS ratio	0.97	0.93	1.04					14	0	1.265	0.87	1.07	0.10	81	0	1.27	0.43	0.988	0.10
Temperature	16.1	8.8	14.7					15	0	17.4	9.6	12.6	2.1	81	0	17.7	7.2	12.3	2.1

* Sample Type = Primary (one sample is represented), = Average (duplicate samples are averaged). ** Constituents reported in mg/l unless otherwise noted.

A symbol "<" before a number indicates that the value is not detected. The number following "<" is the analytical limit of detection based upon the method and the sample matrix.

Analyte concentrations reported below the detection limit are set equal to one half the detection limit for all statistical calculation.

AMERICAN SODA INTERIM STATUS

DATA SUMMARY GROUND WATER WELL 29-3

JULY 1, 1999 - MARCH 31, 2012

Well ID	29-3	29-3	29-3	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - DECEMBER 31, 2011					
Sample Date	8/23/2011	12/11/2011	12/11/2011	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Primary	Level	Indicator	Regulation	Standard												
Completion Horizon	A Groove	A Groove	A Groove	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Boron, dissolved	4.7	4.7	4.7	None	5.35	0.75	Agricultural	15	0	4.85	4.4	4.667	0.141	81	0	5.1	0.2	4.437	0.616
Calcium, dissolved	7	4	5	None	None	None	None	15	1	20	3	8.4	4.7	81	1	12	1.9	5.9	1.8
Iron, dissolved	<0.2	<0.2	<0.2	None	None	0.3	Secondary Drinking Water	15	2	1.8	0.1	0.667	0.575	81	51	4.6	0.01	0.274	0.603
Lithium, dissolved	1	1	1	None	2.5	2.5	Agricultural	15	0	1.2	1	1.060	0.071	81	2	1.4	0.1	1.068	0.174
Magnesium, dissolved	3	2	6	None	None	None	None	15	3	6	2	4.7	1.4	81	11	26	1	4.4	2.8
Potassium, dissolved	8	20	16	None	28.95	None	None	15	1	19	10	14.1	2.4	81	2	33	1.5	14.5	3.9
Silica, dissolved	16	16	15	None	37.63	None	None	15	0	38	14.5	20.5	5.7	81	0	20	7.3	15.7	1.6
Sodium, dissolved	8050	8220	7820	None	10096	None	None	15	0	8825	7675	8236.0	277.5	81	0	10500	7470	8251.0	456.2
Bicarb as CaCO3	18300	18400	17500	None	None	None	None	15	0	18700	12900	16793	1318	81	0	19200	12400	17696	1054
Carbonate as CaCO3	435	978	684	None	None	None	None	15	13	3900	1	372	999	81	49	1440	1	306	453
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	54	51	81	81	1	1	1	0
Total Alkalinity	18700	19400	18200	None	21794	None	None	15	0	18700	15900	17113	722	81	0	19400	13300	18002	944
Cation-Anion Balance %	-5.3	-6	-5.3					15	6	3.6	-82.5	-4.8	21.6	81	67	10.2	-22	-2.5	4.3
Sum of Anions meq/L	395	409	384					15	0	395	339	363.33	14.13	81	0	554	301	383.31	26.48
Sum of Cations meq/L	355	363	345					15	0	388.5	338.5	363.53	12.16	81	0	463	330	364.12	20.06
Chloride	680	710	680	None	None	250	Secondary Drinking	15	0	760	369	665	87	81	0	750	560	672	35
Cond @ 25C (umhos/cm)	24500	23700	22600	None	28503	None	None	15	0	24750	2330	22232	5829	81	0	26700	2345	23204	4519
Fluoride	31	30	30.8	None	43.82	2	Agricultural	15	0	36	29.5	32.3	1.6	81	0	38.7	17.05	32.0	3.0
pH (units)	8.4	8.5	8.6	None	None	6.5 - 8.5	Secondary Drinking	15	0	8.7	7.8	8.0	0.2	81	0	8.7	6.1	8.2	0.4
Total Dissolved Solids	19700	20000	20500	None	21373	25259	TDS Water Quality Standards	15	0	20600	19900	20207	208	81	0	21100	18400	20162	416
Sulfate	<10	<10	<10	None	None	250	Secondary Drinking	15	13	50	5	20	20	81	57	690	0.5	39	117
TDS (calc)	20200	20600	19500					15	0	20800	12000	18870	2004	81	0	26200	17800	20015	1011
TDS ratio	0.98	0.97	1.05					15	0	1.08	0.17	0.99	0.23	81	0	1.9	0.76	1.021	0.11
Temperature	15.8	8.5	9.1					15	0	16.8	8	11.9	2.3	81	0	16	7.3	11.2	1.6

* Sample Type = Primary (one sample is represented), = Average (duplicate samples are averaged). ** Constituents reported in mg/l unless otherwise noted.

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Analyte concentrations reported below the detection limit are set equal to one half the detection limit for all statistical calculations.

AMERICAN SODA INTERIM STATUS

DATA SUMMARY GROUND WATER WELL 19-2

JULY 1, 1999 - MARCH 31, 2012

Well ID	19-2	19-2	19-2	Numeric	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - DECEMBER 31, 2011					
Sample Date	8/22/2011	12/12/2011	3/8/2012	Protection	Standard													
Sample Type*	Primary	Primary	Primary	Level	Regulation	Standard												
Completion Horizon	Above A Groove	Above A Groove	Above A Groove	(NPL)	Number 41	Classification												
Parameter (mg/l)**							TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Boron, dissolved	0.24	0.26	0.27	None	0.75	Agricultural	15	0	0.31	0.23	0.284	0.022	81	1	0.5	0.19	0.29	0.037
Calcium, dissolved	23.6	33.6	44.9	None	None	None	15	0	123.5	35.1	93.1	25.9	81	0	149	9.4	71.2	35.7
Iron, dissolved	0.14	0.19	0.12	None	0.3	Secondary Drinking Water	15	0	11.2	2.41	7.218	2.810	81	3	11.8	0.01	2.519	2.774
Lithium, dissolved	0.07	0.07	0.08	None	2.5	Agricultural	15	0	0.115	0.07	0.099	0.015	81	4	0.5	0.05	0.096	0.050
Magnesium, dissolved	8.3	11.5	14	None	None	None	15	0	26.4	10.6	21.7	4.2	81	1	42.4	3	19.9	8.2
Potassium, dissolved	1.4	2	2.1	None	None	None	15	0	3.7	1.2	2.9	0.7	81	3	5.6	0.6	2.4	0.9
Silica, dissolved	21.4	24.3	25	None	None	None	15	0	30.4	19.4	26.0	3.3	81	0	34.9	15	25.5	4.5
Sodium, dissolved	346	400	405	None	None	None	15	0	775	389	632.7	101.4	81	0	825	289	544	134
Bicarb as CaCO3	594	770	818	None	None	None	15	0	1170	668	1014	123	81	0	1380	448	938	219
Carbonate as CaCO3	45	44	5	None	None	None	15	15	10	1	3	4	81	57	90	1	16	27
Hydroxide as CaCO3	<2	<2	<2	None	None	None	15	15	10	1	3	4	81	81	1	1	1	0
Total Alkalinity	639	814	823	None	None	None	15	0	1170	668	1014	123	81	0	1380	534	954	197
Cation-Anion Balance %	0.3	-3.6	-2.7				15	12	17.8	-11.7	-0.9	7.6	81	56	11.6	-17.2	-1.6	4.8
Sum of Anions meq/L	17.1	21.8	22.5				15	0	41.9	14.1	35.91	7.41	81	0	47.3	13.7	30.39	8.33
Sum of Cations meq/L	17.2	20.3	21.3				15	0	41.4	20.2	34.87	6.02	81	0	45.6	13.6	29.38	8.34
Chloride	130	180	200	None	250	Secondary Drinking	14	0	750	210	573	133	81	0	750	76	388	182
Cond @ 25C (umhos/cm)	1660	1890	1920	None	None	None	15	0	3930	1410	3372	674	81	0	4190	1300	2812	796
Fluoride	12.3	9.3	8.2	None	2	Agricultural	14	0	16	10.3	12.0	1.6	81	0	18.2	5	10.6	2.7
pH (units)	8.5	8.5	8.2	None	6.5 - 8.5	Secondary Drinking	15	0	8.1	6.4	6.8	0.4	81	0	8.9	6.5	7.8	0.7
Total Dissolved Solids	950	1110	1220	None	2466	TDS Water Quality Standards	15	0	2380	1000	1973	375	81	0	2380	750	1637	472
Sulfate	<1	<1	<1	None	250	Secondary Drinking	15	15	5	5	5	0	81	74	30	0.5	5	5
TDS (calc)	946	1150	1190				15	0	2300	890	1944	371	81	0	2480	766	1641	447
TDS ratio	1	0.97	1.03				15	0	1.12	0.9	1.02	0.06	81	0	1.24	0.85	0.995	0.06
Temperature	16.1	9	10.8				15	0	15.3	10.1	12.8	1.7	81	0	18.3	7.7	12.1	2.4

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Analyte concentrations reported below the detection limit are set equal to one half the detection limit for all statistical calculations.

AMERICAN SODA INTERIM STATUS

DATA SUMMARY GROUND WATER WELL 21-3B

JULY 1, 1999 - MARCH 31, 2012

Well ID	21-3B	21-3B	21-3B	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - DECEMBER 31, 2011					
Sample Date	9/19/2011	11/28/2011	3/12/2012	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Primary	Level	Indicator	Regulation	Standard												
Completion Horizon	B Groove	B Groove	B Groove	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Boron, dissolved	6	6.3	6.3	7.22	None	0.75	Agricultural	15	0	6.5	4.6	6.091	0.453	80	0	6.7	0.3	5.93	0.752
Calcium, dissolved	8	8	7	None	None	None	None	15	0	16	6	8.8	2.6	80	1	216	2.9	12.4	25.4
Iron, dissolved	0.5	0.9	0.6	None	None	0.3	Secondary Drinking Water	15	0	3.1	0.4	0.991	0.693	80	2	3.3	0.2	0.815	0.526
Lithium, dissolved	1.3	1.5	1.4	2.5	None	2.5	Agricultural	15	0	1.7	1.2	1.483	0.128	80	1	2	0.2	1.444	0.254
Magnesium, dissolved	<4	<4	<4	None	None	None	None	15	0	13	5	9.6	1.7	80	17	57	2	9.3	6.7
Potassium, dissolved	25	29	42	44.16	None	None	None	15	0	32	21	27.5	2.8	80	0	86	6	27.9	8.3
Silica, dissolved	32	30	28	81.21	None	None	None	15	0	58	37	48.4	6.8	80	0	67	11	42.8	9.4
Sodium, dissolved	13600	13300	12900	16103.97	None	None	None	15	0	14300	7830	13315.3	1559.8	80	0	16100	321	13759	1675
Bicarb as CaCO3	32700	29300	32800	None	None	None	None	15	0	30400	13500	27053	3932	80	0	32700	20500	30206	1644
Carbonate as CaCO3	<2	<2	<2	None	None	None	None	15	11	2980	1	489	863	80	66	4190	1	158	535
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	54	51	80	80	1	1	1	0
Total Alkalinity	32700	29300	32800	34488	None	None	None	15	0	30400	16500	27513	3195	80	0	32700	28200	30489	1022
Cation-Anion Balance %	-6.5	-2.7	-9.7					15	8	4	-2.6	0.4	1.9	80	61	5.7	-91.3	-3.5	10.4
Sum of Anions meq/L	684	619	691					14	0	642	353	583.93	69.39	80	0	769	597	644.62	24.61
Sum of Cations meq/L	600	587	569					14	0	631	346	587.57	71.35	80	0	710	29.9	607.64	72.34
Chloride	1000	1100	1160	None	None	250	Secondary Drinking	15	0	1260	630	1111	145	80	0	1350	2	1095	168
Cond @ 25C (umhos/cm)	38000	36100	37700	41968.72	None	None	None	15	0	38000	3740	33213	9368	80	0	44900	10800	36444	4280
Fluoride	40.4	40.5	42.4	62.6	None	2	Agricultural	15	0	82	30	45.7	14.9	80	0	48.1	8.7	39.2	6.2
pH (units)	8.2	8.3	8.5	None	None	6.5 - 8.5	Secondary Drinking	15	0	8.8	7.9	8.2	0.3	80	0	8.6	7.4	8.2	0.2
Total Dissolved Solids	34000	34300	34200	36705	None	None	TDS Water Quality Standards	15	0	34300	19100	32683	3787	80	0	35300	31600	34018	650
Sulfate	<20	<20	<20	None	None	250	Secondary Drinking	15	4	190	50	85	36	80	22	4630	0.5	108	513
TDS (calc)	34300	32100	33900					15	0	33400	19800	31320	3253	80	0	39600	20500	33447	1859
TDS ratio	0.99	1.07	1.01					14	0	1.11	0.96	1.04	0.04	80	0	1.68	0.86	1.022	0.08
Temperature	17.1	11.6	12.6					15	0	18	8.4	12.6	2.7	80	0	17.7	5.9	11.8	2.4

* Sample Type = Primary (one sample is represented), = Average (duplicate samples are averaged). ** Constituents reported in mg/l unless otherwise noted.

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Analyte concentrations reported below the detection limit are set equal to one half the detection limit for all statistical calculations.

AMERICAN SODA INTERIM STATUS
DATA SUMMARY GROUND WATER WELL 21-4B
JULY 1, 1999 - MARCH 31, 2012

Well ID	21-4B	21-4B	21-4B	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - DECEMBER 31, 2011					
Sample Date	8/22/2011	11/27/2011	2/27/2012	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Average	Level	Indicator	Regulation	Standard												
Completion Horizon	B Groove	B Groove	B Groove	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Boron, dissolved	6.4	6.8	6.6	None	8.27	0.75	Agricultural	15	0	7.4	0.21	6.177	1.944	81	0	10.9	0.3	6.59	1.003
Calcium, dissolved	11	10	10	None	None	None	None	15	9	7	1	3.4	2.1	81	2	629	2	24.2	83.8
Iron, dissolved	0.7	0.7	0.6	None	None	0.3	Secondary Drinking Water	15	3	1.9	0.06	0.481	0.485	81	6	4.3	0.1	0.638	0.545
Lithium, dissolved	1.6	1.6	1.6	None	3.32	2.5	Agricultural	15	0	2.1	0.1	1.407	0.483	81	1	2.8	0.2	1.610	0.284
Magnesium, dissolved	11	7	12	None	None	None	None	15	7	17	0.5	6.0	4.5	81	3	30	2	13.2	4.6
Potassium, dissolved	32	31	29	None	58.58	None	None	15	0	52	11	33.0	9.0	81	2	49	3	28.5	6.5
Silica, dissolved	45	41	42	None	89.21	None	None	15	0	165	13	76.5	34.3	81	0	80	17	46.6	7.9
Sodium, dissolved	13900	13400	13300	None	16766	None	None	15	0	14700	1340	12416.0	3739.8	81	0	17500	12100	14068	807
Bicarb as CaCO3	31200	28100	26900	None	None	None	None	15	1	27700	10	21167	7342	81	0	35800	24700	29500	1705
Carbonate as CaCO3	1250	1390	339	None	None	None	None	15	1	10300	100	4219	3009	81	18	4000	1	1239	974
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	14	2000	1	180	506	81	81	1	1	1	0
Total Alkalinity	32500	29500	30200	None	37526	None	None	15	0	31000	2360	25537	7663	81	0	36200	18900	30619	1861
Cation-Anion Balance %	-5.2	-2.1	-3.8					15	7	3.9	-4.7	0.0	3.0	81	55	8.8	-9.9	-2.0	3.6
Sum of Anions meq/L	681	617	633					14	0	653	64	544.57	165.17	81	0	756	577	647.69	29.05
Sum of Cations meq/L	914	592	587					14	0	648	59.5	546.54	170.80	81	0	6010	535	696.26	600.73
Chloride	1060	900	1000	None	None	250	Secondary Drinking Water	15	0	1210	530	991	190	81	0	1160	790	993	62
Cond @ 25C (umhos/cm)	38300	35900	36500	None	46948	None	None	15	0	38900	10400	33547	8067	81	0	40600	2238.5	35505	6159
Fluoride	37.9	37.4	36.9	None	47.22	2	Agricultural	15	0	40	9	33.5	8.2	81	0	43.9	7.1	37.1	4.4
pH (units)	8.4	8.5	8.5	None	None	6.5 - 8.5	Secondary Drinking Water	15	0	12.2	8.1	8.9	0.9	81	0	8.7	7.7	8.4	0.2
Total Dissolved Solids	36300	35100	34550	None	37344	None	TDS Water Quality	15	0	35300	3160	30781	9217	81	0	36400	18800	34123	1880
Sulfate	<20	<20	<20	None	None	250	Secondary Drinking	15	1	600	50	190	126	81	16	4670	2.5	153	612
TDS (calc)	35100	32200	32500					15	0	36300	4340	30803	8993	81	0	40100	31800	34296	1400
TDS ratio	1.03	1.09	1.07					14	0	1.06	0.73	0.99	0.08	81	0	1.09	0.54	0.996	0.06
Temperature	16	8.8	10.9					15	0	17.7	10.1	12.9	2.2	81	0	19.4	7.6	12.2	2.4

* Sample Type = Primary (one sample is represented). = Average (duplicate samples are averaged). ** Constituents reported in mg/l unless otherwise noted.

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Analyte concentrations reported below the detection limit are set equal to one half the detection limit for all statistical calculations.

AMERICAN SODA INTERIM STATUS
DATA SUMMARY GROUND WATER WELL 29-4B
AUGUST 1, 1999 - MARCH 31, 2012

Well ID	29-4B	29-4B	29-4B	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS AUGUST 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - DECEMBER 31, 2011					
Sample Date	9/5/2011	12/21/2011	3/13/2012	Protection	Warning	Standard													
Sample Type*	Primary	Average	Primary	Level	Indicator	Regulation	Standard												
Completion Horizon	B Groove	B Groove	B Groove	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Boron, dissolved	0.98	0.95	0.95	None	None	0.75	Agricultural	14	0	1.03	0.36	0.898	0.171	80	0	1.78	0.63	0.94	0.131
Calcium, dissolved	9.7	9.1	9.1	None	None	None	None	14	0	10.4	6.1	8.9	1.1	80	0	140	5	10.8	14.7
Iron, dissolved	0.07	0.07	0.07	None	None	0.3	Secondary Drinking Water	14	1	0.15	0.025	0.082	0.034	80	7	8.96	0.01	0.292	1.222
Lithium, dissolved	0.32	0.3	0.31	None	None	2.5	Agricultural	14	0	0.37	0.04	0.293	0.081	80	0	0.41	0.07	0.316	0.043
Magnesium, dissolved	4.3	3.3	3.7	None	None	None	None	14	0	4.3	3	3.7	0.4	80	0	139	2	5.2	15.2
Potassium, dissolved	3.1	3.1	2.5	None	None	None	None	14	0	3	1.4	2.4	0.4	80	0	9.2	1.6	2.6	1.0
Silica, dissolved	16.7	16.7	16.3	None	None	None	None	14	0	18.9	13.8	16.1	1.4	80	0	34	10.1	16.3	2.4
Sodium, dissolved	1450	1550	1490	None	None	None	None	14	0	1650	635	1462.9	252.2	80	0	1770	1230	1496	89
Bicarb as CaCO3	3520	3380	3460	None	None	None	None	14	0	3620	1250	3049	553	80	0	3990	2740	3227	195
Carbonate as CaCO3	<2	102	<2	None	None	None	None	14	12	281	1	41	78	80	60	419	1	39	86
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	14	14	100	1	18	35	80	80	1	1	1	0
Total Alkalinity	3520	3480	3460	None	None	None	None	14	0	3620	1300	2994	574	80	0	3990	2740	3263	187
Cation-Anion Balance %	-8	-4.4	-6.1					14	8	2.9	-6.8	-0.9	3.0	80	60	10.7	-21.7	-2.5	4.2
Sum of Anions meq/L	76.1	75.3	75					14	0	77.7	27.6	66.60	11.77	80	0	85	60	70.43	3.80
Sum of Cations meq/L	64.8	69	66.4					14	0	73.6	28.6	65.25	11.17	80	0	78.8	54.7	66.93	4.11
Chloride	148	150	150	None	None	250	Secondary Drinking	14	0	170	19	130	34	80	0	151	110	129	9
Cond @ 25C (umhos/cm)	5530	5440	5640	None	None	None	None	14	0	5910	2170	5191	892	80	0	6020	3050	5315	438
Fluoride	29	28.3	29.7	None	None	2	Agricultural	14	0	33	17	28.1	3.7	80	0	34.2	22.9	29.0	2.1
pH (units)	8.5	8.6	8.6	None	None	6.5 - 8.5	Secondary Drinking	14	0	8.4	7.4	7.9	0.3	80	0	8.7	7.1	8.1	0.3
Total Dissolved Solids	3790	3820	3820	None	None	4439	TDS Water Quality Standards	14	0	4000	1490	3551	603	80	0	4070	2950	3707	111
Sulfate	<10	<10	<5	None	None	250	Secondary Drinking	14	12	10	5	6	2	80	72	25	0.5	5	4
TDS (calc)	3780	3850	3780					14	0	3920	1510	3509	598	80	0	4080	3345	3664	152
TDS ratio	1	0.99	1.01					14	0	1.11	0.93	1.01	0.04	80	0	1.095	0.81	1.013	0.04
Temperature	15.7	8.9	12.4					13	0	16.6	8.7	12.1	2.6	80	0	20.7	7	12.4	2.5

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Analyte concentrations reported below the detection limit are set equal to one half the detection limit for all statistical calculations.

AMERICAN SODA INTERIM STATUS

DATA SUMMARY GROUND WATER WELL 20-4B

JULY 1, 1999 - MARCH 31, 2012

Well ID	20-4B	20-4B	20-4B	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - DECEMBER 31, 2011					
Sample Date	9/6/2011	12/11/2011	3/7/2012	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Primary	Level	Indicator	Regulation	Standard												
Completion Horizon	B Groove	B Groove	B Groove	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Boron, dissolved	0.34	0.33	0.33	None	0.75	0.75	Agricultural	14	0	0.96	0.32	0.400	0.164	81	0	0.38	0.29	0.33	0.018
Calcium, dissolved	4.7	4.6	4.3	None	None	None	None	14	0	15.2	4.8	7.5	3.0	81	0	5.5	4.25	4.7	0.3
Iron, dissolved	0.04	0.06	0.03	None	None	0.3	Secondary Drinking Water	14	0	1.45	0.03	0.255	0.456	81	5	0.1	-0.02	0.043	0.022
Lithium, dissolved	0.05	0.05	0.05	None	2.5	2.5	Agricultural	14	1	0.35	0.02	0.064	0.083	81	1	0.6	0.02	0.058	0.061
Magnesium, dissolved	3.2	2.4	2.6	None	None	None	None	14	0	6.4	2.8	3.9	1.2	81	0	3.2	2.1	2.7	0.2
Potassium, dissolved	1.4	1.6	1.3	None	5.51	None	None	14	0	3.1	1.1	1.6	0.6	81	0	3.3	0.8	1.1	0.3
Silica, dissolved	14.4	14.8	14.4	None	33.95	None	None	14	0	32.3	13.7	17.0	5.0	81	0	17	13.5	15.0	0.7
Sodium, dissolved	503	530	506	None	844	None	None	14	0	1530	529	666.3	251.9	81	0	631	459	538	33
Bicarb as CaCO3	962	1110	1010	None	None	None	None	14	0	3120	1060	1364	517	81	0	1240	629	1057	92
Carbonate as CaCO3	140	99	110	None	None	None	None	14	10	148	1	36	51	81	6	419	1	80	58
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	14	14	10	1	6	5	81	81	1	-2	1	0
Total Alkalinity	1100	1210	1120	None	1807	None	None	14	0	3120	1160	1396	503	81	0	1260	862	1136	76
Cation-Anion Balance %	-1.1	-3.1	-1.7					14	5	4.3	-12.8	0.0	4.0	81	41	18.7	-25.1	0.4	5.6
Sum of Anions meq/L	23.2	25.3	23.5					14	0	67.6	24.3	30.17	11.02	81	0	42.9	18.3	24.09	2.60
Sum of Cations meq/L	22.7	23.8	22.7					14	0	68.2	24.9	30.14	11.10	81	0	28.3	20.7	24.19	1.47
Chloride	14	14	14	None	None	250	Secondary Drinking	14	0	140	15	38	44	81	0	15	10	13	1
Cond @ 25C (umhos/cm)	2020	2140	1940	None	3178	None	None	14	0	5360	2135	2496	838	81	0	2310	8	1999	249
Fluoride	14.2	13.8	13.5	None	35.61	2	Agricultural	14	0	24	13.5	16.1	2.7	81	0	29	2.5	14.6	2.4
pH (units)	8.8	8.7	8.7	None	None	6.5 - 8.5	Secondary Drinking	14	0	9.2	7.7	8.2	0.4	81	0	8.9	7.8	8.6	0.2
Total Dissolved Solids	1290	1280	1300	None	1955	2018	TDS Water Quality Standards	14	0	3730	1340	1614	615	81	0	1400	890	1301	53
Sulfate	<1	<1	<1	None	None	250	Secondary Drinking	14	6	40	5	17	13	81	77	20	-1	5	3
TDS (calc)	1270	1310	1230					14	0	3600	1340	1616	579	81	0	2020	1160	1312	98
TDS ratio	1.02	0.98	1.06					14	0	1.05	0.95	1.00	0.03	81	0	1.13	0.64	0.996	0.07
Temperature	14.9	11	10.1					14	0	19.7	9.4	13.0	3.0	81	0	20.9	7.4	12.6	3.0

* Sample Type = Primary (one sample is represented), = Average (duplicate samples are averaged). ** Constituents reported in mg/l unless otherwise noted.

A symbol "<" before a number indicates that the value is not detected. The number following "<" is the analytical limit of detection based upon the method and the sample matrix.

Analyte concentrations reported below the detection limit are set equal to one half the detection limit for all statistical calculations.

AMERICAN SODA INTERIM STATUS
DATA SUMMARY GROUND WATER WELL 20-9
JULY 1, 1999 - MARCH 31, 2012

Well ID	20-9	20-9	20-9	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - DECMEBER 31, 2011					
Sample Date	9/18/11	12/7/11	3/25/12	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Primary	Level	Indicator	Regulation	Standard												
Completion Horizon	B Groove	B Groove	B Groove	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Boron, dissolved	1.39	1.39	1.45	None	2.08	0.75	Agricultural	15	0	1.74	1.43	1.567	0.077	81	0	1.73	0.74	1.46	0.120
Calcium, dissolved	11	10	9	None	None	None	None	15	0	11	10	10.4	0.5	81	0	12	7.3	9.4	1.0
Iron, dissolved	0.2	0.5	0.3	None	None	0.3	Secondary Drinking Water	15	0	0.69	0.06	0.216	0.178	81	10	0.57	0.025	0.178	0.133
Lithium, dissolved	0.6	0.5	0.6	None	2.5	2.5	Agricultural	15	0	0.62	0.5	0.593	0.027	81	0	0.7	0.5	0.591	0.050
Magnesium, dissolved	5	3	4	None	None	None	None	15	0	6	4	4.9	0.5	81	0	6	2	4.0	0.6
Potassium, dissolved	5	4	5	None	9.26	None	None	15	0	6.5	4	5.3	0.6	81	0	7	3.7	4.8	0.7
Silica, dissolved	19	19	19	None	21.98	None	None	15	0	19	16.3	17.5	0.8	81	0	23	16	18.8	1.4
Sodium, dissolved	2160	2200	2210	None	2947	None	None	15	0	2550	2190	2326.7	112.7	81	0	2590	1940	2229	132
Bicarb as CaCO3	4850	4850	5490	None	None	None	None	15	0	5100	4160	4742	283	81	0	5530	3680	4661	335
Carbonate as CaCO3	<2	<2	<2	None	None	None	None	15	13	536	1	66	142	81	58	298	1	35	65
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	23	40	81	81	1	1	1	0
Total Alkalinity	4850	4850	5490	None	6138	None	None	15	0	5100	4160	4792	283	81	0	5530	3680	4694	332
Cation-Anion Balance %	-5.3	-4.5	-10.4					15	11	5.4	-8.8	-2.1	4.2	81	66	7.8	-17.8	-2.6	3.1
Sum of Anions meq/L	107	107	121					15	0	124	93.1	108.07	6.65	81	0	142	82.9	104.46	8.50
Sum of Cations meq/L	96.2	97.7	98.2					15	0	113	97.4	103.52	4.86	81	0	115	86.3	99.09	5.83
Chloride	294	297	337	None	None	250	Secondary Drinking	15	0	390	270	321	35	81	0	430	29	307	61
Cond @ 25C (umhos/cm)	7700	7600	8560	None	10057	None	None	15	0	8820	7700	8298	362	81	0	9150	3410	7749	758
Fluoride	25.2	25.1	25.0	None	45.72	2	Agricultural	15	0	34	23.4	27.0	2.7	81	0	48	16.5	26.1	3.5
pH (units)	8.5	8.4	8.4	None	None	6.5 - 8.5	Secondary Drinking	15	0	8.6	7.7	8.0	0.3	81	0	8.9	7.6	8.3	0.2
Total Dissolved Solids	5400	5430	5500	None	6793	7125	TDS Water Quality	15	0	6020	5320	5700	212	81	0	6170	5030	5488	259
Sulfate	20	<10	<10	None	None	250	Secondary Drinking	15	14	800	5	64	204	81	70	220	0.5	11	29
TDS (calc)	5450	5470	5900					15	0	6450	5180	5681	278	81	0	6770	4730	5453	367
TDS ratio	0.99	0.99	0.93					15	0	1.13	0.87	1.01	0.06	81	0	1.1	0.82	1.008	0.04
Temperature	13.6	10.1	15.6					15	0	15	9.2	12.5	1.6	80	0	18.3	7.3	12.7	2.5

* Sample Type = Primary (one sample is represented), = Average (duplicate samples are averaged). ** Constituents reported in mg/l unless otherwise noted.

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Analyte concentrations reported below the detection limit are set equal to one half the detection limit for all statistical calculations.

AMERICAN SODA INTERIM STATUS

DATA SUMMARY GROUND WATER WELL 29-2B

JULY 1, 1999 - MARCH 31, 2012

Well ID	29-2B	29-2B	29-2B	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - DECEMBER 31, 2011					
Sample Date	8/23/2011	12/12/2011	3/7/2012	Protection	Warning	Standard													
Sample Type*	Average	Primary	Primary	Level	Indicator	Regulation	Standard												
Completion Horizon	B Groove	B Groove	B Groove	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Boron, dissolved	0.35	0.35	0.36	None	None	0.75	Agricultural	15	0	0.6	0.39	0.461	0.046	81	0	0.48	0.33	0.39	0.035
Calcium, dissolved	3	2.6	2.5	None	None	None	None	15	0	3.9	2.2	2.8	0.4	81	0	5.2	2	3.1	0.4
Iron, dissolved	0.11	0.06	0.11	None	None	0.3	Secondary Drinking Water	15	0	0.43	0.09	0.251	0.086	81	1	11.4	0.05	0.311	1.249
Lithium, dissolved	0.11	0.1	0.12	None	None	2.5	Agricultural	15	0	0.2	0.1	0.141	0.025	81	1	0.37	0.1	0.176	0.042
Magnesium, dissolved	1.3	1	1.3	None	None	None	None	15	0	2	1.1	1.4	0.3	81	0	2	0.8	1.3	0.2
Potassium, dissolved	5.2	4.1	5.2	None	None	None	None	15	0	11.1	2.8	5.8	2.4	81	0	23.1	4.1	13.0	4.9
Silica, dissolved	18.0	17.8	17.8	None	None	None	None	15	0	19.1	14	17.5	1.7	81	0	21	16.5	18.4	0.8
Sodium, dissolved	461	462	448	None	None	None	None	15	0	1490	672	842.8	254.9	81	0	824	419	593	99
Bicarb as CaCO3	842	949	873	None	None	None	None	15	0	2850	1400	1832	412	81	0	1720	803	1136	230
Carbonate as CaCO3	108	100	104	None	None	None	None	15	3	221	1	89	67	81	3	419	1	144	55
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	10	1	5	5	81	81	1	1	1	0
Total Alkalinity	950	1050	976	None	None	None	None	15	0	2900	1520	1919	382	81	0	1810	950	1280	236
Cation-Anion Balance %	1.5	-3.3	-1.2					15	13	6.8	-19	-8.6	7.3	81	54	10.2	-14.6	-2.5	5.0
Sum of Anions meq/L	20.1	22	20.6					15	0	71.7	35.9	44.15	10.65	81	0	40	20.1	28.28	5.67
Sum of Cations meq/L	20.7	20.6	20.1					15	0	66.2	30	37.55	11.25	81	0	37.1	18.9	26.75	4.49
Chloride	17	16	18	None	None	250	Secondary Drinking	15	0	450	96	181	111	81	0	330	16	71	47
Cond @ 25C (umhos/cm)	1860	1880	1750	None	None	None	None	15	0	5690	2610	3740	785	81	0	3570	1790	2408	480
Fluoride	11.8	11.7	11.4	None	None	2	Agricultural	15	0	16	11.5	13.3	1.5	81	0	15.8	10.3	12.4	1.0
pH (units)	8.8	8.8	8.8	None	None	6.5 - 8.5	Secondary Drinking	15	0	8.8	8.2	8.5	0.1	81	0	9	7.7	8.8	0.2
Total Dissolved Solids	1150	1110	1160	None	None	2654	TDS Water Quality Standards	15	0	3640	1580	2123	588	81	0	3290	1100	1483	318
Sulfate	<1	<1	<1	None	None	250	Secondary Drinking	15	12	40	5	9	9	81	73	25	0.5	5	4
TDS (calc)	1130	1150	1090					15	0	3760	1860	2250	563	81	0	2110	1110	1541	276
TDS ratio	1.02	0.97	1.06					15	0	1.18	0.81	0.94	0.10	81	0	1.94	0.78	0.966	0.12
Temperature	18.9	9	10.8					15	0	16.7	8.5	11.8	2.4	81	0	18.9	5.3	11.8	2.6

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Analyte concentrations reported below the detection limit are set equal to one half the detection limit for all statistical calculations.

AMERICAN SODA INTERIM STATUS

DATA SUMMARY GROUND WATER WELL 21-3D

JULY 1, 1999 - MARCH 31, 2012

Well ID	21-3D	21-3D	21-3D	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - DECEMBER 31, 2011					
Sample Date	9/19/2011	11/28/2011	3/12/2012	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Average	Level	Indicator	Regulation	Standard												
Completion Horizon	Dissolution	Dissolution	Dissolution	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Boron, dissolved	5.6	6.1	6.2	None	None	0.75	Agricultural	15	0	6.6	5.8	6.132	0.220	81	0	6.6	5.1	5.88	0.310
Calcium, dissolved	9	9	10	None	None	None	None	15	1	41	5	10.9	8.9	80	1	255	1.8	16.4	27.6
Iron, dissolved	<0.5	0.5	0.6	None	None	0.3	Secondary Drinking Water	15	0	4.1	0.7	1.147	0.897	81	4	4	0.18	1.114	0.648
Lithium, dissolved	2.2	2.5	2.4	None	None	2.5	Agricultural	15	0	3.1	2.3	2.580	0.193	81	0	3.1	1.6	2.539	0.247
Magnesium, dissolved	<5	<4	<4	None	None	None	None	15	0	12	5	7.3	2.0	80	33	49	2	4.9	5.3
Potassium, dissolved	50	95	69	None	None	None	None	15	0	61	46	54.7	4.1	81	0	120	33	56.0	10.3
Silica, dissolved	30	32	32	None	None	None	None	15	0	70	20	55.9	14.3	81	0	60	30	44.1	9.0
Sodium, dissolved	15100	15000	14500	None	None	None	None	15	0	16300	15200	15510.0	341.3	81	0	18500	14400	15772	810
Bicarb as CaCO3	36700	33000	35750	None	None	None	None	15	0	34500	27900	31710	1738	81	0	37500	29800	34405	1395
Carbonate as CaCO3	<2	<2	<2	None	None	None	None	15	13	1450	1	222	448	81	67	3440	1	124	433
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	54	51	81	81	1	1	1	0
Total Alkalinity	36700	33000	35750	None	None	None	None	15	0	34500	29300	31883	1498	81	0	37500	31500	34527	1222
Cation-Anion Balance %	-7.5	-2.7	-8.5					15	6	3.3	-3.2	0.5	2.1	81	64	5.4	-13.4	-2.7	3.6
Sum of Anions meq/L	774	700	759					14	0	731	628	678.21	30.92	81	0	1010	682	736.95	42.41
Sum of Cations meq/L	666	663	641					14	0	719.5	671	682.96	13.82	81	0	816	636	696.69	35.52
Chloride	1310	1300	1430	None	None	250	Secondary Drinking	15	0	1460	1160	1328	69	81	0	1600	890	1318	98
Cond @ 25C (umhos/cm)	42100	40600	41550	None	None	None	None	15	0	41900	31500	40530	2742	81	0	49600	1430	39718	6168
Fluoride	66	66	66	None	None	2	Agricultural	15	0	71	43	59.0	7.5	81	0	87	43	62.9	6.7
pH (units)	8.2	8.3	8.4	None	None	6.5 - 8.5	Secondary Drinking	15	0	8.5	7.9	8.2	0.2	81	0	8.7	7.4	8.1	0.2
Total Dissolved Solids	40700	39000	39400	None	None	7125	TDS Water Quality	15	0	38800	36150	38147	687	81	0	40800	35800	38551	732
Sulfate	<20	<20	<20	None	None	250	Secondary Drinking	15	11	50	5	31	20	81	49	12400	2	362	1928
TDS (calc)	38600	36300	37550					15	0	37800	34600	36237	983	81	0	52500	36200	38337	2025
TDS ratio	1.05	1.07	1.05					14	0	1.11	0.965	1.06	0.04	81	0	1.07	0.74	1.008	0.04
Temperature	17.6	10	15.6					15	0	17.1	9.7	13.1	2.4	80	0	19.8	7.2	12.1	2.8

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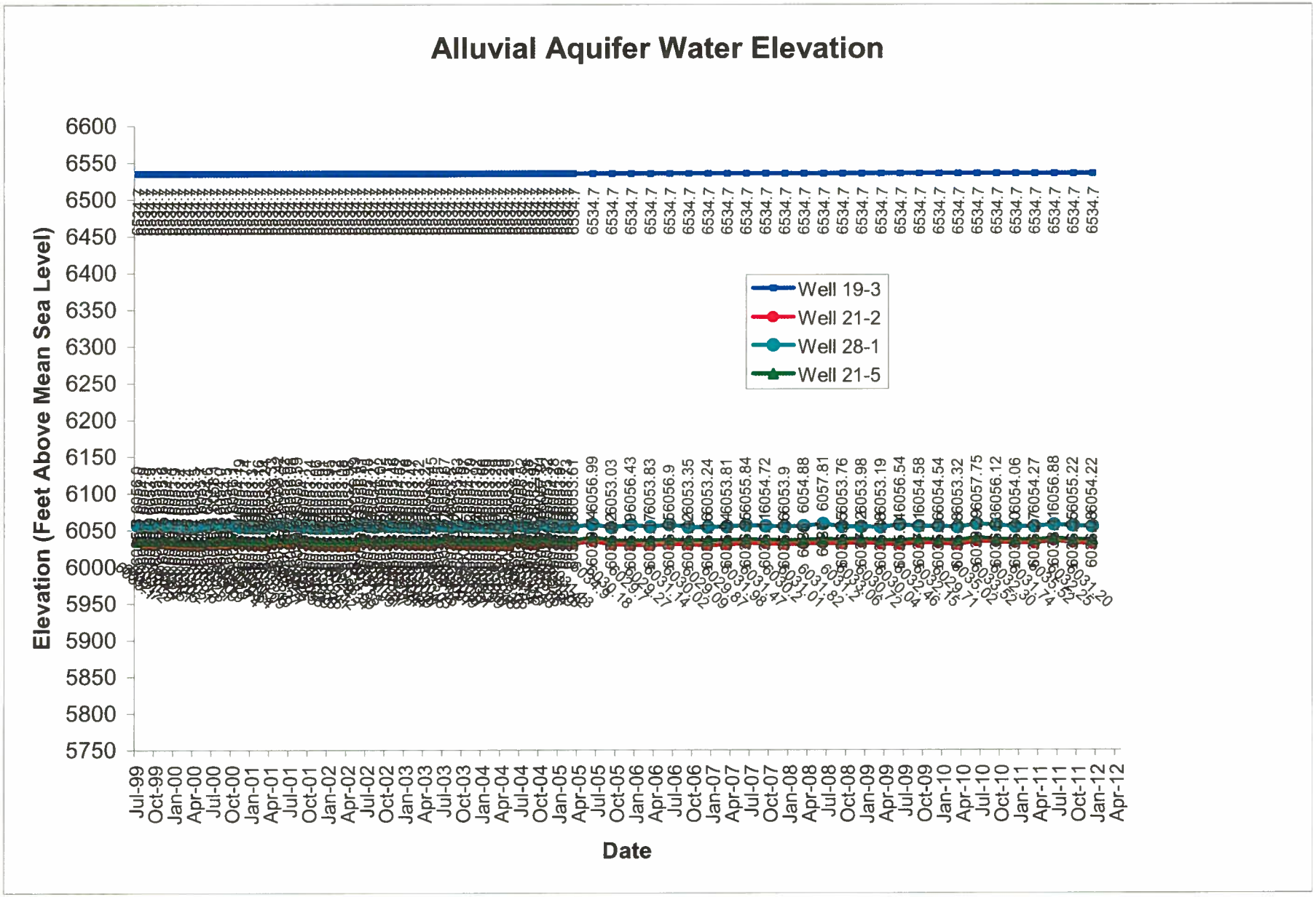
Alluvial Wells Water Elevation Summary

AUGUST 2003 - MARCH 2012

Well ID	Well 19-3*		Well 21-2		Well 28-1		Well 21-5	
Installation Date	7/13/1999		5/13/1997		7/16/1999		7/16/1999	
Screened Interval	6,539.7 - 6534.7		6023 - 6013		6046 -6036		5958.3 -5948.3	
Collar or Ground Elevation (Feet Above Mean Sea Level)	6550.4		6105		6070.5		6059.3	
Date Measured	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)
Aug-03	15.70	6534.7	73.03	6032.0	17.00	6053.5	22.86	6036.4
Sep-03	15.70	6534.7	74.31	6030.7	14.87	6055.6	23.58	6035.7
Oct-03	15.70	6534.7	74.13	6030.9	15.53	6055.0	23.60	6035.7
Nov-03	15.70	6534.7	74.19	6030.8	15.71	6054.8	23.68	6035.6
Dec-03	15.70	6534.7	74.70	6030.3	16.58	6053.9	23.98	6035.3
Jan-04	15.70	6534.7	75.01	6030.0	16.84	6053.7	24.16	6035.1
Feb-04	15.70	6534.7	75.33	6029.7	17.11	6053.4	24.44	6034.9
Mar-04	15.70	6534.7	75.52	6029.5	17.21	6053.3	24.61	6034.7
Apr-04	15.70	6534.7	75.64	6029.4	17.21	6053.3	24.50	6034.8
May-04	15.70	6534.7	75.94	6029.1	17.21	6053.3	24.62	6034.7
Jun-04	15.70	6534.7	69.76	6035.2	14.40	6056.1	21.09	6038.2
Jul-04	15.70	6534.7	70.95	6034.1	14.98	6055.5	20.85	6038.5
Aug-04	15.70	6534.7	73.73	6031.3	17.12	6053.4	23.24	6036.1
Sep-04	15.70	6534.7	74.57	6030.4	17.53	6053.0	23.68	6035.6
Oct-04	15.70	6534.7	72.34	6032.7	12.59	6057.9	20.24	6039.1
Nov-04	15.70	6534.7	71.16	6033.8	15.18	6055.3	20.55	6038.8
Dec-04	15.70	6534.7	72.31	6032.7	16.22	6054.3	22.65	6036.7
Jan-05	15.70	6534.7	73.22	6031.8	16.60	6053.9	23.55	6035.8
Feb-05	15.70	6534.7	73.58	6031.4	16.77	6053.7	23.91	6035.4
Mar-05	15.70	6534.7	73.87	6031.1	16.89	6053.6	24.12	6035.2
Jun-05	15.70	6534.7	70.10	6034.9	13.51	6057.0	19.56	6039.7
Sep-05	15.70	6534.7	74.82	6030.2	17.47	6053.0	23.68	6035.6
Dec-05	15.70	6534.7	75.30	6029.7	14.07	6056.4	24.11	6035.2
Mar-06	15.70	6534.7	75.73	6029.3	16.67	6053.8	24.13	6035.2
Jun-06	15.70	6534.7	73.86	6031.1	13.60	6056.9	22.65	6036.7
Sep-06	15.70	6534.7	74.98	6030.0	17.15	6053.4	23.88	6035.4
Dec-06	15.70	6534.7	75.91	6029.1	17.26	6053.2	24.14	6035.2
Mar-07	15.70	6534.7	75.13	6029.9	16.69	6053.8	23.36	6035.9
Jun-07	15.70	6534.7	73.02	6032.0	14.66	6055.8	22.35	6037.0
Sep-07	15.70	6534.7	73.53	6031.5	15.78	6054.7	23.19	6036.1
Dec-07	15.70	6534.7	74.80	6030.2	16.60	6053.9	23.74	6035.6
Mar-08	15.70	6534.7	73.99	6031.0	15.62	6054.9	23.30	6036.0
Jun-08	15.70	6534.7	73.18	6031.8	12.69	6057.8	22.30	6037.0
Sep-08	15.70	6534.7	73.80	6031.2	16.74	6053.8	22.95	6036.4
Dec-08	15.70	6534.7	71.94	6033.1	16.52	6054.0	21.88	6037.4
Mar-09	15.70	6534.7	74.28	6030.7	17.31	6053.2	23.82	6035.5
Jun-09	15.70	6534.7	74.96	6030.0	13.96	6056.5	23.96	6035.3
Sep-09	15.70	6534.7	72.54	6032.5	15.92	6054.6	22.29	6037.0
Dec-09	15.70	6534.7	72.85	6032.2	15.96	6054.5	23.34	6036.0
Mar-10	15.70	6534.7	75.29	6029.7	17.18	6053.3	23.92	6035.4
Jun-10	15.70	6534.7	69.98	6035.0	12.75	6057.8	20.01	6039.3
Sep-10	15.70	6534.7	71.48	6033.5	14.38	6056.1	22.47	6036.8
Dec-10	15.70	6534.7	72.70	6032.3	16.44	6054.1	22.90	6036.4
Mar-11	15.70	6534.7	73.26	6031.7	16.23	6054.3	23.03	6036.3
Jun-11	15.70	6534.7	69.48	6035.5	13.62	6056.9	20.89	6038.4
Sep-11	15.70	6534.7	72.75	6032.3	15.28	6055.2	22.75	6036.6
Dec-11	15.70	6534.7	73.80	6031.2	16.28	6054.2	23.22	6036.1
Mar-12	15.70	6534.7	75.10	6029.9	17.14	6053.4	23.71	6035.6

* Well 19-3 is consistently dry.


Alluvial Aquifer Water Elevation
Elevation (Feet Above Mean Sea Level)
6600
6550
6500
6450
6400
6350
6300
6250
6200
6150
6100
6050
6000
5950
5900
5850
5800
5750
Well 19-3
Well 21-2
Well 28-1
Well 21-5
Jul-99
Oct-99
Jan-00
Apr-00
Jul-00
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Jan-11
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Jul-11
Oct-11
Jan-12
Apr-12
Date

Upper Aquifer Wells Water Elevation Summary
NOVEMBER 2003 - MARCH 2012

Well ID	Well 29-4U		Well 20-8		Well 21-3U		Well 21-3A	
Installation Date	7/15/99		1/17/97		7/8/99		7/8/99	
Screened Interval (ft)	5629.44 - 5619.44		5695.68 - 5675.68		5638.9 - 5628.9		5418.86 - 5408.86	
Collar or Ground Elevation (Feet Above Mean Sea Level)	6159.44		6235.7		6118.9		6118.9	
Date Measured	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)
Nov-03	50.0	6109.5	131.7	6104.0	25.1	6093.9	26.2	6092.7
Dec-03	50.0	6109.4	131.7	6104.1	25.0	6093.9	26.0	6092.9
Jan-04	50.0	6109.5	131.6	6104.1	25.3	6093.6	26.4	6092.5
Feb-04	49.8	6109.7	131.9	6103.8	25.3	6093.6	26.3	6092.6
Mar-04	50.0	6109.5	131.8	6103.9	25.3	6093.6	26.5	6092.4
Apr-04	50.0	6109.4	131.8	6103.9	25.4	6093.6	26.4	6092.5
May-04	50.0	6109.4	131.9	6103.8	25.2	6093.7	26.4	6092.5
Jun-04	50.0	6109.4	131.8	6103.9	25.5	6093.4	39.6	6079.4
Jul-04	49.8	6109.6	131.5	6104.2	25.5	6093.4	38.3	6080.6
Aug-04	49.9	6109.6	131.8	6103.9	25.4	6093.5	37.1	6081.8
Sep-04	50.0	6109.4	131.9	6103.9	25.6	6093.3	36.5	6082.4
Oct-04	49.9	6109.5	131.9	6103.8	25.6	6093.3	35.5	6083.4
Nov-04	50.1	6109.3	131.9	6103.9	25.5	6093.4	34.8	6084.1
Dec-04	49.9	6109.5	132.0	6103.7	25.5	6093.4	34.0	6084.9
Jan-05	50.1	6109.3	131.9	6103.8	25.3	6093.7	33.0	6085.9
Feb-05	50.0	6109.5	131.8	6103.9	25.6	6093.3	32.8	6086.1
Mar-05	50.0	6109.5	131.7	6104.0	25.6	6093.3	32.3	6086.6
Jun-05	50.1	6109.3	132.0	6103.7	25.7	6093.3	31.1	6087.8
Sep-05	50.1	6109.3	132.0	6103.7	25.8	6093.1	30.4	6088.5
Dec-05	50.2	6109.2	132.0	6103.7	25.9	6093.0	29.9	6089.0
Mar-06	50.4	6109.1	132.1	6103.6	26.0	6092.9	29.7	6089.2
Jun-06	50.4	6109.1	131.9	6103.8	26.1	6092.8	29.7	6089.2
Sep-06	50.4	6109.1	132.0	6103.7	26.1	6092.9	29.5	6089.4
Dec-06	50.3	6109.1	132.1	6103.6	26.2	6092.7	29.6	6089.3
Mar-07	50.4	6109.0	132.0	6103.7	26.2	6092.7	29.6	6089.4
Jun-07	50.4	6109.1	131.9	6103.8	25.9	6093.0	29.3	6089.6
Sep-07	50.4	6109.1	131.7	6104.0	26.2	6092.7	29.6	6089.4
Dec-07	50.2	6109.3	131.6	6104.1	26.5	6092.4	29.8	6089.1
Mar-08	50.2	6109.2	131.6	6104.1	26.2	6092.7	29.6	6089.3
Jun-08	50.2	6109.3	131.4	6104.3	26.0	6092.9	29.3	6089.6
Sep-08	50.3	6109.1	131.3	6104.4	26.3	6092.6	29.6	6089.3
Dec-08	50.3	6109.1	131.2	6104.5	26.3	6092.6	29.6	6089.3
Mar-09	50.0	6109.4	131.0	6104.7	26.4	6092.5	29.4	6089.5
Jun-09	49.9	6109.5	131.9	6103.9	26.3	6092.6	29.5	6089.4
Sep-09	49.9	6109.6	130.6	6105.2	26.1	6092.8	29.2	6089.7
Dec-09	49.8	6109.7	130.3	6105.5	26.3	6092.6	29.4	6089.5
Mar-10	49.7	6109.8	130.4	6105.3	26.3	6092.6	29.4	6089.5
Jun-10	49.8	6109.7	130.6	6105.1	25.9	6093.0	29.1	6089.8
Sep-10	49.8	6109.7	129.9	6105.8	26.2	6092.8	29.7	6089.2
Dec-10	49.7	6109.8	129.7	6106.0	26.1	6092.8	29.1	6089.8
Mar-11	49.8	6109.6	129.4	6106.4	26.1	6092.8	29.2	6089.7
Jun-11	49.8	6109.7	129.2	6106.5	26.1	6092.8	29.4	6089.5
Sep-11	49.9	6109.6	129.1	6106.6	26.4	6092.6	29.4	6089.5
Dec-11	49.7	6109.7	128.9	6106.8	26.1	6092.8	29.3	6089.6
Mar-12	50.0	6109.5	128.9	6106.8	26.2	6092.8	29.2	6089.7

Upper Aquifer Wells Water Elevation Summary Continued

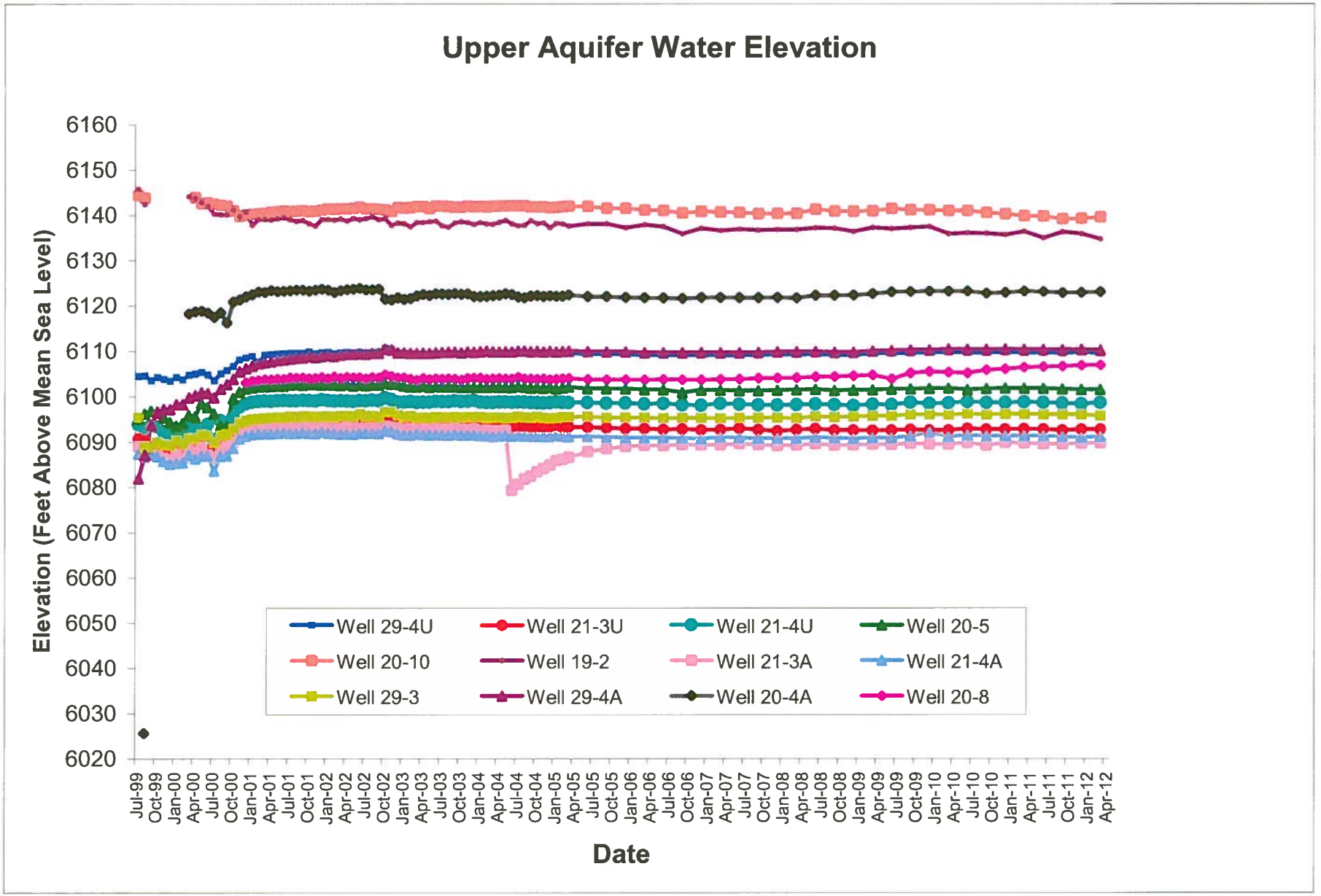
NOVEMBER 2003 - MARCH 2012

Well ID	Well 21-4A		Well 29-3		Well 29-4A		Well 21-4U	
Installation Date	7/14/99		2/9/98		7/15/99		7/22/99	
Screened Interval (ft)	5415.6 - 5405.6		5363.18 - 5353.18		5409.44 - 5399.44		5643.5 - 5633.5	
Collar or Ground Elevation (Feet Above Mean Sea Level)	6277.6		6381.2		6159.4		6280.5	
Date Measured	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)
Nov-03	186.1	6091.5	285.6	6095.6	49.5	6109.9	181.6	6098.9
Dec-03	186.1	6091.5	285.6	6095.6	49.6	6109.8	181.4	6099.1
Jan-04	186.3	6091.4	285.6	6095.6	49.5	6109.9	181.8	6098.7
Feb-04	186.3	6091.3	285.9	6095.4	49.3	6110.1	181.8	6098.7
Mar-04	186.4	6091.2	285.8	6095.4	49.5	6109.9	181.9	6098.6
Apr-04	186.3	6091.3	285.8	6095.4	49.6	6109.9	181.8	6098.7
May-04	186.2	6091.4	285.9	6095.3	49.5	6109.9	181.7	6098.8
Jun-04	186.3	6091.3	285.8	6095.4	49.5	6109.9	181.8	6098.7
Jul-04	186.2	6091.4	285.6	6095.7	49.3	6110.1	181.8	6098.8
Aug-04	186.3	6091.3	285.7	6095.5	49.3	6110.1	181.8	6098.7
Sep-04	186.4	6091.2	285.8	6095.4	49.5	6109.9	181.9	6098.6
Oct-04	186.4	6091.2	285.8	6095.4	49.4	6110.1	181.9	6098.6
Nov-04	186.5	6091.2	285.8	6095.4	49.5	6109.9	182.0	6098.5
Dec-04	186.4	6091.2	286.0	6095.2	49.4	6110.1	182.0	6098.6
Jan-05	186.2	6091.4	285.9	6095.3	49.5	6109.9	181.7	6098.8
Feb-05	186.4	6091.2	285.7	6095.5	49.4	6110.0	181.8	6098.7
Mar-05	186.5	6091.1	285.7	6095.6	49.4	6110.0	181.9	6098.6
Jun-05	186.5	6091.2	285.6	6095.6	49.5	6109.9	181.9	6098.6
Sep-05	186.6	6091.0	285.8	6095.4	49.5	6109.9	182.1	6098.5
Dec-05	186.7	6090.9	285.8	6095.4	49.6	6109.9	182.0	6098.5
Mar-06	186.7	6090.9	285.9	6096.2	49.7	6109.7	182.2	6098.3
Jun-06	186.7	6090.9	285.9	6095.3	49.7	6109.7	182.1	6098.4
Sep-06	186.9	6090.7	285.9	6095.3	49.7	6109.7	182.4	6098.1
Dec-06	187.0	6090.6	285.9	6095.3	49.7	6109.7	182.5	6098.0
Mar-07	186.6	6091.0	286.0	6095.2	49.7	6109.7	182.1	6098.4
Jun-07	186.8	6090.9	285.9	6095.3	49.7	6109.7	182.2	6098.3
Sep-07	186.9	6090.7	285.8	6095.4	49.7	6109.7	182.4	6098.1
Dec-07	186.9	6090.7	285.8	6095.4	49.6	6109.9	182.5	6098.0
Mar-08	186.8	6090.8	285.9	6095.3	49.5	6109.9	182.4	6098.1
Jun-08	186.7	6090.9	285.5	6095.7	49.5	6109.9	182.2	6098.3
Sep-08	186.8	6090.8	285.7	6095.5	49.7	6109.8	182.4	6098.2
Dec-08	186.9	6090.7	285.6	6095.7	49.6	6109.8	182.6	6097.9
Mar-09	186.7	6090.9	285.4	6095.8	49.4	6110.1	182.3	6098.2
Jun-09	186.7	6090.9	285.4	6095.8	49.3	6110.2	182.3	6098.2
Sep-09	186.3	6091.3	285.1	6096.1	49.2	6110.2	181.8	6098.7
Dec-09	185.5	6092.1	285.1	6096.1	49.2	6110.2	182.1	6098.4
Mar-10	186.5	6091.1	285.1	6096.1	49.0	6110.4	182.0	6098.5
Jun-10	186.2	6091.5	284.9	6096.3	49.0	6110.4	181.7	6098.8
Sep-10	186.3	6091.3	285.2	6096.0	49.1	6110.4	181.9	6098.6
Dec-10	186.3	6091.3	285.0	6096.2	48.9	6110.5	181.9	6098.6
Mar-11	186.3	6091.3	285.0	6096.2	49.1	6110.3	181.8	6098.7
Jun-11	186.4	6091.2	285.1	6096.1	49.1	6110.3	181.9	6098.6
Sep-11	186.5	6091.1	285.1	6096.1	49.1	6110.3	182.0	6098.5
Dec-11	186.7	6090.9	285.1	6096.1	49.1	6110.3	182.2	6098.3
Mar-12	186.5	6091.1	285.4	6095.8	49.2	6110.2	182.0	6098.5

Upper Aquifer Wells Water Elevation Summary Continued

NOVEMBER 2003 - MARCH 2012

Well ID	Well 20-5		Well 20-10		Well 19-2		Well 20-4A	
Installation Date	5/8/97		9/5/98		5/5/98		7/18/98	
Screened Interval (ft)	5572.7 - 5562.7		5579.38 - 5569.38		5351.77 - 5341.77		5352.6 - 5332.6	
Collar or Ground Elevation (Feet Above Mean Sea Level)	6204.7		6569.4		6621.8		6422.6	
Date Measured	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)
Nov-03	102.7	6102.1	427.4	6142.0	483.4	6138.4	300.0	6122.6
Dec-03	102.7	6102.0	427.5	6141.9	483.8	6138.0	300.6	6122.0
Jan-04	102.7	6102.0	427.4	6142.0	483.4	6138.4	300.6	6122.0
Feb-04	102.7	6102.0	427.5	6141.9	483.7	6138.1	300.5	6122.1
Mar-04	102.6	6102.1	427.4	6142.0	483.8	6138.0	300.4	6122.2
Apr-04	102.6	6102.1	427.3	6142.1	483.4	6138.5	300.3	6122.3
May-04	102.7	6102.0	427.4	6142.1	483.0	6138.9	300.0	6122.6
Jun-04	102.8	6102.0	427.3	6142.1	483.7	6138.1	300.1	6122.5
Jul-04	102.5	6102.2	427.3	6142.1	484.1	6137.7	300.7	6121.9
Aug-04	102.7	6102.0	427.3	6142.1	484.0	6137.8	300.9	6121.8
Sep-04	102.9	6101.8	427.5	6141.9	483.0	6138.8	300.5	6122.1
Oct-04	102.7	6102.0	427.6	6141.8	483.7	6138.2	300.4	6122.2
Nov-04	102.9	6101.8	427.6	6141.9	483.5	6138.3	300.6	6122.0
Dec-04	102.7	6102.0	427.7	6141.7	484.6	6137.2	300.5	6122.1
Jan-05	103.1	6101.6	427.7	6141.8	483.6	6138.2	300.6	6122.1
Feb-05	102.9	6101.8	427.5	6141.9	483.7	6138.1	300.5	6122.1
Mar-05	102.6	6102.1	427.4	6142.0	484.2	6137.6	300.2	6122.4
Jun-05	103.0	6101.7	427.5	6141.9	483.7	6138.1	300.6	6122.0
Sep-05	103.0	6101.7	427.9	6141.5	483.7	6138.1	300.6	6122.0
Dec-05	103.1	6101.6	427.8	6141.6	484.6	6137.2	300.8	6121.8
Mar-06	103.2	6101.5	428.2	6141.2	483.9	6137.9	300.8	6122.6
Jun-06	103.3	6101.4	428.4	6141.0	484.3	6137.5	300.2	6121.7
Sep-06	103.9	6100.8	428.9	6140.5	485.9	6135.9	301.0	6121.6
Dec-06	103.3	6101.4	428.6	6140.8	484.7	6137.1	300.8	6121.8
Mar-07	103.4	6101.4	428.7	6140.7	485.2	6136.6	300.8	6121.8
Jun-07	103.5	6101.2	428.8	6140.6	484.9	6136.9	300.9	6121.7
Sep-07	103.5	6101.2	429.1	6140.3	485.1	6136.7	300.9	6121.8
Dec-07	103.4	6101.3	429.0	6140.4	485.0	6136.8	300.8	6121.8
Mar-08	103.3	6101.5	429.0	6140.4	485.0	6136.8	300.9	6121.7
Jun-08	103.2	6101.5	428.0	6141.4	484.6	6137.2	300.3	6122.3
Sep-08	103.4	6101.3	428.5	6140.9	484.7	6137.1	300.4	6122.2
Dec-08	103.3	6101.4	428.5	6140.9	485.4	6136.4	300.3	6122.3
Mar-09	103.3	6101.4	428.4	6141.0	484.5	6137.3	300.0	6122.6
Jun-09	103.1	6101.6	427.9	6141.5	484.8	6137.0	299.6	6123.0
Sep-09	103.1	6101.6	428.2	6141.2	484.5	6137.3	299.5	6123.1
Dec-09	103.0	6101.7	428.2	6141.2	484.3	6137.5	299.4	6123.2
Mar-10	102.9	6101.8	428.4	6141.0	485.9	6135.9	299.4	6123.2
Jun-10	103.2	6101.5	428.4	6141.0	485.7	6136.1	299.4	6123.2
Sep-10	103.0	6101.7	428.8	6140.6	485.8	6136.0	299.9	6122.7
Dec-10	102.9	6101.8	429.1	6140.3	486.1	6135.7	299.7	6122.9
Mar-10	103.0	6101.7	429.6	6139.9	485.4	6136.4	299.4	6123.2
Jun-10	102.9	6101.8	429.6	6139.8	486.9	6134.9	299.5	6123.1
Sep-11	103.1	6101.6	430.2	6139.2	485.5	6136.3	299.8	6122.9
Dec-11	103.2	6101.5	430.1	6139.3	485.9	6135.9	299.7	6122.9
Mar-12	103.2	6101.5	429.8	6139.6	487.1	6134.7	299.6	6123.0


Upper Aquifer Water Elevation
Elevation (Feet Above Mean Sea Level)
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6120
6110
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Well 21-3U
Well 21-4U
Well 20-5
Well 20-10
Well 19-2
Well 21-3A
Well 21-4A
Well 29-3
Well 29-4A
Well 20-4A
Well 20-8

Lower Aquifer Wells Water Elevation Summary

NOVEMBER 2003 - MARCH 2012

Well ID	Well 21-3B		Well 21-4B		Well 29-2B		Well 20-9	
Installation Date	7/8/99		7/14/99		7/20/99		1/23/98	
Screened Interval (ft)	5209.86 - 5199.86		5201.6 - 5191.6		5195.26 - 5178.26		5172.99 - 5162.99	
Collar or Ground Elevation (Feet Above Mean Sea Level)	6118.86		6277.6		6218.3		6237	
Date Measured	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)
Nov-03	37.60	6081.26	193.35	6084.25	101.50	6116.80	127.90	6109.10
Dec-03	37.44	6081.42	193.27	6084.33	101.85	6116.45	127.90	6109.10
Jan-04	37.79	6081.07	193.58	6084.02	101.65	6116.65	127.89	6109.11
Feb-04	37.72	6081.14	193.59	6084.01	101.73	6116.57	127.80	6109.20
Mar-04	37.88	6080.98	193.67	6083.93	101.83	6116.47	127.60	6109.40
Apr-04	37.75	6081.11	193.43	6084.17	101.73	6116.57	127.48	6109.52
May-04	37.70	6081.16	193.46	6084.14	101.69	6116.61	127.55	6109.45
Jun-04	37.92	6080.94	193.47	6084.13	101.63	6116.67	127.60	6109.40
Jul-04	37.94	6080.92	193.38	6084.22	102.25	6116.05	127.13	6109.87
Aug-04	37.91	6080.95	193.56	6084.04	101.78	6116.52	127.17	6109.83
Sep-04	38.04	6080.82	193.54	6084.06	101.54	6116.76	127.42	6109.58
Oct-04	38.12	6080.74	193.67	6083.93	101.55	6116.75	127.30	6109.70
Nov-04	38.10	6080.76	193.61	6083.99	101.71	6116.59	127.87	6109.13
Dec-04	38.18	6080.68	193.62	6083.98	101.62	6116.68	127.58	6109.42
Jan-05	37.96	6080.90	193.43	6084.17	101.75	6116.55	127.88	6109.12
Feb-05	38.18	6080.68	193.62	6083.98	101.67	6116.63	127.67	6109.33
Mar-05	37.98	6080.88	193.65	6083.95	101.60	6116.70	127.36	6109.64
Jun-05	38.11	6080.75	193.69	6083.91	101.73	6116.57	127.60	6109.40
Sep-05	38.30	6080.56	193.76	6083.84	101.75	6116.55	127.38	6109.62
Dec-05	38.37	6080.5	193.83	6083.8	101.73	6116.6	127.43	6109.6
Mar-06	38.45	6080.4	193.90	6083.7	101.73	6116.6	127.70	6109.3
Jun-06	38.58	6080.3	194.06	6083.5	101.81	6116.5	127.74	6109.3
Sep-06	38.50	6080.4	194.14	6083.5	101.75	6116.6	127.69	6109.3
Dec-06	38.77	6080.1	194.19	6083.4	101.98	6116.3	128.16	6108.8
Mar-07	38.64	6080.2	193.96	6083.6	101.80	6116.5	127.83	6109.2
Jun-07	38.57	6080.3	194.00	6083.6	101.81	6116.5	127.88	6109.1
Sep-07	38.73	6080.1	194.11	6083.5	101.86	6116.4	128.00	6109.0
Dec-07	38.80	6080.1	194.14	6083.5	101.65	6116.7	127.97	6109.0
Mar-08	38.73	6080.1	194.12	6083.5	101.65	6116.7	127.89	6109.1
Jun-08	38.54	6080.3	193.94	6083.7	101.49	6116.8	127.96	6109.0
Sep-08	38.80	6080.1	194.08	6083.5	101.58	6116.7	128.28	6108.7
Dec-08	38.80	6080.1	194.23	6083.4	101.55	6116.8	128.14	6108.9
Mar-09	38.60	6080.3	194.02	6083.6	101.45	6116.9	128.05	6109.0
Jun-09	38.52	6080.3	193.99	6083.6	101.34	6117.0	127.96	6109.0
Sep-09	38.43	6080.4	193.53	6084.1	101.05	6117.3	127.92	6109.1
Dec-09	38.33	6080.5	193.72	6083.9	100.85	6117.5	127.70	6109.3
Mar-10	39.85	6079.0	193.77	6083.8	100.93	6117.4	127.67	6109.3
Jun-10	39.74	6079.1	193.41	6084.2	101.24	6117.1	127.81	6109.2
Sep-10	39.97	6078.9	193.67	6083.9	101.20	6117.1	127.79	6109.2
Dec-10	40.08	6078.8	193.58	6084.0	100.92	6117.4	127.83	6109.2
Mar-11	40.13	6078.7	193.48	6084.1	100.88	6117.4	127.78	6109.2
Jun-11	40.49	6078.4	193.57	6084.0	100.96	6117.3	127.81	6109.2
Sep-11	40.12	6078.7	193.71	6083.9	101.17	6117.1	128.02	6109.0
Dec-11	40.26	6078.6	193.87	6083.7	101.09	6117.2	128.20	6108.8
Mar-12	40.38	6078.5	193.78	6083.8	101.09	6117.2	128.02	6109.0

Lower Aquifer Wells Water Elevation Summary Continued

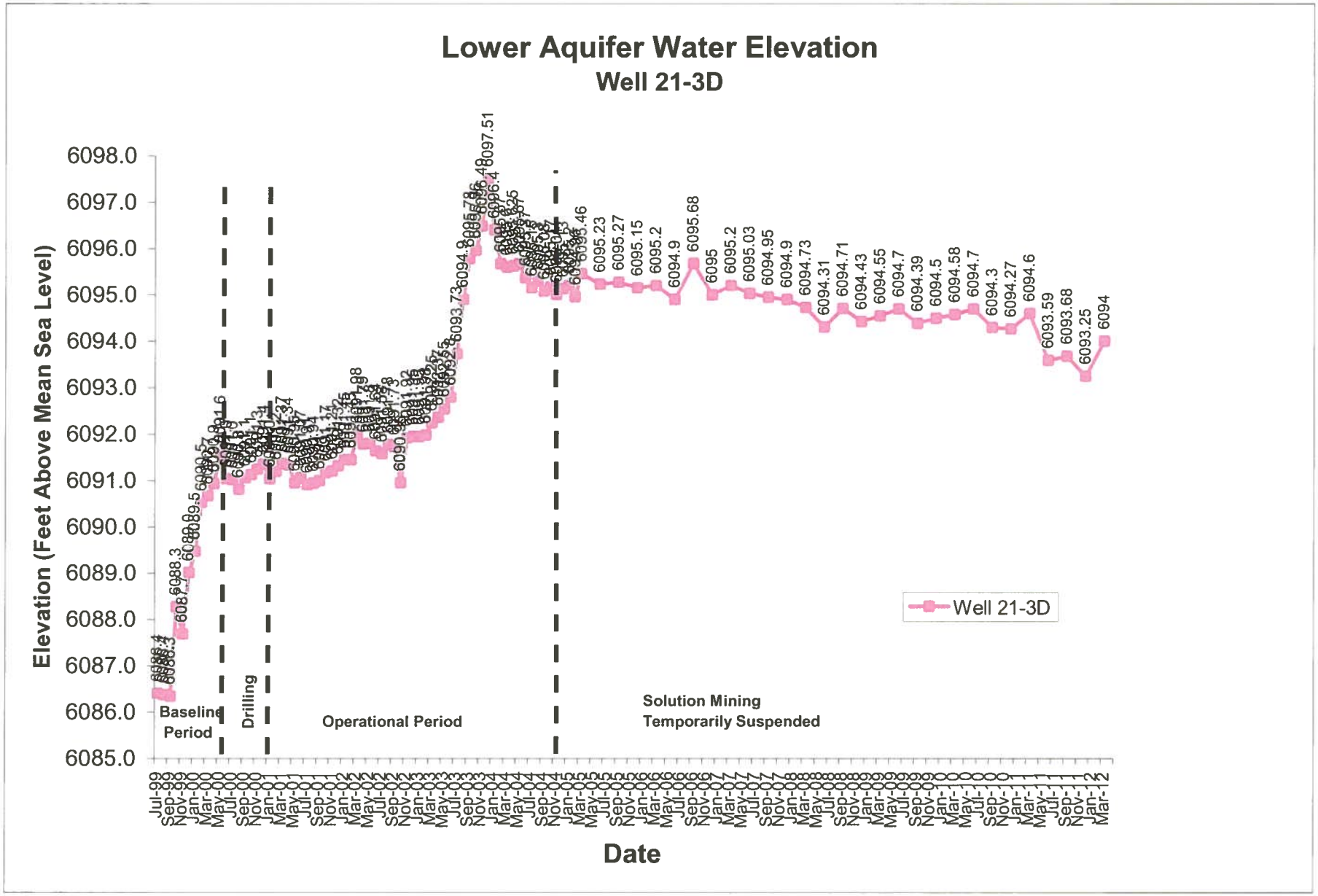
NOVEMBER 2003 - MARCH 2012

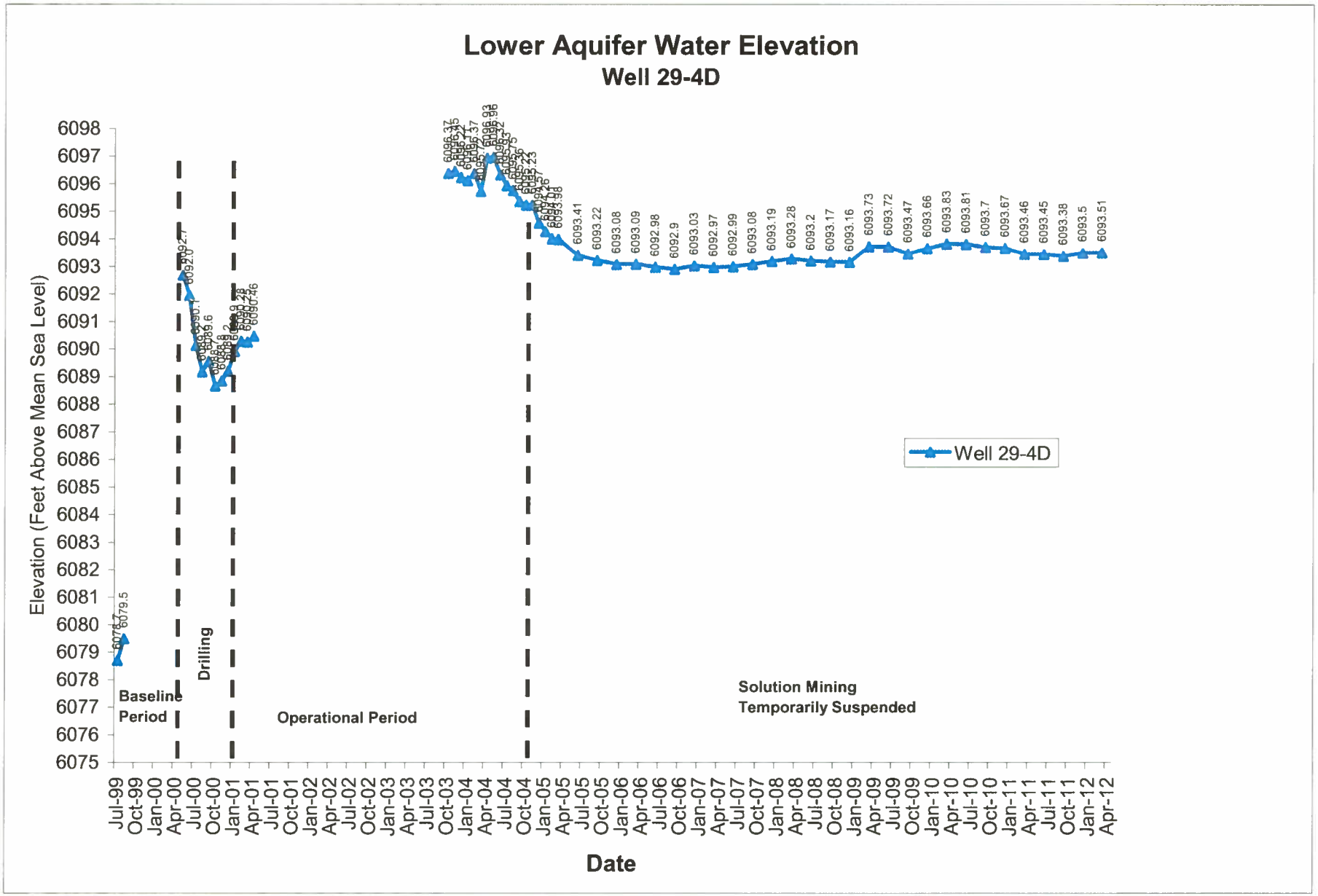
Well ID	Well 20-4B		Well 29-4B		Well 21-3D		Well 29-4D	
Installation Date	8/27/99		8/21/99		7/8/99		7/15/99	
Screened Interval (ft)	5137.62 - 5127.62		5188.7 - 5178.70		4845.9 - 4835.9		4850.4 - 4840.4	
Collar or Ground Elevation (Feet Above Mean Sea Level)	6422.6		6158.7		6118.9		6159.4	
Date Measured	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)
Nov-03	288.11	6134.49	43.75	6114.95	22.41	6096.49	62.95	6096.37
Dec-03	287.96	6134.64	43.85	6114.85	21.39	6097.51	63.18	6096.45
Jan-04	288.22	6134.38	43.80	6114.90	22.50	6096.40	63.29	6096.22
Feb-04	287.65	6134.95	43.63	6115.07	23.23	6095.67	63.03	6096.11
Mar-04	288.08	6134.52	43.82	6114.88	23.30	6095.60	63.68	6096.37
Apr-04	287.81	6134.79	43.92	6114.78	23.28	6095.63	62.47	6095.72
May-04	287.21	6135.39	43.94	6114.76	23.23	6095.67	62.44	6096.93
Jun-04	287.82	6134.78	44.03	6114.67	23.53	6095.37	63.08	6096.96
Jul-04	291.88	6130.72	43.82	6114.88	23.75	6095.15	63.47	6096.32
Aug-04	290.80	6131.80	43.89	6114.81	23.60	6095.30	63.65	6095.93
Sep-04	288.64	6133.96	44.02	6114.68	23.82	6095.08	64.04	6095.75
Oct-04	288.34	6134.26	43.90	6114.80	23.73	6095.17	64.18	6095.36
Nov-04	288.47	6134.13	44.14	6114.56	23.89	6095.01	64.17	6095.22
Dec-04	288.36	6134.24	43.92	6114.78	23.77	6095.13	64.83	6095.23
Jan-05	288.45	6134.15	44.19	6114.51	23.70	6095.20	65.14	6094.57
Feb-05	288.49	6134.11	44.11	6114.59	23.94	6094.96	65.39	6094.26
Mar-05	288.39	6134.21	44.08	6114.62	23.44	6095.46	65.42	6094.01
Jun-05	288.80	6133.80	44.27	6114.43	23.67	6091.23	65.99	6093.98
Sep-05	288.92	6133.68	44.24	6114.46	23.63	6095.27	66.18	6093.41
Dec-05	289.20	6133.40	44.35	6114.35	23.75	6095.15	66.32	6093.22
Mar-06	289.10	6133.40	44.46	6114.24	23.70	6095.20	66.31	6093.08
Jun-06	289.50	6133.10	44.58	6114.12	24.00	6094.90	66.42	6093.09
Sep-06	289.78	6132.82	44.26	6114.44	23.22	6095.68	66.50	6092.98
Dec-06	289.75	6132.85	44.14	6114.56	23.90	6095.00	66.37	6092.90
Mar-07	290.00	6132.60	44.10	6114.60	23.70	6095.20	66.43	6093.03
Jun-07	290.14	6132.46	44.19	6114.51	23.87	6095.03	66.41	6092.97
Sep-07	290.21	6132.39	44.28	6114.42	23.95	6094.95	66.32	6092.99
Dec-07	290.35	6132.25	44.25	6114.45	24.00	6094.90	66.21	6093.08
Mar-08	290.36	6132.24	44.26	6114.44	24.17	6094.73	66.12	6093.19
Jun-08	290.47	6132.13	44.30	6114.40	24.59	6094.31	66.20	6093.28
Sep-08	290.21	6132.39	44.47	6114.23	24.19	6094.71	66.23	6093.20
Dec-08	290.37	6132.23	44.67	6114.03	24.47	6094.43	66.24	6093.17
Mar-09	290.22	6132.38	44.48	6114.22	24.35	6094.55	65.67	6093.16
Jun-09	290.28	6132.32	44.42	6114.28	24.20	6094.70	65.68	6093.73
Sep-09	290.13	6132.47	44.41	6114.29	24.51	6094.39	65.93	6093.47
Dec-09	290.20	6132.40	44.37	6114.33	24.40	6094.50	65.74	6093.66
Mar-10	290.08	6132.52	44.38	6114.32	24.32	6094.58	65.57	6093.83
Jun-10	290.23	6132.37	44.40	6114.30	24.20	6094.70	65.59	6093.81
Sep-10	290.48	6132.12	44.46	6114.24	24.60	6094.30	65.70	6093.70
Dec-10	290.37	6132.23	44.39	6114.31	24.63	6094.27	65.73	6093.67
Mar-11	290.51	6132.09	44.56	6114.14	24.30	6094.60	65.94	6093.46
Jun-11	290.90	6131.70	44.66	6114.04	25.31	6093.59	65.95	6093.45
Sep-11	291.16	6131.44	44.75	6113.95	25.22	6093.68	66.02	6093.38
Dec-11	291.23	6131.37	44.69	6114.01	25.65	6093.25	65.90	6093.50
Mar-12	291.13	6131.47	44.81	6113.89	24.90	6094.00	65.89	6093.51

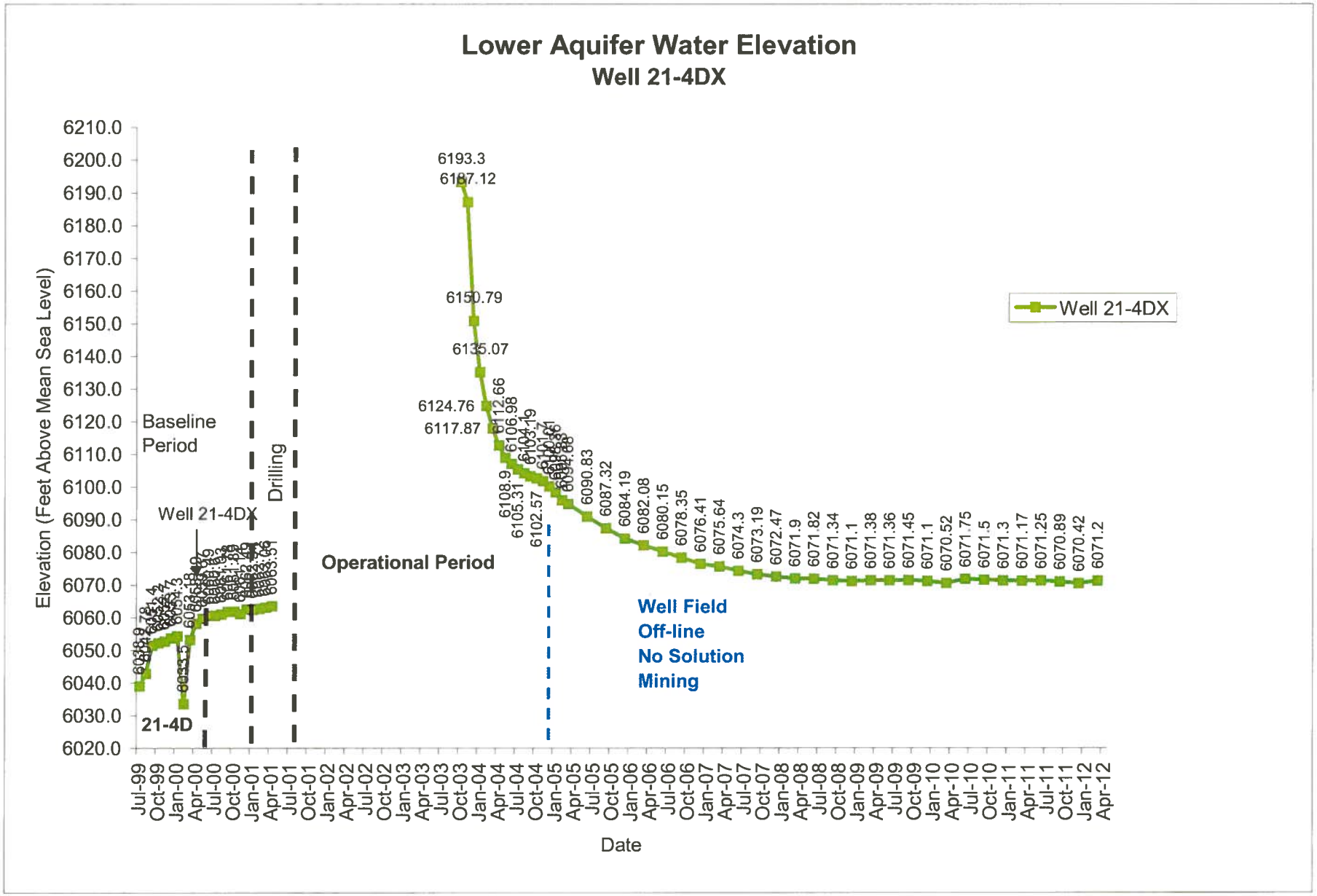
Lower Aquifer Wells Water Elevation Summary Continued

NOVEMBER 2003 - MARCH 2012

Well ID Installation Date Screened Interval (ft) Collar or Ground Elevation (Feet Above Mean Sea Level)	Well 21-4D 7/14/99 4835.6 - 4845.6 6277.6		Well 20-1 5/19/05 Pump Set @ 4882.5 6232.5		Well 21-4DX 2/25/00 4841.5 - 4851.5 6283.5			
Date Measured	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)
Nov-03	Replaced With Well 21-4DX		Well 20-1 was Plugged and Abandoned 10/23/00.		96.38	6187.12		
Dec-03					132.71	6150.79		
Jan-04					148.43	6135.07		
Feb-04					158.74	6124.76		
Mar-04					165.63	6117.87		
Apr-04					170.84	6112.66		
May-04					174.60	6108.90		
Jun-04					176.52	6106.98		
Jul-04					178.19	6105.31		
Aug-04					179.40	6104.10		
Sep-04					180.31	6103.19		
Oct-04					180.93	6102.57		
Nov-04					181.80	6101.70		
Dec-04					183.49	6100.01		
Jan-05					185.14	6098.36		
Feb-05					187.67	6095.83		
Mar-05					188.82	6094.68		
Jun-05					192.67	6090.83		
Sep-05					196.18	6087.32		
Dec-05					199.31	6084.19		
Mar-06					201.42	6082.08		
Jun-06					203.35	6080.15		
Sep-06					205.15	6078.35		
Dec-06					207.09	6076.41		
Mar-07					207.86	6075.64		
Jun-07					209.20	6074.30		
Sep-07					210.31	6073.19		
Dec-07					211.03	6072.47		
Mar-08					211.60	6071.90		
Jun-08					211.68	6071.82		
Sep-08					212.16	6071.34		
Dec-08					212.40	6071.10		
Mar-09					212.12	6071.38		
Jun-09					212.14	6071.36		
Sep-09					212.05	6071.45		
Dec-09					212.40	6071.10		
Mar-10					212.98	6070.52		
Jun-10					211.75	6071.75		
Sep-10					212.00	6071.50		
Dec-10					212.20	6071.30		
Mar-11					212.3	6071.2		
Jun-11					212.3	6071.3		
Sep-11					212.6	6070.9		
Dec-11					213.1	6070.4		
Mar-12					212.3	6071.2		


Lower Aquifer Water Elevation
Well 21-3D
Elevation (Feet Above Mean Sea Level)
6098.0
6097.0
6096.0
6095.0
6094.0
6093.0
6092.0
6091.0
6090.0
6089.0
6088.0
6087.0
6086.0
6085.0
Baseline Period
Drilling
Operational Period
Solution Mining Temporarily Suspended
Well 21-3D
Date


Lower Aquifer Water Elevation
Well 29-4D
Elevation (Feet Above Mean Sea Level)
Date
Well 29-4D
Baseline Period
Drilling
Operational Period
Solution Mining Temporarily Suspended


Lower Aquifer Water Elevation
Well 21-4DX
Elevation (Feet Above Mean Sea Level)
Date
Well 21-4DX
Baseline Period
Drilling
Operational Period
Well Field Off-line No Solution Mining
21-4D
6193.3
6187.12
6150.79
6135.07
6124.76
6117.87
6108.9
6105.31
6102.57
6090.83
6087.32
6084.19
6082.08
6080.15
6078.35
6076.41
6075.64
6074.3
6073.19
6072.47
6071.9
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6071.1
6070.52
6071.75
6071.5
6071.3
6071.17
6071.25
6070.89
6070.42
6071.2