AMERICAN SODA, LLP

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DIVISION OF
RECLAMATION MINING & SAFETY

YANKEE GULCH
SODIUM MINERALS PROJECT

July 1, 2015 through September 30, 2015

60th 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,
RECLAMATION, 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

October 28, 2015

DMG – Travis Marshall (3/6)

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Customer Service Toll Free 866. 4 BICARB • Fax 970.285.0488 • www.americansoda.com

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AMERICAN SODA, L.L.P.

David Valvoda
Plant Manager

2717 County Road 215
Parachute, CO 81635

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

Thursday, October 29, 2015

ENV025.15

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 is one bound copy of American Soda's 60th Quarterly Report in compliance with Hard Rock Mining Operation Permit No. M-99-002. One unbound copy of the document will also be sent to the Denver office of CDRMS to the attention of Michelle Ramirez for electronic scanning. These documents include environmental ground water monitoring data collected and compiled during our 60th quarter of operations (September 2015). 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 60th 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 data 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.

Work to complete the plugging and abandonment of all remaining production wells was completed in September and October 2015 as shown in the following table summary:

Production Well	Status	Comment
20-19	Both Strings Plugged and Abandoned	Short String Plugged and Abandoned 10/8/2015 Long String Plugged and Abandoned 9/11/2008
20-36	Both Strings Plugged and Abandoned	Short String Plugged and Abandoned 10/15/2015 Long String Plugged and Abandoned 10/13/2015
20-74	Both Strings Plugged and Abandoned	Short String Plugged and Abandoned 9/24/2015 Long String Plugged and Abandoned 9/29/2015
29-27	Both Strings Plugged and Abandoned	Short String Plugged and Abandoned 9/21/2015 Long String Plugged and Abandoned 9/16/2015
29-29	Both Strings Plugged and Abandoned	Short String Plugged and Abandoned 10/21/2015 Long String Plugged and Abandoned 10/19/2015

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

Enclosures: 60th Quarter Ground Water Monitoring Report – Temporary Abandonment Status – Modification #9 EPA Permit No. CO3858-00000
July 1, 2015 through September 30, 2015

Cc: Kent Walter, BLM enclosures,
Nathan Wiser, EPA enclosures

Executive Summary

American Soda, L.L.P. is submitting this 60th 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 July 1, 2015 through September 30, 2015. 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 - SEPTEMBER 30, 2015

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 - JUNE 30, 2015					
Sample Date	3/9/2015	6/7/2015	9/14/2015	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	0.61	0.67	0.61	None	0.94	0.75	Agricultural	15	0	0.72	0.52	0.605	0.056	95	0	0.72	0.51	0.63	0.042
Calcium, dissolved	94	93.7	89.9	None	None	None	None	15	0	77.5	52.7	68.4	7.2	95	0	99.1	51.9	82.9	8.6
Iron, dissolved	<0.1	<0.1	<0.1	None	None	0.3	Secondary Drinking Water	15	9	0.12	0.005	0.027	0.033	95	70	0.32	0.005	0.046	0.046
Lithium, dissolved	<0.04	0.04	0.05	None	2.5	2.5	Agricultural	15	15	0.05	0.02	0.026	0.012	95	76	0.1	0.02	0.043	0.014
Magnesium, dissolved	413	396	390	None	None	None	None	15	0	340	224	282.6	32.3	95	0	456	200	355.1	44.4
Potassium, dissolved	5.0	5.0	5.0	None	5.21	None	None	15	0	4	2.9	3.5	0.4	95	0	9	2	3.9	0.9
Silica, dissolved	25	26	25	None	35.96	None	None	15	0	28	20.8	24.6	2.2	95	0	29	21.2	26.3	1.2
Sodium, dissolved	1010	1010	967	None	1294	None	None	15	0	961	659	830.3	77.7	95	0	1100	673	949	84
Bicarb as CaCO3	1240	1160	1200	None	None	None	None	15	0	1130	985	1055	37	95	0	1550	865	1098	90
Carbonate as CaCO3	<2	<2	<2	None	None	None	None	15	15	10	1	5	5	95	81	95	-2	8	19.30
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	10	1	5	5	95	95	1	-2	1	0.31
Total Alkalinity	1240	1160	1200	None	1290	None	None	15	0	1130	985	1055	37	95	0	1550	865	1105	88
Cation-Anion Balance %	-1.8	-1.8	-6					15	12	22.9	-8.4	-1.2	7.1	95	62	13.8	-8.55	-0.8	3.5
Sum of Anions meq/L	86	85	89					15	0	73.4	37.9	65.19	8.53	95	0	90.15	54.6	76.48	7.09
Sum of Cations meq/L	83	82	79					15	0	73.6	50.3	63.36	6.33	95	0	89	50.4	75.25	7.42
Chloride	95	74.8	85.1	None	None	250	Secondary Drinking Water	15	0	83	53	73	8	95	0	95	4.7	76	11
Cond @ 25C (umhos/cm)	6250	6120	5830	None	7324	None	None	15	0	5390	3640	4832	449	95	0	6500	4090	5474	525
Fluoride	0.71	0.71	0.63	None	2	2	Agricultural	14	0	0.9	0.7	0.8	0.08	95	0	1.2	0.4	0.7	0.12
pH (units)	8.2	8.2	8.2	None	None	6.5 - 8.5	Secondary Drinking Water	15	0	8.3	7.5	7.8	0.2	95	0	8.5	6.9	8.0	0.3
Total Dissolved Solids	5230	5030	5000	None	5407	4948	TDS Water Quality Standards	15	0	4380	3450	3958	248	95	0	5460	3260	4627	430
Sulfate	2790	2820	2960	None	None	250	Secondary Drinking Water	15	0	2350	710	2000	393	95	0	3090	1600	2483	277
TDS (calc)	5200	5150	5260					15	0	4480	2570	3921	474	95	0	5460	3250	4651	422
TDS ratio	1.01	0.98	0.95					15	0	1.5	0.92	1.02	0.14	95	0	1.16	0.9	0.996	0.05
Temperature	10.8	12.4	12.5					15	0	17.1	10.3	14.0	2.2	95	0	16.6	7.8	11.6	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 - SEPTEMBER 30, 2015

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 - JUNE 30, 2015					
Sample Date	3/9/2015	6/7/2015	9/14/2015	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	0.14	0.14	None	0.75	0.75	Agricultural	15	0	0.2	0.15	0.162	0.017	95	0	0.17	0.1	0.15	0.012
Calcium, dissolved	120	120	120	None	None	None	None	15	0	139	100	124.8	9.0	95	0	145	114	125.2	5.4
Iron, dissolved	0.29	0.29	0.29	None	None	0.3	Secondary Drinking Water	15	0	0.89	0.05	0.602	0.265	95	0	1.63	0.062	0.686	0.200
Lithium, dissolved	0.09	0.09	0.09	None	2.5	2.5	Agricultural	15	2	0.12	0.05	0.089	0.014	95	3	0.5	0.05	0.093	0.043
Magnesium, dissolved	151	151	151	None	None	None	None	15	0	177	156	162.2	6.1	95	0	185	146	160.9	7.3
Potassium, dissolved	1.6	1.6	1.6	None	3.11	None	None	15	2	2	1	1.5	0.2	95	3	2.7	1	1.5	0.24
Silica, dissolved	47.9	47.9	47.9	None	82.06	None	None	15	0	57.3	34.9	50.9	5.4	95	0	66	47.9	53.8	2.56
Sodium, dissolved	208	208	208	None	425	None	None	15	0	600	201	247.8	101.1	95	0	247	180	212	12
Bicarb as CaCO3	902	902	902	None	None	None	None	15	0	1810	791	970	248	95	0	1050	645	866	60
Carbonate as CaCO3	<2	<2	<2	None	None	None	None	15	15	10	1	5	5	95	95	1	-2	1	0
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	10	1	5	5	95	95	1	-2	1	0
Total Alkalinity	902	902	902	None	1493	None	None	15	0	1810	791	970	248	95	0	1050	645	866	60
Cation-Anion Balance %	-1.8	-1.8	-1.8					15	5	5	-4.7	0.02	2.8	95	44	10.2	-7.9	0.5	3.2
Sum of Anions meq/L	29	29	29					14	0	33.9	27.3	29.84	1.88	95	0	32.6	25.3	28.67	1.28
Sum of Cations meq/L	28	28	28					14	0	34.7	27.7	29.67	1.84	95	0	33	26.3	28.93	1.10
Chloride	14.5	14.5	14.5	None	None	250	Secondary Drinking Water	15	0	23	10	13	3	95	0	18	6.2	14	2
Cond @ 25C (umhos/cm)	2280	2280	2280	None	3154	None	None	15	0	22300	2090	3684	5164	95	0	2395	565	2157	193
Fluoride	0.31	0.31	0.31	None	2.0	2.0	Agricultural	15	0	0.5	0.3	0.4	0.1	95	1	18	0.05	0.5	1.8
pH (units)	7.9	7.9	7.9	None	None	6.5 - 8.5	Secondary Drinking Water	15	0	8	6.4	7.1	0.4	95	0	8.2	5.5	7.5	0.5
Total Dissolved Solids	1580	1580	1580	None	2060	2076	TDS Water Quality Standards	15	0	2550	1510	1661	253	95	0	1700	1460	1580	38
Sulfate	516	516	516	None	None	250	Secondary Drinking Water	15	0	550	530	536	7	95	0	750	400	521	36
TDS (calc)	1620	1620	1620					15	0	2550	1560	1725	242	95	0	1740	1500	1614	46
TDS ratio	0.98	0.98	0.98					15	0	1.01	0.93	0.96	0.02	95	0	1.08	0.88	0.981	0.04
Temperature	11.3	11.3	11.3					15	0	18.1	8.7	12.1	2.5	95	0	17.1	6.9	11.8	2.2

* 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 - SEPTEMBER 30, 2015

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 - JUNE 30, 2015					
Sample Date	3/10/2015	6/7/2015	9/14/2015	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	0.43	0.41	0.43	None	0.75	0.75	Agricultural	15	0	0.43	0.36	0.389	0.017	95	0	0.44	0.19	0.39	0.029
Calcium, dissolved	50.1	48.8	49.8	None	None	None	None	15	0	56.3	51.2	53.0	1.4	95	0	58.7	38.3	52.6	2.6
Iron, dissolved	0.1	0.1	0.1	None	None	0.3	Secondary Drinking Water	15	0	0.23	0.06	0.173	0.048	95	0	0.5	0.07	0.140	0.058
Lithium, dissolved	0.059	0.06	0.07	None	2.5	2.5	Agricultural	15	0	0.07	0.05	0.061	0.005	95	0	0.08	0.03	0.063	0.0065
Magnesium, dissolved	116	111	113	None	None	None	None	15	0	135	122	128.0	3.0	95	0	137	61.2	122.8	9.2
Potassium, dissolved	2.1	2	2.2	None	3.86	None	None	15	1	2.3	1	2.0	0.3	95	0	3.5	1	2.1	0.3
Silica, dissolved	27.4	26.8	26.9	None	31.84	None	None	15	0	29.3	27	28.0	0.7	95	0	31.1	26	28.1	1.1
Sodium, dissolved	493	493	493	None	498	None	None	15	0	456	418	442.7	11.5	95	0	529	356	475	25
Bicarb as CaCO3	1020	947	981	None	None	None	None	15	0	975	801	858	45	95	0	1170	656	885	67
Carbonate as CaCO3	<2	48.5	24.7	None	None	None	None	15	14	20	1	5	6	95	61	108	1	17	25
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	10	1	4	4	95	95	1	1	1	0
Total Alkalinity	1020	996	1010	None	1167	None	None	15	0	975	801	860	44	95	0	1250	656	899	73
Cation-Anion Balance %	-4.2	-4.3	-1.4					15	7	3.35	-2.8	0.3	1.6	95	48	9.1	-10.4	-0.3	2.7
Sum of Anions meq/L	37	36	35					14	0	35.75	32	33.01	1.00	95	0	39.4	30	33.98	1.37
Sum of Cations meq/L	34	33	34					14	0	33.8	31.2	32.86	0.69	95	0	36.7	25.5	33.64	1.74
Chloride	36.7	36.5	36.3	None	250	250	Secondary Drinking Water	14	0	37	25	30	3	95	0	38	6.7	33	4
Cond @ 25C (umhos/cm)	2840	2830	2730	None	3331	None	None	15	0	2690	2110	2572	148	95	0	2980	1270	2674	198
Fluoride	1.47	1.5	1.48	None	2	2	Agricultural	14	0	1.5	1.2	1.4	0.1	95	0	1.85	0.1	1.4	0.2
pH (units)	8.2	8.4	8.3	None	None	6.5 - 8.5	Secondary Drinking Water	15	0	8.3	7.6	7.9	0.2	95	0	8.7	7.1	8.1	0.3
Total Dissolved Solids	1910	1980	1950	None	2116	2319	TDS Water Quality Standards	15	0	1940	1780	1855	45	95	0	2050	1870	1944	36
Sulfate	750	712	671	None	None	250	Secondary Drinking Water	15	0	730	700	709	10	95	0	777	580	714	47
TDS (calc)	2110	2050	2010					15	0	2010	1880	1916	37	95	0	2170	1730	1978	61
TDS ratio	0.91	0.97	0.97					14	0	1	0.95	0.97	0.02	95	0	1.1	0.89	0.985	0.03
Temperature	9.8	14.2	13.5					15	0	15.5	8.1	12.2	1.9	95	0	17.6	8.3	12.0	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 - SEPTEMBER 30, 2015

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 - MARCH 30, 2015					
Sample Date	3/1/2015	6/1/2015	9/1/2015	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	1st	2nd	3rd	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	2015	2015	2015	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 Water	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 Water	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 Water	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 - SEPTEMBER 30, 2015

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 - JUNE 30, 2015					
Sample Date	3/8/2015	5/31/2015	9/13/2015	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	3	2.9	None	4.17	0.75	Agricultural	15	0	3.4	2.7	3.119	0.182	95	0	4.3	0.3	2.96	0.352
Calcium, dissolved	5	7	5	None	None	None	None	15	0	8	5	5.5	0.9	95	0	15	2.3	5.6	1.7
Iron, dissolved	<0.2	0.3	<0.2	None	None	0.3	Secondary Drinking Water	15	1	1.8	0.05	0.868	0.637	95	17	4.3	0.05	0.501	0.608
Lithium, dissolved	0.68	0.7	0.69	None	2.5	2.5	Agricultural	15	0	0.8	0.6	0.746	0.066	95	1	0.9	0.1	0.707	0.087
Magnesium, dissolved	9	11	10	None	None	None	None	15	0	10	7	8.2	0.7	95	1	26	2	8.3	2.3
Potassium, dissolved	9	9	9	None	17.01	None	None	15	0	11	6	9.0	1.3	95	2	17	1.5	8.5	1.9
Silica, dissolved	12	12	12	None	24.63	None	None	15	0	18	12	13.3	1.7	95	1	20	11	12.5	1.4
Sodium, dissolved	4920	4760	4760	None	6265	None	None	15	0	5580	4960	5270.8	203.3	95	0	5580	4540	5076	219
Bicarb as CaCO3	11200	10800	11100	None	None	None	None	15	0	11600	7120	10189	1111	95	0	11700	8800	10758	570
Carbonate as CaCO3	<2	<2	459	None	None	None	None	15	14	3120	1	302	848	95	66	1050	1	113	205
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	62	50	95	95	1	-2	1	0
Total Alkalinity	11200	10800	11600	None	13788	None	None	15	0	11600	9620	10426	624	95	0	11700	8800	10868	513
Cation-Anion Balance %	-4.6	-4.3	-7.7	N/A	N/A			15	4	6.8	-3.3	2.2	3.0	95	67	8	-7.9	-1.5	3.1
Sum of Anions meq/L	239	230	246	N/A	N/A			15	0	250	209	223.15	12.93	95	0	250	191	231.63	10.05
Sum of Cations meq/L	218	211	211	N/A	N/A			15	0	247	219	233.15	9.06	95	0	424	201	226.57	22.55
Chloride	457	443	469	None	None	250	Secondary Drinking Water	15	0	530	430	461	27	95	0	520	380	456	23
Cond @ 25C (umhos/cm)	16500	15700	15700	None	20957	None	None	15	0	17200	13800	15992	798	95	0	17500	8080	15660	1143
Fluoride	23.9	23.4	23.6	None	40.95	2	Agricultural	15	0	31	22	25.4	2.5	95	0	30.3	20	24.4	1.7
pH (units)	8.4	8.3	8.5	None	None	6.5 - 8.5	Secondary Drinking Water	15	0	8.5	7.7	8.0	0.3	95	0	8.85	7.8	8.2	0.3
Total Dissolved Solids	12000	11800	12800	None	14305	None	TDS Water Quality	15	0	13200	12300	12654	250	95	0	13000	11200	12442	324
Sulfate	65.8	<1	<10	None	None	250	Secondary Drinking Water	15	13	200	5	32	54	94	76	250	0	14	35
TDS (calc)	12300	11900	12300	N/A	N/A			15	0	13300	11500	12154	590	95	0	13100	1210	12052	1190
TDS ratio	0.98	0.99	1.04	N/A	N/A			15	0	1.12	0.94	1.04	0.05	93	0	1.15	0.9	1.024	0.04
Temperature	7.8	11.1	12.8	None	None			15	0	16.6	9.7	12.4	2.1	93	0	20	8.2	11.5	1.8

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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 OPERATIONAL PHASE 1
DATA SUMMARY GROUND WATER WELL 21-3U
JULY 1, 1999 - SEPTEMBER 30, 2015

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 - JUNE 30, 2015					
Sample Date	3/9/2015	6/7/2015	9/14/2015	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	2.9	2.9	3.0	3.64	None	0.8	Agricultural	15	0	7	2.8	3.25	1.04	95	0	4.1	1.5	2.93	0.28
Calcium, dissolved	5	6	5	None	None	None	None	15	2	15	2	6.7	2.7	95	0	50	1.8	5.8	4.8
Iron, dissolved	<0.2	0.2	<0.2	None	None	0.3	Secondary Drinking	15	0	1.2	0.08	0.40	0.270	95	39	0.9	0.03	0.17	0.13
Lithium, dissolved	0.73	0.76	0.78	2.5	None	2.5	Agricultural	15	0	1.4	0.7	0.827	0.174	95	0	0.9	0.4	0.77	0.09
Magnesium, dissolved	14	16	15	None	None	None	None	15	0	20	6	15.60	3.38	95	0	19	6	13.37	1.97
Potassium, dissolved	10	10	10	21.63	None	None	None	15	0	64	13	24.37	13.46	95	2	53	1.5	10.58	4.90
Silica, dissolved	11	11	11	24.61	None	None	None	15	0	83	10	18.23	18.49	95	0	14	5	11.11	1.03
Sodium, dissolved	5710	5770	5780	6961.72	None	None	None	15	0	13100	5530	6356	1873	95	0	7040	4850	5986.3	310.3
Bicarb as CaCO3	12900	13050	12500	None	None	None	None	15	0	22700	9770	12688	2881	95	0	14000	10100	12868	606
Carbonate as CaCO3	<2	<2	<2	None	None	None	None	15	14	6900	1	507	1769	95	91	319	1	11.48	53.05
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	53.80	51.12	95	95	1.5	1	1.01	0.05
Total Alkalinity	12900	13050	12500	17545.33	None	None	None	15	0	29600	9770	13148	4620	95	0	14000	10100	12879	601
Cation-Anion Balance %	-4.2	-4.2	-1.7					15	7	9.7	-3.2	1.53	3.11	94	74	12.5	-10.8	-2.01	3.75
Sum of Anions meq/L	275	278	265					15	0	633	213	282.6	98.3	95	0	345	220	275.93	14.17
Sum of Cations meq/L	253	256	256					15	0	578	245	281.9	82.2	95	0	312	215	265.1	13.8
Chloride	557	553	510	None	None	250	Secondary Drinking Water	15	0	1160	560	629	151	95	0	690	93	570	62
Cond @ 25C (umhos/cm)	19000	18850	17800	21645.81	None	None	None	15	0	37500	16800	19700	4955	95	0	20700	1860	18119	2165
Fluoride	21	20.9	21.6	60.32	None	2	Agricultural	15	0	38.1	18	23.39	4.83	95	0	43.5	19	22.34	3.337
pH (units)	8.3	8.3	8.5	None	None	6.5 - 8.5	Secondary Drinking	15	0	9	7.7	8.02	0.34	95	0	8.6	7.6	8.13	0.24
Total Dissolved Solids	13400	13700	12700	15741	None	None	TDS Water Quality	15	0	34100	14200	15807	5065	95	0	15300	12400	14539	381
Sulfate	<20	<10	<10	None	None	250	Secondary Drinking	15	5	300	5	45.0	75.2	95	72	3670	0.5	60.0	385.0
TDS (calc)	14200	14350	14000					15	0	35200	12400	15167	5563	95	0	18100	12100	14416	602
TDS ratio	0.94	0.96	0.91					15	0	1.16	0.97	1.05	0.05	95	0	1.11	0.81	1.01	0.04
Temperature	11.1	10.4	11.8					15	0	19.1	7.9	13.00	3.24	95	0	16.8	7.7	11.89	1.94

* 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 - SEPTEMBER 30, 2015

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 - JUNE 30, 2015					
Sample Date	3/23/2015	6/15/2015	9/27/2015	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	0.24	0.25	0.25	None	None	0.75	Agricultural	15	0	0.36	0.29	0.315	0.023	95	0	0.36	0.23	0.27	0.018
Calcium, dissolved	4.6	5	4.7	None	None	None	None	15	0	7.7	3.1	4.2	1.0	95	0	5	2.6	3.7	0.7
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	95	31	0.09	-0.02	0.026	0.018
Lithium, dissolved	0.059	0.056	0.05	None	None	2.5	Agricultural	15	0	0.13	0.06	0.070	0.018	95	1	0.6	0.05	0.065	0.056
Magnesium, dissolved	9.1	9.5	9.3	None	None	None	None	15	0	8.9	4.3	6.0	1.6	95	0	10.1	4	6.7	1.7
Potassium, dissolved	0.7	0.7	0.7	None	None	None	None	15	0	6	2	2.7	1.2	95	0	1.9	0.5	1.0	0.3
Silica, dissolved	12.5	12.9	12.7	None	None	None	None	15	0	34.9	15.2	20.5	4.3	95	0	20.5	12	15.7	2.2
Sodium, dissolved	266	269	276	None	None	None	None	15	0	1480	409	585.5	257.5	95	0	474	259	336	52
Bicarb as CaCO3	497	426	427	None	None	None	None	15	0	1500	400	644	279	95	0	612	301	441	67
Carbonate as CaCO3	<2	52.2	59.3	None	None	None	None	15	0	740	110	213	162	95	2	161	-2	88	26
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	10	1	5	5	95	95	1	-2	1	0
Total Alkalinity	497	479	486	None	None	None	None	15	0	2240	640	857	400	95	0	703	386	529	70
Cation-Anion Balance %	-3.7	-3.7	-3.7					15	5	6.7	-5.1	1.5	3.1	95	49	15.8	-5.9	0.2	3.2
Sum of Anions meq/L	14	14	14.0					15	0	62.8	19.9	25.71	10.80	95	0	21.2	11.8	15.53	2.16
Sum of Cations meq/L	13	13	13.0					15	0	66.2	18.7	26.57	11.44	95	0	21.6	12.3	15.58	2.17
Chloride	12.5	12.3	13.2	None	None	250	Secondary Drinking Water	15	0	510	104	167	103	95	0	121	12.3	38	27
Cond @ 25C (umhos/cm)	1280	1240	1280	None	None	None	None	15	0	5780	1760	2309	996	95	0	1850	1060	1387	177
Fluoride	7.77	7.24	7.94	None	None	2	Agricultural	15	0	11	6	7.7	1.2	95	0	11	6.3	8.3	0.8
pH (units)	8.2	8.7	8.8	None	None	6.5 - 8.5	Secondary Drinking Water	15	0	9.5	8.7	9.1	0.2	95	0	9.3	8.2	9.0	0.2
Total Dissolved Solids	762	754	746	None	None	1826	TDS Water Quality Standards	15	0	3430	1070	1461	575	95	0	1160	730	887	121
Sulfate	158	160	167	None	None	250	Secondary Drinking Water	15	0	200	150	165	11	95	0	188	145	163	8
TDS (calc)	778	772	791					15	0	3820	1190	1559	650	95	0	1240	698	922	127
TDS ratio	0.98	0.98	0.94					15	0	0.98	0.88	0.94	0.03	95	0	1.09	0.9	0.963	0.04
Temperature	12.5	12.5	13.5					15	0	17.5	10.9	12.8	1.9	95	0	16.9	7.8	11.8	1.9

* 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 - SEPTEMBER 30, 2015

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 - JUNE 30, 2015					
Sample Date	3/10/2015	6/8/2015	9/20/2015	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	0.45	0.46	0.43	None	0.75	0.75	Agricultural	15	0	0.49	0.28	0.413	0.059	95	0	0.61	0.2	0.45	0.052
Calcium, dissolved	10.8	10.6	9.9	None	None	None	None	15	0	40	13.8	18.6	7.6	95	0	17	8	11.4	1.8
Iron, dissolved	<0.02	<0.04	<0.04	None	None	0.3	Secondary Drinking Water	15	6	0.28	0.01	0.080	0.090	95	39	1.7	0.01	0.105	0.206
Lithium, dissolved	0.11	0.11	0.11	None	2.5	2.5	Agricultural	15	1	0.2	0.05	0.134	0.036	95	5	0.2	0.02	0.132	0.032
Magnesium, dissolved	28	26.6	25.6	None	None	None	None	15	0	73	33.9	41.5	10.8	95	0	42	22.9	30.4	4.2
Potassium, dissolved	1.8	1.9	2	None	3.32	None	None	15	1	2.1	1	1.9	0.3	95	11	3.5	1	1.8	0.5
Silica, dissolved	15.8	17.1	15.5	None	27.97	None	None	15	0	28	11.9	15.5	4.2	95	0	18.5	6.7	15.1	2.3
Sodium, dissolved	1300	1310	1260	None	2534	None	None	15	0	1640	831	1396.4	212.5	95	0	1790	844	1449	147
Bicarb as CaCO3	2990	3000	2990	None	None	None	None	15	0	3790	2020	3212	492	95	0	4320	1846	3362	395
Carbonate as CaCO3	<2	<2	<2	None	None	None	None	15	13	400	1	45	110	95	82	398	1	16	60
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	12	25	95	95	10	-2	1	1
Total Alkalinity	2990	3000	2990	None	5746	None	None	15	0	3790	2020	3250	479	95	0	4320	1846	3377	388
Cation-Anion Balance %	-4	-2.4	-4.9					15	13	4.1	-7.4	-3.0	3.1	95	78	6.3	-18.8	-3.8	4.6
Sum of Anions meq/L	65	64	64.0					15	0	80.7	47	69.96	9.10	95	0	94.5	41.15	72.27	8.25
Sum of Cations meq/L	60	61	58.0					15	0	76.2	44.6	65.88	8.34	95	0	82.5	40.55	66.91	6.75
Chloride	136	122	117	None	None	250	Secondary Drinking Water	15	0	165	83	127	23	95	0	154	42	126	14
Cond @ 25C (umhos/cm)	4970	5110	4920	None	8444	None	None	15	0	6190	4150	5695	530	95	0	6630	2590	5375	646
Fluoride	8.72	8.69	8.5	None	17.3	2	Agricultural	15	0	11	5.3	8.4	1.4	95	0	11.2	0.2	9.1	1.1
pH (units)	8.2	8.4	8.4	None	None	6.5 - 8.5	Secondary Drinking Water	15	0	8.4	7.6	7.8	0.2	95	0	9.3	7.6	8.2	0.3
Total Dissolved Solids	3180	3230	3310	None	5878	4598	TDS Water Quality Standards	15	0	4110	2510	3678	431	95	0	4300	3180	3736	270
Sulfate	39.3	16.7	22	None	None	250	Secondary Drinking Water	15	0	190	10	45	51	95	11	110	0.5	28	18
TDS (calc)	3370	3350	3290					15	0	4150	2470	3624	443	95	0	4620	2165.5	3701	385
TDS ratio	0.94	0.96	1.01					15	0	1.09	0.95	1.02	0.04	95	0	3.84	0.85	1.033	0.30
Temperature	12.5	12.6	12.9					15	0	17.9	9.3	13.2	2.1	95	0	21.5	8	12.8	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 20-10

JULY 1, 1999 - SEPTEMBER 30, 2015

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 - JUNE 30, 2015					
Sample Date	3/22/2014	6/14/2015	9/21/2015	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	0.18	0.19	0.18	None	None	0.75	Agricultural	15	0	0.22	0.18	0.203	0.011	95	0	0.22	0.18	0.19	0.009
Calcium, dissolved	9.3	10.1	8.7	None	None	None	None	15	0	17.3	5	10.9	4.4	95	0	15	5.5	10.7	2.3
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	95	73	0.15	0.005	0.014	0.020
Lithium, dissolved	0.075	0.073	0.074	None	None	2.5	Agricultural	15	2	0.09	0.05	0.073	0.012	95	1	0.13	0.06	0.078	0.009
Magnesium, dissolved	21.5	22.1	20.8	None	None	None	None	15	0	37.8	17	26.7	7.3	95	0	33.7	16.3	25.0	4.1
Potassium, dissolved	1	0.8	1	None	None	None	None	15	2	1.6	0.6	1.2	0.3	95	1	6	0.15	1.1	0.6
Silica, dissolved	16.1	16.5	16	None	None	None	None	15	0	20.1	17.1	18.7	0.8	95	0	21.7	16	18.4	1.5
Sodium, dissolved	276	275	275	None	None	None	None	15	0	694	303	510.3	131.6	95	0	631	3.5	359	91
Bicarb as CaCO3	586	560	506	None	None	None	None	15	0	1230	588	845	230	95	0	1180	428	621	141
Carbonate as CaCO3	<2	<2	59.9	None	None	None	None	15	3	390	1	98	96	95	8	125	1	55	27
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	10	1	4	4	95	95	1	1	1	0
Total Alkalinity	586	560	566	None	None	None	None	15	0	1315	611	942	278	95	0	1280	358	672	154
Cation-Anion Balance %	-6.7	0	-6.7					15	4	16.3	-20.9	2.8	9.0	95	52	10.9	-10.2	0.1	3.9
Sum of Anions meq/L	16	15	16					14	0	31.5	17.4	24.49	5.05	95	0	28.8	13.9	18.44	2.92
Sum of Cations meq/L	14	15	14					14	0	32.2	16.3	25.85	4.95	95	0	29.6	14	18.57	3.56
Chloride	30.5	27.5	36.4	None	None	250	Secondary Drinking Water	14	0	180	33	89	42	95	0	141	24	53	22
Cond @ 25C (umhos/cm)	1410	1370	1360	None	None	None	None	15	0	2650	1380	2045	444	95	0	2560	1270	1585	237
Fluoride	6.84	6.39	6.38	None	None	2	Agricultural	14	0	10	5.8	8.6	1.1	95	0	10.9	6.3	7.6	1.0
pH (units)	8.1	8.2	8.7	None	None	6.5 - 8.5	Secondary Drinking Water	15	0	8.9	8.2	8.5	0.2	95	0	8.9	7.8	8.6	0.2
Total Dissolved Solids	846	842	826	None	None	1691	TDS Water Quality Standards	15	0	1780	950	1353	259	95	0	1610	820	1026	183
Sulfate	147	148	150	None	None	250	Secondary Drinking Water	15	0	190	10	112	58	95	0	330	20	145	45
TDS (calc)	870	855	863					15	0	1770	959	1379	267	95	0	1560	821	1050	164
TDS ratio	0.97	0.98	0.96					14	0	1.12	0.73	0.99	0.10	95	0	1.1	0.84	0.975	0.05
Temperature	12.5	12.5	12.3					15	0	16.7	10.3	13.3	2.1	94	0	16.9	6.3	11.8	1.7

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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 21-3A
JULY 1, 1999 - SEPTEMBER 30, 2015

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 - JUNE 30, 2015					
Sample Date	3/9/2015	6/7/2015	9/14/2015	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	4.6	4.7	4.8	5.68	None	0.75	Agricultural	15	0	5.8	3.7	4.333	0.455	95	0	5.9	2.76	4.59	0.456
Calcium, dissolved	10	11	10	None	None	None	None	15	1	16	2	4.3	3.4	95	0	19	2	7.0	3.4
Iron, dissolved	1	1.1	1.1	None	None	0.3	Secondary Drinking Water	15	0	1.5	0.1	0.361	0.345	95	3	1.8	0.0015	0.760	0.420
Lithium, dissolved	0.98	1	1.02	2.5	None	2.5	Agricultural	15	0	1.5	1	1.253	0.164	95	0	1.4	0.6	1.038	0.126
Magnesium, dissolved	13	14	14	None	None	None	None	15	0	8	3	5.0	1.7	95	3	18	1	9.1	4.5
Potassium, dissolved	14	14	14	36.22	None	None	None	15	0	35	18	25.3	4.2	95	2	52	1.5	18.4	5.8
Silica, dissolved	26	28	27	150.5	None	None	None	15	0	106	25	73.6	24.5	95	0	117	26	54.3	28.8
Sodium, dissolved	7500	7610	7390	8894.27	None	None	None	15	0	14100	7000	7933.3	1726.6	95	0	9240	5800	7816	547
Bicarb as CaCO3	17850	17200	17700	None	None	None	None	15	0	30200	2830	9291	6623	95	3	19600	1	12312	6152
Carbonate as CaCO3	<2	<2	<2	None	None	None	None	15	2	10900	100	6599	3188	95	37	14500	1	4280	4873
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	54	51	95	92	2310	1	41	258
Total Alkalinity	17850	17200	17700	20689.35	None	None	None	15	0	30200	13800	15870	4039	95	0	19600	9430	16614	1629
Cation-Anion Balance %	-6.2	-3.6	-6.7					15	6	6.2	-3.4	0.9	3.1	95	66	20.4	-11.6	-1.6	4.7
Sum of Anions meq/L	376	362	374					14	0	637	304	346.21	85.00	95	0	459	211	357.69	31.29
Sum of Cations meq/L	332	337	327					14	0	622	309	351.50	78.82	95	0	409	256	345.59	24.42
Chloride	604	602	660	None	None	250	Secondary Drinking Water	15	0	1090	630	718	113	95	0	3350	510	685	280
Cond @ 25C (umhos/cm)	24150	24100	23000	27063.04	None	None	None	15	0	36000	2280	20845	8303	95	0	37300	10800	23272	2299
Fluoride	28.8	28.3	29.4	42.49	None	2	Agricultural	15	0	56	1.4	28.2	11.8	95	0	33.8	2.8	28.1	3.4
pH (units)	8.3	8.3	8.4	None	None	6.5 - 8.5	Secondary Drinking Water	15	0	9.7	7.9	9.3	0.5	95	0	10	8.1	9.0	0.7
Total Dissolved Solids	18250	18000	16500	20822	None	None	TDS Water Quality Standards	15	0	34700	5150	18800	5614	95	0	21100	15900	19147	846
Sulfate	<20	<10	<10	None	None	250	Secondary Drinking Water	15	1	410	5	282	120	95	22	3625	0.5	229	403
TDS (calc)	19100	18800	18900					15	0	33400	18800	21240	3452	95	0	24450	17600	20549	1578
TDS ratio	0.96	0.96	0.87					14	0	1.04	0.25	0.88	0.19	95	0	1.09	0.77	0.938	0.09
Temperature	11.1	11.5	11.6					15	0	20.1	8	13.0	3.3	95	0	18.2	8.1	12.1	2.1

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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 21-4A
JULY 1, 1999 - SEPTEMBER 30, 2015

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 - JUNE 30, 2015					
Sample Date	3/8/2015	5/31/2015	9/13/2015	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	4.6	4.5	4.7	None	5.35	0.75	Agricultural	15	0	4.8	4.3	4.58	0.152	95	0	5.2	0.3	4.55	0.533
Calcium, dissolved	6	6	6	None	None	None	None	15	1	11	5	7.5	1.6	95	1	744	1	13.8	75.7
Iron, dissolved	<0.2	0.3	0.3	None	None	0.3	Secondary Drinking Water	15	0	3.3	0.7	1.657	0.550	95	11	1.85	0.07	0.671	0.471
Lithium, dissolved	0.96	0.98	0.99	None	2.5	2.5	Agricultural	15	0	1.2	1	1.053	0.074	95	1	1.3	0.1	1.01	0.130
Magnesium, dissolved	6	7	7	None	None	None	None	15	1	20	5	7.3	3.7	95	6	13	1	5.0	1.6
Potassium, dissolved	14	14	15	None	27.62	None	None	15	1	24	10	15.1	3.1	95	2	22	1.5	14.0	2.9
Silica, dissolved	16	16	17	None	33.84	None	None	15	0	25	17	19.5	2.1	95	0	27	8.6	17.4	1.8
Sodium, dissolved	7340	7140	7350	None	9570	None	None	15	0	8410	7360	7844.7	280.2	95	0	8980	7060	7755	365
Bicarb as CaCO3	17100	17100	15100	None	None	None	None	15	0	19300	11700	16183	1626	95	0	19800	12500	16777	1037
Carbonate as CaCO3	505	<2	1500	None	None	None	None	15	14	4290	1	340	1094	95	58	1820	1	224	355
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	54	51	95	95	1	1	1	0
Total Alkalinity	17600	17100	16600	None	23942	None	None	15	0	19300	15100	16470	1059	95	0	20700	12500	17001	968
Cation-Anion Balance %	-6.8	-6.7	-3.8					15	9	4.4	-8.1	-0.8	3.6	95	75	8.8	-11.1	-2.3	3.5
Sum of Anions meq/L	371	360	351					14	0	407	323	354.57	21.72	95	0	432	271	359.71	19.65
Sum of Cations meq/L	324	315	325					14	0	370	313	343.50	14.91	95	0	396	312	342.74	16.36
Chloride	612	597	612	None	None	250	Secondary Drinking Water	15	0	1965	600	721	345	95	0	1020	520	643	64
Cond @ 25C (umhos/cm)	23500	22900	22500	None	28651	None	None	15	0	23600	2220	21448	5436	95	0	24900	2330	22406	3279
Fluoride	30.3	29.9	29.9	None	41.34	2	Agricultural	15	0	34	27	29.9	1.9	95	0	36.1	24	31.3	1.9
pH (units)	8.5	8.4	8.6	None	None	6.5 - 8.5	Secondary Drinking Water	15	0	8.3	7.6	8.0	0.2	95	0	8.7	7.75	8.3	0.2
Total Dissolved Solids	17900	17900	16400	None	22366	None	TDS Water Quality Standards	15	0	24600	17300	19373	1539	95	0	20900	14100	18880	768
Sulfate	<20	1.8	<10	None	None	250	Secondary Drinking Water	15	9	50	5	21	19	95	55	150	0.5	15	22
TDS (calc)	18800	18200	18200					15	0	20300	17600	18680	893	95	0	20900	15600	18759	739
TDS ratio	0.95	0.98	0.90					14	0	1.23	0.93	1.04	0.07	95	0	1.29	0.76	1.009	0.06
Temperature	9	12	12.6					15	0	17.4	10.4	12.7	2.1	95	0	19	8.5	12.3	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 29-4A
JULY 1, 1999 - SEPTEMBER 30, 2015

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 - JUNE 30, 2015					
Sample Date	3/23/2015	6/15/2015	9/27/2015	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	0.54	0.56	0.61	None	None	0.75	Agricultural	15	0	5.5	0.88	1.867	1.101	95	0	0.96	0.46	0.69	0.092
Calcium, dissolved	4.4	4.7	4.9	None	None	None	None	15	0	14	4.8	7.1	2.3	95	0	7.3	3.7	5.3	0.7
Iron, dissolved	0.03	<0.04	<0.04	None	None	0.3	Secondary Drinking Water	15	6	1.9	0.025	0.232	0.470	95	27	1.95	0.01	0.106	0.254
Lithium, dissolved	0.045	0.04	0.04	None	None	2.5	Agricultural	15	3	1.2	0.05	0.297	0.280	95	14	0.12	0.04	0.071	0.019
Magnesium, dissolved	3.5	4	3.9	None	None	None	None	15	0	12	4	8.3	2.5	95	0	5	2	3.9	0.5
Potassium, dissolved	1.3	1.5	1.5	None	None	None	None	15	1	44	1.5	9.5	10.3	95	4	4	0.3	1.9	0.6
Silica, dissolved	12.8	13	14	None	None	None	None	15	0	63	22	31.0	9.7	95	0	22	10.7	14.7	1.8
Sodium, dissolved	814	819	934	None	None	None	None	15	0	15700	1880	5052.0	3301.4	95	0	1970	791	1287	247
Bicarb as CaCO3	1750	2060	1690	None	None	None	None	15	0	24900	2850	7404	5197	95	0	3560	1350	2501	511
Carbonate as CaCO3	17.6	136	131	None	None	None	None	15	3	700	10	277	237	95	19	733	1	130	113
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	30	44	95	95	1	1	1	0.0
Total Alkalinity	1770	2190	1820	None	None	None	None	15	0	25600	2930	7667	5317	95	0	3750	1510	2631	480
Cation-Anion Balance %	-4	-12.9	1.2					15	5	9.9	-11.9	1.7	5.6	95	69	8.4	-24.5	-3.7	5.8
Sum of Anions meq/L	39	48	41					14	0	291	83.6	183.42	59.90	95	0	92.5	34.9	62.00	12.36
Sum of Cations meq/L	36	37	42					14	0	344	83.4	189.89	68.42	95	0	87.5	35	57.28	10.94
Chloride	108	114	134	None	None	250	Secondary Drinking Water	14	0	3280	640	1939	779	95	0	820	51	309	138
Cond @ 25C (umhos/cm)	3280	4100	3400	None	None	None	None	15	0	37100	6130	15891	7687	95	0	8080	2725	5059	1061
Fluoride	12.9	12.2	13.5	None	None	2	Agricultural	14	0	22.6	8	16.0	3.1	95	0	19.4	10.5	14.2	1.4
pH (units)	8.3	8.6	8.6	None	None	6.5 - 8.5	Secondary Drinking Water	15	0	8.6	7.3	8.3	0.3	95	0	8.9	7.7	8.5	0.2
Total Dissolved Solids	2020	2620	2110	None	None	None	TDS Water Quality Standards	15	0	40000	4600	13058	8460	95	0	4885	1380	3234	660
Sulfate	<1	<1	<5	None	None	250	Secondary Drinking Water	15	2	300	5	49	71	95	67	30	0.5	7	6
TDS (calc)	2040	2310	2220					15	0	36000	5020	11961	7435	95	0	4920	1960	3248	621
TDS ratio	0.99	1.13	0.95					14	0	1.265	0.87	1.07	0.10	95	0	1.27	0.43	0.995	0.10
Temperature	12.1	11.8	12.1					15	0	17.4	9.6	12.6	2.1	95	0	17.7	7.2	12.3	2.2

* 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 29-3
JULY 1, 1999 - SEPTEMBER 30, 2015

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 - JUNE 30, 2015					
Sample Date	3/8/2015	5/31/2015	9/13/2015	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	4.6	4.5	4.5	None	5.35	0.75	Agricultural	15	0	4.85	4.4	4.667	0.141	95	0	5.1	0.2	4.473	0.578
Calcium, dissolved	6	6	5	None	None	None	None	15	1	20	3	8.4	4.7	95	1	12	1.9	5.8	1.7
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	95	64	4.6	-0.4	0.253	0.566
Lithium, dissolved	1	1.03	1	None	2.5	2.5	Agricultural	15	0	1.2	1	1.060	0.071	95	2	1.4	0.1	1.063	0.162
Magnesium, dissolved	6	7	6	None	None	None	None	15	3	6	2	4.7	1.4	95	11	26	1	4.5	2.6
Potassium, dissolved	15	14	15	None	28.95	None	None	15	1	19	10	14.1	2.4	95	2	33	1.5	14.6	3.6
Silica, dissolved	15	15	15	None	37.63	None	None	15	0	38	14.5	20.5	5.7	95	0	20	7.3	15.6	1.5
Sodium, dissolved	7610	7270	7700	None	10096	None	None	15	0	8825	7675	8236.0	277.5	95	0	10500	7270	8212.1	446.4
Bicarb as CaCO3	18000	16500	16900	None	None	None	None	15	0	18700	12900	16793	1318	95	0	19200	12400	17549	1081
Carbonate as CaCO3	447	731	1060	None	None	None	None	15	13	3900	1	372	999	95	50	1900	1	401	507
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	54	51	95	95	1	1	1	0
Total Alkalinity	18500	17200	18000	None	21794	None	None	15	0	18700	15900	17113	722	95	0	19400	13300	17949	916
Cation-Anion Balance %	-7.2	-6.1	-5.3					15	6	3.6	-82.5	-4.8	21.6	95	78	10.2	-22	-2.6	4.1
Sum of Anions meq/L	388	363	378					15	0	395	339	363.33	14.13	95	0	554	301	381.81	25.19
Sum of Cations meq/L	336	321	340					15	0	388.5	338.5	363.53	12.16	95	0	463	321	362.42	19.63
Chloride	637	610	620	None	None	250	Secondary Drinking Water	15	0	760	369	665	87	95	0	750	560	671	34
Cond @ 25C (umhos/cm)	24800	23900	24100	None	28503	None	None	15	0	24750	2330	22232	5829	95	0	26700	2345	23352	4192
Fluoride	31	30	30	None	43.82	2	Agricultural	15	0	36	29.5	32.3	1.6	95	0	40	17.05	31.9	2.9
pH (units)	8.5	8.5	8.6	None	None	6.5 - 8.5	Secondary Drinking Water	15	0	8.7	7.8	8.0	0.2	95	0	8.7	6.1	8.3	0.3
Total Dissolved Solids	19300	18600	16900	None	21373	25259	TDS Water Quality Standards	15	0	20600	19900	20207	208	95	0	21100	17500	20032	596
Sulfate	<20	6.5	5.6	None	None	250	Secondary Drinking Water	15	13	50	5	20	20	95	70	690	0.5	34	109
TDS (calc)	19600	18500	19300					15	0	20800	12000	18870	2004	95	0	26200	17800	19919	976
TDS ratio	0.98	1.01	0.88					15	0	1.08	0.17	0.99	0.23	95	0	1.9	0.76	1.017	0.10
Temperature	10	11.6	12.2					15	0	16.8	8	11.9	2.3	95	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 - SEPTEMBER 30, 2015

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 - JUNE 30, 2015					
Sample Date	3/22/2015	6/14/2015	9/21/2015	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	0.26	0.27	0.26	None	0.75	Agricultural	15	0	0.31	0.23	0.284	0.022	95	1	0.5	0.19	0.29	0.036
Calcium, dissolved	70	89.2	52.9	None	None	None	15	0	123.5	35.1	93.1	25.9	95	0	149	9.4	69.5	34.2
Iron, dissolved	1.43	1.82	0.83	None	0.3	Secondary Drinking Water	15	0	11.2	2.41	7.218	2.810	95	3	11.8	0.01	2.327	2.650
Lithium, dissolved	0.077	0.08	0.08	None	2.5	Agricultural	15	0	0.115	0.07	0.099	0.015	95	4	0.5	0.05	0.093	0.047
Magnesium, dissolved	18.7	18.3	17.6	None	None	None	15	0	26.4	10.6	21.7	4.2	95	1	42.4	3	19.3	7.8
Potassium, dissolved	2	2	2.1	None	None	None	15	0	3.7	1.2	2.9	0.7	95	3	5.6	0.6	2.3	0.8
Silica, dissolved	25.4	26.2	24.2	None	None	None	15	0	30.4	19.4	26.0	3.3	95	0	34.9	15	25.4	4.3
Sodium, dissolved	390	385	381	None	None	None	15	0	775	389	632.7	101.4	95	0	825	289	521	136
Bicarb as CaCO3	947	969	940	None	None	None	15	0	1170	668	1014	123	95	0	1380	448	923	209
Carbonate as CaCO3	<2	26.6	15.5	None	None	None	15	15	10	1	3	4	95	62	90	1	17	26
Hydroxide as CaCO3	<2	<2	<2	None	None	None	15	15	10	1	3	4	95	95	1	1	1	0
Total Alkalinity	947	995	955	None	None	None	15	0	1170	668	1014	123	95	0	1380	534	939	189
Cation-Anion Balance %	-4.3	-4.2	-8.7				15	12	17.8	-11.7	-0.9	7.6	95	67	11.6	-17.2	-1.7	4.6
Sum of Anions meq/L	24	25	25.0				15	0	41.9	14.1	35.91	7.41	95	0	47.3	13.7	29.23	8.21
Sum of Cations meq/L	22	23	21.0				15	0	41.4	20.2	34.87	6.02	95	0	45.6	13.6	28.21	8.22
Chloride	175	176	180	None	250	Secondary Drinking Water	14	0	750	210	573	133	95	0	750	76	357	184
Cond @ 25C (umhos/cm)	2140	2160	2100	None	None	None	15	0	3930	1410	3372	674	95	0	4190	1300	2690	795
Fluoride	7.45	7.24	6.93	None	2	Agricultural	14	0	16	10.3	12.0	1.6	95	0	18.2	5	10.3	2.6
pH (units)	8.2	8.3	8.3	None	6.5 - 8.5	Secondary Drinking Water	15	0	8.1	6.4	6.8	0.4	95	0	8.9	6.5	7.8	0.7
Total Dissolved Solids	1290	1320	1300	None	2466	TDS Water Quality Standards	15	0	2380	1000	1973	375	95	0	2380	750	1577	460
Sulfate	<1	<1	<1	None	250	Secondary Drinking Water	15	15	5	5	5	0	95	86	30	0.5	5	5
TDS (calc)	1270	1320	1250				15	0	2300	890	1944	371	95	0	2480	766	1575	443
TDS ratio	1.02	1	1.04				15	0	1.12	0.9	1.02	0.06	95	0	1.24	0.85	0.999	0.06
Temperature	11.6	11.5	12.4				15	0	15.3	10.1	12.8	1.7	95	0	18.3	7.7	12.0	2.3

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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 - SEPTEMBER 30, 2015

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 - JUNE 30, 2015					
Sample Date	3/9/2015	6/7/2015	9/14/2015	Protection	Warning	Standard													
Sample Type*	Average	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	5.7	6.2	6.1	7.22	None	0.75	Agricultural	15	0	6.5	4.6	6.091	0.453	94	0	6.8	0.3	5.98	0.711
Calcium, dissolved	7	9	8	None	None	None	None	15	0	16	6	8.8	2.6	94	1	216	2.9	11.7	23.5
Iron, dissolved	0.5	0.6	0.7	None	None	0.3	Secondary Drinking Water	15	0	3.1	0.4	0.991	0.693	94	2	3.3	0.2	0.783	0.493
Lithium, dissolved	1.3	1.4	1.4	2.5	None	2.5	Agricultural	15	0	1.7	1.2	1.483	0.128	94	1	2	0.2	1.434	0.237
Magnesium, dissolved	5	8	8	None	None	None	None	15	0	13	5	9.6	1.7	94	25	57	2	8.5	6.5
Potassium, dissolved	27	28	28	44.16	None	None	None	15	0	32	21	27.5	2.8	94	0	86	6	28.2	7.7
Silica, dissolved	26	28	28	81.21	None	None	None	15	0	58	37	48.4	6.8	94	0	67	11	40.7	10.0
Sodium, dissolved	13150	13500	13200	16103.97	None	None	None	15	0	14300	7830	13315.3	1559.8	94	0	16100	321	13752	1552
Bicarb as CaCO3	31650	30300	30450	None	None	None	None	15	0	30400	13500	27053	3932	94	0	32800	20500	30269	1615
Carbonate as CaCO3	<2	<2	<2	None	None	None	None	15	11	2980	1	489	863	94	76	4190	1	153	501
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	54	51	94	94	1	1	1	0
Total Alkalinity	31650	30300	30450	34488	None	None	None	15	0	30400	16500	27513	3195	94	0	32800	28200	30529	1064
Cation-Anion Balance %	-6.8	-3.4	-4.8					15	8	4	-2.6	0.4	1.9	94	74	5.7	-9.7	-2.5	3.1
Sum of Anions meq/L	664	638	643					14	0	642	353	583.93	69.39	94	0	769	597	645.13	24.72
Sum of Cations meq/L	580	598	583					14	0	631	346	587.57	71.35	94	0	710	29.9	607.20	67.02
Chloride	1023	1060	1120	None	None	250	Secondary Drinking Water	15	0	1260	630	1111	145	94	0	1350	2	1094	159
Cond @ 25C (umhos/cm)	39100	38400	37750	41968.72	None	None	None	15	0	38000	3740	33213	9368	94	0	44900	10800	36710	4038
Fluoride	40.25	39.2	40.4	62.6	None	2	Agricultural	15	0	82	30	45.7	14.9	94	0	48.1	8.7	39.3	5.8
pH (units)	8.3	8.4	8.2	None	None	6.5 - 8.5	Secondary Drinking Water	15	0	8.8	7.9	8.2	0.3	94	0	8.6	7.4	8.2	0.2
Total Dissolved Solids	31700	30600	28000	36705	None	None	TDS Water Quality Standards	15	0	34300	19100	32683	3787	94	0	35300	24800	33664	1575
Sulfate	<20	<20	<20	None	None	250	Secondary Drinking Water	15	4	190	50	85	36	94	35	4630	0.5	94	474
TDS (calc)	33600	33200	33000					15	0	33400	19800	31320	3253	94	0	39600	20500	33452	1745
TDS ratio	0.95	0.92	0.85					14	0	1.11	0.96	1.04	0.04	94	0	1.68	0.73	1.011	0.09
Temperature	14	11.8	11.8					15	0	18	8.4	12.6	2.7	94	0	17.8	5.9	12.1	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 21-4B
JULY 1, 1999 -SEPTEMBER 30, 2015

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 - JUNE 30, 2015					
Sample Date	3/8/2015	5/31/2015	9/13/2015	Protection	Warning	Standard													
Sample Type*	Primary	Average	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	6.5	6.3	None	8.27	0.75	Agricultural	15	0	7.4	0.21	6.177	1.944	95	0	10.9	0.3	6.60	0.928
Calcium, dissolved	9	11	10	None	None	None	None	15	9	7	1	3.4	2.1	95	3	629	2	22.0	77.5
Iron, dissolved	0.5	0.6	0.8	None	None	0.3	Secondary Drinking Water	15	3	1.9	0.06	0.481	0.485	95	8	4.3	0.1	0.627	0.507
Lithium, dissolved	1.5	1.6	1.5	None	3.32	2.5	Agricultural	15	0	2.1	0.1	1.407	0.483	95	1	2.8	0.2	1.595	0.266
Magnesium, dissolved	11	13	12	None	None	None	None	15	7	17	0.5	6.0	4.5	95	4	30	2	12.8	4.5
Potassium, dissolved	28	28	29	None	58.58	None	None	15	0	52	11	33.0	9.0	95	2	49	3	28.8	6.1
Silica, dissolved	40	41	39	None	89.21	None	None	15	0	165	13	76.5	34.3	95	0	80	17	45.8	7.5
Sodium, dissolved	13300	12950	12400	None	16766	None	None	15	0	14700	1340	12416.0	3739.8	95	0	17500	12100	14012	772
Bicarb as CaCO3	30000	30650	30800	None	None	None	None	15	1	27700	10	21167	7342	95	0	35800	24700	29501	1701
Carbonate as CaCO3	1150	<2	<2	None	None	None	None	15	1	10300	100	4219	3009	95	21	4000	1	1221	951
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	14	2000	1	180	506	95	95	10	1	1	1
Total Alkalinity	31100	30650	30800	None	37526	None	None	15	0	31000	2360	25537	7663	95	0	36200	18900	30649	1773
Cation-Anion Balance %	-5.2	-5.55	-6.25					15	7	3.9	-4.7	0.0	3.0	95	67	8.8	-9.9	-2.2	3.5
Sum of Anions meq/L	651	640	646					14	0	653	64	544.57	165.17	95	0	756	577	647.48	28.22
Sum of Cations meq/L	587	573	570					14	0	648	59.5	546.54	170.80	95	0	6010	535	682.67	555.20
Chloride	926	889	985	None	None	250	Secondary Drinking Water	15	0	1210	530	991	190	95	0	1160	790	992	64
Cond @ 25C (umhos/cm)	39300	37250	37550	None	46948	None	None	15	0	38900	10400	33547	8067	95	0	40600	2238.5	35919	5790
Fluoride	38.1	37.35	37.35	None	47.22	2	Agricultural	15	0	40	9	33.5	8.2	95	0	43.9	7.1	37.2	4.2
pH (units)	8.5	8.2	8.4	None	None	6.5 - 8.5	Secondary Drinking Water	15	0	12.2	8.1	8.9	0.9	95	0	8.7	7.7	8.4	0.2
Total Dissolved Solids	29000	32100	34100	None	37344	None	TDS Water Quality	15	0	35300	3160	30781	9217	95	0	36400	18800	33804	2078
Sulfate	<20	8.1	6.3	None	None	250	Secondary Drinking Water	15	1	600	50	190	126	95	29	4670	2.5	132	567
TDS (calc)	33400	32700	32800					15	0	36300	4340	30803	8993	95	0	40100	31800	34165	1373
TDS ratio	0.87	0.99	1.04					14	0	1.06	0.73	0.99	0.08	95	0	1.09	0.54	0.990	0.07
Temperature	11.3	12.3	12.4					15	0	17.7	10.1	12.9	2.2	95	0	19.4	7.6	12.2	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 29-4B
AUGUST 1, 1999 - SEPTEMBER 30, 2015

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 - JUNE 30, 2015					
Sample Date	3/23/2015	6/15/2015	9/27/2015	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	1.00	0.96	0.98	None	None	0.75	Agricultural	14	0	1.03	0.36	0.898	0.171	94	0	1.78	0.63	0.94	0.123
Calcium, dissolved	9	9.6	9.8	None	None	None	None	14	0	10.4	6.1	8.9	1.1	94	0	140	5	10.6	13.5
Iron, dissolved	<0.2	0.04	0.04	None	None	0.3	Secondary Drinking Water	14	1	0.15	0.025	0.082	0.034	94	11	8.96	0.01	0.258	1.129
Lithium, dissolved	0.35	0.32	0.34	None	None	2.5	Agricultural	14	0	0.37	0.04	0.293	0.081	94	0	0.41	0.07	0.316	0.041
Magnesium, dissolved	5	4.2	4.2	None	None	None	None	14	0	4.3	3	3.7	0.4	94	0	139	2	5.0	14.0
Potassium, dissolved	4	2.7	2.7	None	None	None	None	14	0	3	1.4	2.4	0.4	94	0	9.2	1.6	2.6	0.9
Silica, dissolved	16	16.6	17.1	None	None	None	None	14	0	18.9	13.8	16.1	1.4	94	0	34	10.1	16.3	2.2
Sodium, dissolved	1490	1490	1570	None	None	None	None	14	0	1650	635	1462.9	252.2	94	0	1770	1230	1500	86
Bicarb as CaCO3	3410	3290	3130	None	None	None	None	14	0	3620	1250	3049	553	94	0	3990	2470	3228	207
Carbonate as CaCO3	<2	55.4	240	None	None	None	None	14	12	281	1	41	78	94	64	419	1	47	86
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	14	14	100	1	18	35	94	94	1	1	1	0
Total Alkalinity	3410	3350	3370	None	None	None	None	14	0	3620	1300	2994	574	94	0	3990	2660	3272	193
Cation-Anion Balance %	-5	-3.6	-2.1					14	8	2.9	-6.8	-0.9	3.0	94	72	10.7	-21.7	-2.5	4.1
Sum of Anions meq/L	74	72	73					14	0	77.7	27.6	66.60	11.77	94	0	85	58.8	70.68	3.93
Sum of Cations meq/L	67	67	70					14	0	73.6	28.6	65.25	11.17	94	0	78.8	54.7	67.09	3.94
Chloride	138	140	147	None	None	250	Secondary Drinking Water	14	0	170	19	130	34	94	0	160	110	131	10
Cond @ 25C (umhos/cm)	5820	5720	5740	None	None	None	None	14	0	5910	2170	5191	892	94	0	6020	3050	5371	428
Fluoride	28.3	27	28.1	None	None	2	Agricultural	14	0	33	17	28.1	3.7	94	0	34.2	22.9	28.9	1.9
pH (units)	8.4	8.5	8.6	None	None	6.5 - 8.5	Secondary Drinking Water	14	0	8.4	7.4	7.9	0.3	94	0	8.7	7.1	8.2	0.3
Total Dissolved Solids	3620	3780	3770	None	None	4439	TDS Water Quality Standards	14	0	4000	1490	3551	603	94	0	4070	2950	3719	111
Sulfate	<10	<10	<10	None	None	250	Secondary Drinking Water	14	12	10	5	6	2	94	85	25	0.5	5	4
TDS (calc)	3770	3740	3840					14	0	3920	1510	3509	598	94	0	4080	3270	3675	154
TDS ratio	0.96	1.01	0.98					14	0	1.11	0.93	1.01	0.04	94	0	1.14	0.81	1.013	0.04
Temperature	12.3	11.8	11.9					13	0	16.6	8.7	12.1	2.6	94	0	20.7	7	12.3	2.5

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AMERICAN SODA INTERIM STATUS
DATA SUMMARY GROUND WATER WELL 20-9
JULY 1, 1999 - SEPTEMBER 30, 2015

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 - JUNE 30, 2015					
Sample Date	3/10/2015	6/8/2015	9/20/2015	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	1.4	1.45	1.37	None	2.08	0.75	Agricultural	15	0	1.74	1.43	1.567	0.077	95	0	1.73	0.74	1.47	0.118
Calcium, dissolved	10	10.6	10	None	None	None	None	15	0	11	10	10.4	0.5	95	0	13	7.3	9.6	1.0
Iron, dissolved	0.21	<0.1	<0.1	None	None	0.3	Secondary Drinking Water	15	0	0.69	0.06	0.216	0.178	95	14	0.8	0.025	0.188	0.144
Lithium, dissolved	0.538	0.58	0.58	None	2.5	2.5	Agricultural	15	0	0.62	0.5	0.593	0.027	95	0	0.7	0.5	0.590	0.047
Magnesium, dissolved	4	5	4	None	None	None	None	15	0	6	4	4.9	0.5	95	0	6	2	4.1	0.6
Potassium, dissolved	4.2	5	5	None	9.26	None	None	15	0	6.5	4	5.3	0.6	95	0	7	3.7	4.8	0.7
Silica, dissolved	17.6	18	18	None	21.98	None	None	15	0	19	16.3	17.5	0.8	95	0	23	16	18.8	1.3
Sodium, dissolved	2170	2140	2130	None	2947	None	None	15	0	2550	2190	2326.7	112.7	95	0	2885	1940	2247	154
Bicarb as CaCO3	4680	4620	4610	None	None	None	None	15	0	5100	4160	4742	283	95	0	6300	3680	4747	411
Carbonate as CaCO3	<2	<2	<2	None	None	None	None	15	13	536	1	66	142	95	66	298	1	39	71
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	23	40	95	95	1.5	1	1	0
Total Alkalinity	4680	4620	4610	None	6138	None	None	15	0	5100	4160	4792	283	95	0	6300	3680	4785	419
Cation-Anion Balance %	-4	-3.1	-3.6					15	11	5.4	-8.8	-2.1	4.2	95	80	7.8	-17.8	-3.0	3.3
Sum of Anions meq/L	104	101	102					15	0	124	93.1	108.07	6.65	95	0	142	82.9	106.26	9.78
Sum of Cations meq/L	96	95	95.0					15	0	113	97.4	103.52	4.86	95	0	129	86.3	99.89	6.87
Chloride	318	262	285	None	None	250	Secondary Drinking Water	15	0	390	270	321	35	95	0	430	29	309	58
Cond @ 25C (umhos/cm)	7850	7920	7760	None	10057	None	None	15	0	8820	7700	8298	362	95	0	9630	3410	7885	811
Fluoride	26	25.1	25.1	None	45.72	2	Agricultural	15	0	34	23.4	27.0	2.7	95	0	48	16.5	26.1	3.3
pH (units)	8.3	8.5	8.5	None	None	6.5 - 8.5	Secondary Drinking Water	15	0	8.6	7.7	8.0	0.3	95	0	8.9	7.6	8.3	0.2
Total Dissolved Solids	5020	5360	4770	None	6793	7125	TDS Water Quality	15	0	6020	5320	5700	212	95	0	7625	4790	5527	364
Sulfate	20.7	<10	<5	None	None	250	Secondary Drinking Water	15	14	800	5	64	204	95	82	220	0.5	10	27
TDS (calc)	5430	5290	5290					15	0	6450	5180	5681	278	95	0	7105	4730	5526	425
TDS ratio	0.92	1.01	0.9					15	0	1.13	0.87	1.01	0.06	95	0	1.1	0.82	1.002	0.05
Temperature	11.6	13.1	13.4					15	0	15	9.2	12.5	1.6	94	0	19.4	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.

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 20-4B
JULY 1, 1999 - SEPTEMBER 30, 2015

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 - JUNE 30, 2015					
Sample Date	3/10/2015	6/8/2015	9/20/2015	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	0.34	0.33	0.33	None	0.75	0.75	Agricultural	14	0	0.96	0.32	0.400	0.164	95	0	0.38	0.29	0.33	0.017
Calcium, dissolved	5.1	4.5	4	None	None	None	None	14	0	15.2	4.8	7.5	3.0	95	0	5.5	4.1	4.7	0.3
Iron, dissolved	0.03	<0.02	<0.02	None	None	0.3	Secondary Drinking Water	14	0	1.45	0.03	0.255	0.456	95	11	0.37	-0.02	0.043	0.040
Lithium, dissolved	0.051	0.051	0.055	None	2.5	2.5	Agricultural	14	1	0.35	0.02	0.064	0.083	95	1	0.6	0.02	0.057	0.057
Magnesium, dissolved	2.9	2.7	2.3	None	None	None	None	14	0	6.4	2.8	3.9	1.2	95	0	3.2	2.1	2.7	0.2
Potassium, dissolved	1.4	1.1	1.1	None	5.51	None	None	14	0	3.1	1.1	1.6	0.6	95	0	3.3	0.8	1.1	0.3
Silica, dissolved	14.3	14.1	13.3	None	33.95	None	None	14	0	32.3	13.7	17.0	5.0	95	0	17.6	13.5	14.9	0.8
Sodium, dissolved	511	500	507	None	844	None	None	14	0	1530	529	666.3	251.9	95	0	631	459	535	32
Bicarb as CaCO3	1180	1020	1050	None	None	None	None	14	0	3120	1060	1364	517	95	0	1240	629	1050	92
Carbonate as CaCO3	<2	121	124	None	None	None	None	14	10	148	1	36	51	95	7	419	1	82	55
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	14	14	10	1	6	5	95	95	1	-2	1	0
Total Alkalinity	1180	1140	1170	None	1807	None	None	14	0	3120	1160	1396	503	95	0	1260	862	1131	76
Cation-Anion Balance %	-4.2	-2.1	-4.2					14	5	4.3	-12.8	0.0	4.0	95	51	18.7	-25.1	0.3	5.4
Sum of Anions meq/L	25	24	25					14	0	67.6	24.3	30.17	11.02	95	0	42.9	18.3	23.96	2.48
Sum of Cations meq/L	23	23	23					14	0	68.2	24.9	30.14	11.10	95	0	28.3	20.7	24.04	1.42
Chloride	14.7	15.7	15.3	None	None	250	Secondary Drinking Water	14	0	140	15	38	44	95	0	16	10	13	1
Cond @ 25C (umhos/cm)	2040	2120	2120	None	3178	None	None	14	0	5360	2135	2496	838	95	0	2310	8	2005	231
Fluoride	14	13.7	13.5	None	35.61	2	Agricultural	14	0	24	13.5	16.1	2.7	95	0	29	2.5	14.5	2.2
pH (units)	8.1	8.8	8.8	None	None	6.5 - 8.5	Secondary Drinking Water	14	0	9.2	7.7	8.2	0.4	95	0	8.9	7.8	8.6	0.2
Total Dissolved Solids	1200	1280	1270	None	1955	2018	TDS Water Quality Standards	14	0	3730	1340	1614	615	95	0	1400	890	1297	51
Sulfate	5.1	<1	<1	None	None	250	Secondary Drinking Water	14	6	40	5	17	13	95	91	20	-1	4	3
TDS (calc)	1290	1250	1270					14	0	3600	1340	1616	579	95	0	2020	1140	1300	96
TDS ratio	0.93	1.02	1					14	0	1.05	0.95	1.00	0.03	95	0	1.13	0.64	1.002	0.07
Temperature	11.6	12	13.6					14	0	19.7	9.4	13.0	3.0	95	0	23	6.7	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 29-2B
JULY 1, 1999 - SEPTEMBER 30, 2015

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 - JUNE 30, 2015					
Sample Date	3/23/2015	6/15/2015	9/27/2015	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	0.32	0.35	0.34	None	None	0.75	Agricultural	15	0	0.6	0.39	0.461	0.046	95	0	0.48	0.32	0.38	0.037
Calcium, dissolved	3.1	3.6	2.9	None	None	None	None	15	0	3.9	2.2	2.8	0.4	95	0	5.2	2	3.0	0.4
Iron, dissolved	0.09	0.13	0.05	None	None	0.3	Secondary Drinking Water	15	0	0.43	0.09	0.251	0.086	95	1	11.4	0.05	0.278	1.155
Lithium, dissolved	0.12	0.115	0.114	None	None	2.5	Agricultural	15	0	0.2	0.1	0.141	0.025	95	1	0.37	0.1	0.167	0.044
Magnesium, dissolved	1.4	1.7	1.4	None	None	None	None	15	0	2	1.1	1.4	0.3	95	0	2	0.8	1.3	0.2
Potassium, dissolved	4.4	4.5	4.5	None	None	None	None	15	0	11.1	2.8	5.8	2.4	95	0	23.1	3.8	11.8	5.4
Silica, dissolved	17.0	17.5	17.6	None	None	None	None	15	0	19.1	14	17.5	1.7	95	0	21	16.2	18.3	0.8
Sodium, dissolved	428	436	458	None	None	None	None	15	0	1490	672	842.8	254.9	95	0	824	413	573	105
Bicarb as CaCO3	1030	959	903	None	None	None	None	15	0	2850	1400	1832	412	95	0	1720	740	1100	232
Carbonate as CaCO3	9.2	40.5	103	None	None	None	None	15	3	221	1	89	67	95	3	419	1	136	56
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	10	1	5	5	95	95	1	1	1	0
Total Alkalinity	1040	1000	1010	None	None	None	None	15	0	2900	1520	1919	382	95	0	1810	845	1235	244
Cation-Anion Balance %	-7.3	-2.4	0					15	13	6.8	-19	-8.6	7.3	95	61	10.2	-14.6	-2.2	4.8
Sum of Anions meq/L	22.0	21	21					15	0	71.7	35.9	44.15	10.65	95	0	40	18	27.15	5.92
Sum of Cations meq/L	19.0	20	21					15	0	66.2	30	37.55	11.25	95	0	37.1	18.5	25.81	4.74
Chloride	14.2	14.7	14.4	None	None	250	Secondary Drinking Water	15	0	450	96	181	111	95	0	330	14.2	63	48
Cond @ 25C (umhos/cm)	1870	1790	1860	None	None	None	None	15	0	5690	2610	3740	785	95	0	3570	1750	2321	491
Fluoride	11.8	11	11.7	None	None	2	Agricultural	15	0	16	11.5	13.3	1.5	95	0	15.8	10.3	12.3	1.0
pH (units)	8.3	8.4	8.7	None	None	6.5 - 8.5	Secondary Drinking Water	15	0	8.8	8.2	8.5	0.1	95	0	9	7.7	8.8	0.2
Total Dissolved Solids	1120	1110	1100	None	None	2654	TDS Water Quality Standards	15	0	3640	1580	2123	588	95	0	3290	1090	1430	320
Sulfate	<1	<1	<1	None	None	250	Secondary Drinking Water	15	12	40	5	9	9	95	86	25	0.5	5	4
TDS (calc)	1120	1100	1130					15	0	3760	1860	2250	563	95	0	2110	984	1475	300
TDS ratio	1.00	1.01	0.97					15	0	1.18	0.81	0.94	0.10	95	0	1.94	0.78	0.975	0.12
Temperature	10.8	11.4	11.3					15	0	16.7	8.5	11.8	2.4	95	0	23.7	5.3	11.9	2.9

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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 - SEPTEMBER 30, 2015

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 - JUNE 30, 2015					
Sample Date	3/9/2015	6/7/2015	9/14/2015	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Primary	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	5.8	5.8	None	None	0.75	Agricultural	15	0	6.6	5.8	6.132	0.220	95	0	6.6	5.1	5.90	0.303
Calcium, dissolved	9	11	10	None	None	None	None	15	1	41	5	10.9	8.9	94	1	255	1.8	15.6	25.5
Iron, dissolved	0.4	0.6	0.6	None	None	0.3	Secondary Drinking Water	15	0	4.1	0.7	1.147	0.897	95	7	4	0.18	1.027	0.640
Lithium, dissolved	2.3	2.3	2.4	None	None	2.5	Agricultural	15	0	3.1	2.3	2.580	0.193	95	0	3.1	1.6	2.509	0.241
Magnesium, dissolved	5	7	7	None	None	None	None	15	0	12	5	7.3	2.0	94	41	49	2	4.7	5.0
Potassium, dissolved	52	52	52	None	None	None	None	15	0	61	46	54.7	4.1	95	0	120	33	56.0	10.2
Silica, dissolved	29	31	31	None	None	None	None	15	0	70	20	55.9	14.3	95	0	60	29	42.3	9.4
Sodium, dissolved	14800	15000	14800	None	None	None	None	15	0	16300	15200	15510.0	341.3	95	0	18500	14400	15708	786
Bicarb as CaCO3	35100	34800	34000	None	None	None	None	15	0	34500	27900	31710	1738	95	0	37500	29800	34445	1368
Carbonate as CaCO3	<2	247	243	None	None	None	None	15	13	1450	1	222	448	95	75	3440	1	128	410
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	54	51	95	95	1	1	1	0
Total Alkalinity	35100	35000	34300	None	None	None	None	15	0	34500	29300	31883	1498	95	0	37500	31500	34570	1199
Cation-Anion Balance %	-6.2	-5.6	-5.1					15	6	3.3	-3.2	0.5	2.1	95	78	5.4	-13.4	-2.9	3.4
Sum of Anions meq/L	740	741	725					14	0	731	628	678.21	30.92	95	0	1010	682	737.04	39.86
Sum of Cations meq/L	653	663	654					14	0	719.5	671	682.96	13.82	95	0	816	636	693.83	34.47
Chloride	1230	1320	1320	None	None	250	Secondary Drinking Water	15	0	1460	1160	1328	69	95	0	1600	890	1322	96
Cond @ 25C (umhos/cm)	43400	42200	42500	None	None	None	None	15	0	41900	31500	40530	2742	95	0	49600	1430	40138	5816
Fluoride	63.3	65	62.5	None	None	2	Agricultural	15	0	71	43	59.0	7.5	95	0	87	7.5	62.6	8.5
pH (units)	8.3	8.4	8.4	None	None	6.5 - 8.5	Secondary Drinking Water	15	0	8.5	7.9	8.2	0.2	95	0	8.7	7.4	8.2	0.2
Total Dissolved Solids	34900	36200	33300	None	None	7125	TDS Water Quality	15	0	38800	36150	38147	687	95	0	40800	31300	38264	1393
Sulfate	<20	<20	<20	None	None	250	Secondary Drinking Water	15	11	50	5	31	20	95	62	12400	2	310	1783
TDS (calc)	37600	37900	37200					15	0	37800	34600	36237	983	95	0	52500	36200	38270	1904
TDS ratio	0.93	0.96	0.9					14	0	1.11	0.965	1.06	0.04	95	0	1.07	0.74	1.002	0.05
Temperature	10.8	11.5	12.5					15	0	17.1	9.7	13.1	2.4	94	0	19.8	7.2	12.2	2.8

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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 (BURKE) KCHB
FEBRUARY 1, 1999 - SEPTEMBER 30, 2015

Well ID	KCHB	KCHB	KCHB	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS FEBRUARY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - JUNE 30, 2015					
Sample Date	3/22/2015	6/7/2015	9/13/2015	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Primary	Level	Indicator	Regulation	Standard												
Completion Horizon	Domestic	Domestic	Domestic	(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	0.11	0.1	0.12	None	None	0.75	Agricultural	8	0	0.14	0.09	0.115	0.016	94	0	0.7	0.07	0.12	0.072
Calcium, dissolved	42.3	38.5	56.2	None	None	None	None	8	0	70.5	28.1	47.9	16.3	94	0	63.4	11.5	43.5	12.1
Iron, dissolved	0.04	0.03	<0.02	None	None	0.3	Secondary Drinking Water	8	3	0.25	0.005	0.074	0.097	94	25	0.16	0.005	0.042	0.036
Lithium, dissolved	0.042	0.041	0.046	None	None	2.5	Agricultural	8	0	0.04	0.03	0.038	0.005	94	4	0.1	0.02	0.041	0.012
Magnesium, dissolved	55.8	52.1	72.3	None	None	None	None	8	0	82.7	37.1	59.5	18.5	94	0	77.8	27	55.9	13.6
Potassium, dissolved	1.4	1.3	1.7	None	None	None	None	8	0	1.7	1	1.4	0.3	94	1	5	0.6	1.4	0.5
Silica, dissolved	19.5	19.8	20.9	None	None	None	None	8	0	23.2	19.5	21.2	1.1	94	0	23.5	13.7	21.0	1.5
Sodium, dissolved	199	217	214	None	None	None	None	8	0	206	183	196.0	8.0	94	0	1460	168	217	130
Bicarb as CaCO3	470	425	519	None	None	None	None	8	0	538	389	456	66	94	0	3140	301	463	284
Carbonate as CaCO3	<2	26.8	5.5	None	None	None	None	8	7	13	1	3	4	94	65	52	1	7	11
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	8	8	1	1	1	0	94	94	1	1	1	0
Total Alkalinity	470	452	524	None	None	None	None	8	0	551	389	458	69	94	0	3140	252	466	283
Cation-Anion Balance %	-3	-3	-5.3					8	4	1.8	-2	0.0	1.4	94	41	7.9	-9.8	0.2	2.7
Sum of Anions meq/L	17	17	20					8	0	19.5	13.2	16.03	2.69	94	0	67.9	11.1	16.32	5.68
Sum of Cations meq/L	16	16	18					8	0	19.5	13	16.01	2.67	94	0	67.5	10.8	16.38	5.64
Chloride	11.7	14.6	13.2	None	None	250	Secondary Drinking Water	8	0	9	6	8	1	94	0	76	6	10	7
Cond @ 25C (umhos/cm)	1460	1490	1620	None	None	None	None	8	0	1600	1110	1333	204	94	0	5820	838	1449	685
Fluoride	0.29	0.39	0.48	None	None	2	Agricultural	8	0	0.6	0.5	0.5	0.1	94	0	8.6	0.2	0.6	1.0
pH (units)	8.2	8.4	8.3	None	None	6.5 - 8.5	Secondary Drinking Water	8	0	8.3	7	7.6	0.4	94	0	8.5	7	8.0	0.3
Total Dissolved Solids	906	950	1050	None	None	1101	TDS Water Quality Standards	8	0	1080	720	881	143	94	0	1050	470	890	104
Sulfate	323	339	410	None	None	250	Secondary Drinking Water	8	0	390	240	315	63	94	0	398	200	314	48
TDS (calc)	945	966	1110					8	0	1120	763	927	149	94	0	3650	665	949	299
TDS ratio	0.96	0.98	0.95					8	0	1.01	0.9	0.95	0.03	94	0	1.24	0.19	0.961	0.09
Temperature	13.2	13	14.5					8	0	20.8	15.6	18.1	1.5	94	0	20.8	10.6	14.9	2.1

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

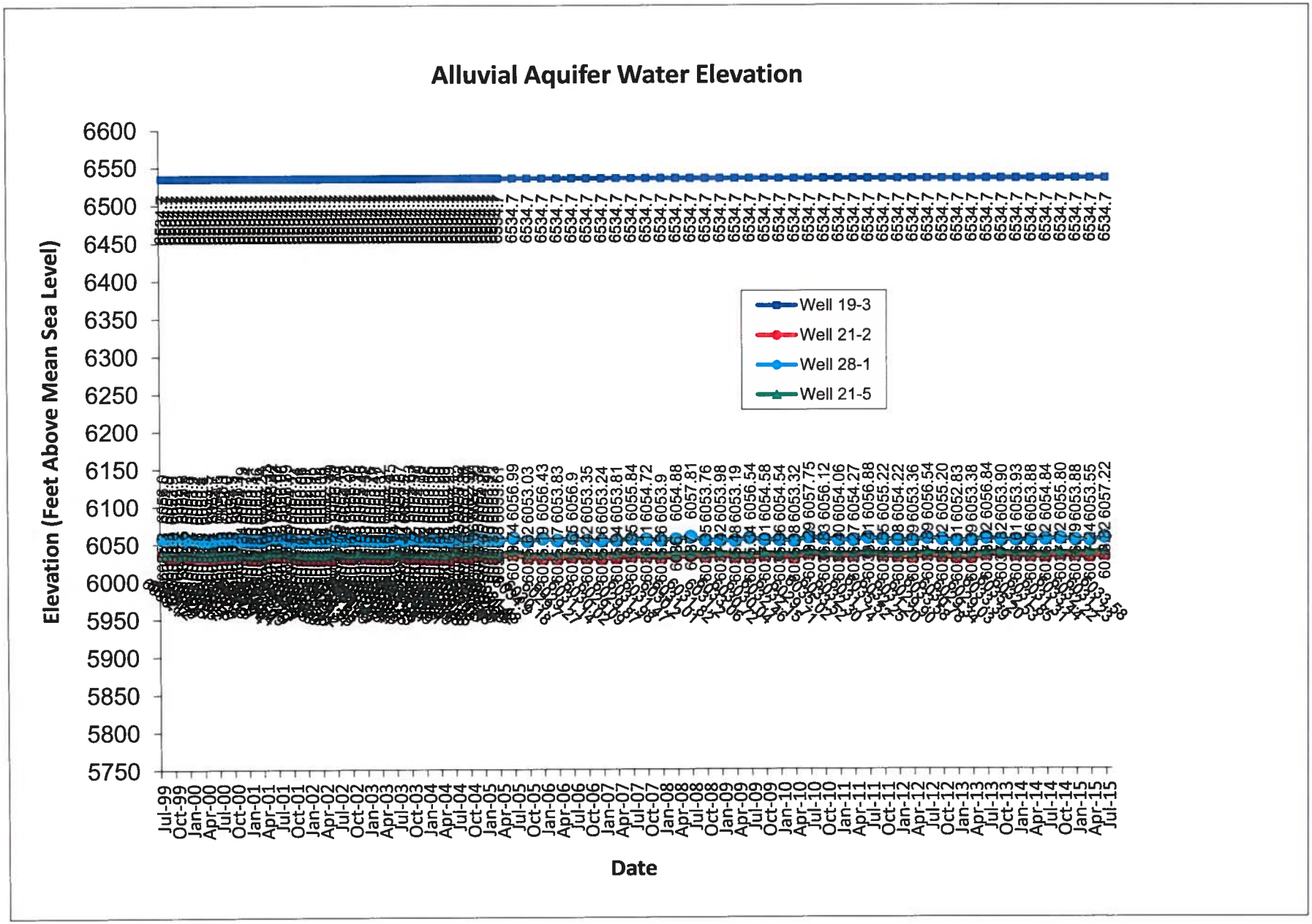
A symbol "<" before a number indicates that the value is not detected. The number following "<" is the analytical limit of detection based upon the method and the sample matrix.

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

Alluvial Wells Water Elevation Summary
OCTOBER 2004 -SEPTEMBER 2015

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)
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
Jun-12	15.70	6534.7	71.42	6033.6	13.96	6056.5	21.41	6037.9
Sep-12	15.70	6534.7	74.22	6030.8	15.30	6055.2	23.18	6036.1
Dec-12	15.70	6534.7	75.66	6029.3	17.67	6052.8	23.99	6035.3
Mar-13	15.70	6534.7	75.97	6029.0	17.12	6053.4	23.91	6035.4
Jun-13	15.70	6534.7	71.61	6033.4	13.66	6056.8	21.28	6038.0
Sep-13	15.70	6534.7	69.80	6035.2	16.60	6053.9	21.48	6037.8
Dec-13	15.70	6534.7	72.47	6032.5	16.57	6053.9	22.69	6036.6
Mar-14	15.70	6534.7	73.15	6031.9	16.62	6053.9	22.54	6036.8
Jun-14	15.70	6534.7	73.69	6031.3	15.66	6054.8	23.18	6036.1
Sep-14	15.70	6534.7	71.56	6033.4	14.70	6055.8	21.58	6037.7
Dec-14	15.70	6534.7	72.78	6032.2	16.62	6053.9	22.51	6036.8
Mar-15	15.70	6534.7	73.77	6031.2	16.95	6053.6	22.06	6037.2
Jun-15	15.70	6534.7	71.42	6033.6	13.28	6057.2	20.48	6038.8
Sep-15	15.70	6534.7	72.88	6032.1	14.10	6056.4	22.32	6037.0

* Well 19-3 is consistently dry.


Alluvial Aquifer Water Elevation
Elevation (Feet Above Mean Sea Level)
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6550
6500
6450
6400
6350
6300
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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
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Jan-15
Apr-15
Jul-15
Date

Upper Aquifer Wells Water Elevation Summary
JANUARY 2005 - SEPTEMBER 2015

Well ID	Well 29-4U		Well 20-8		Well 21-3U		Well 21-3A	
Installation Date	7/15/1999		1/17/1997		7/8/1999		7/8/1999	
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)
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
Jun-12	50.2	6109.3	128.9	6106.8	26.5	6092.4	29.4	6089.6
Sep-12	50.3	6109.2	129.0	6106.8	26.8	6092.1	29.7	6089.2
Dec-12	50.2	6109.3	128.9	6106.8	26.8	6092.1	29.7	6089.2
Mar-13	50.1	6109.3	128.8	6106.9	26.6	6092.3	29.6	6089.3
Jun-13	50.4	6109.0	128.7	6107.0	26.9	6092.0	29.9	6089.0
Sep-13	50.6	6108.9	128.9	6106.9	26.7	6092.2	29.9	6089.0
Dec-13	49.7	6109.8	128.7	6107.0	26.8	6092.1	29.8	6089.1
Mar-14	50.5	6108.9	129.6	6106.1	26.9	6092.0	29.8	6089.1
Jun-14	50.4	6109.1	130.1	6105.6	26.9	6092.0	29.8	6089.1
Sep-14	50.7	6108.7	130.2	6105.5	27.2	6091.7	30.0	6088.9
Dec-14	50.7	6108.7	128.9	6106.8	27.0	6091.9	30.3	6088.6
Mar-15	50.7	6108.8	129.0	6106.7	27.1	6091.8	30.3	6088.6
Jun-15	50.8	6108.7	129.2	6106.5	27.2	6091.7	30.5	6088.4
Sep-15	50.8	6108.6	128.9	6106.8	27.1	6091.8	30.4	6088.5

Upper Aquifer Wells Water Elevation Summary Continued

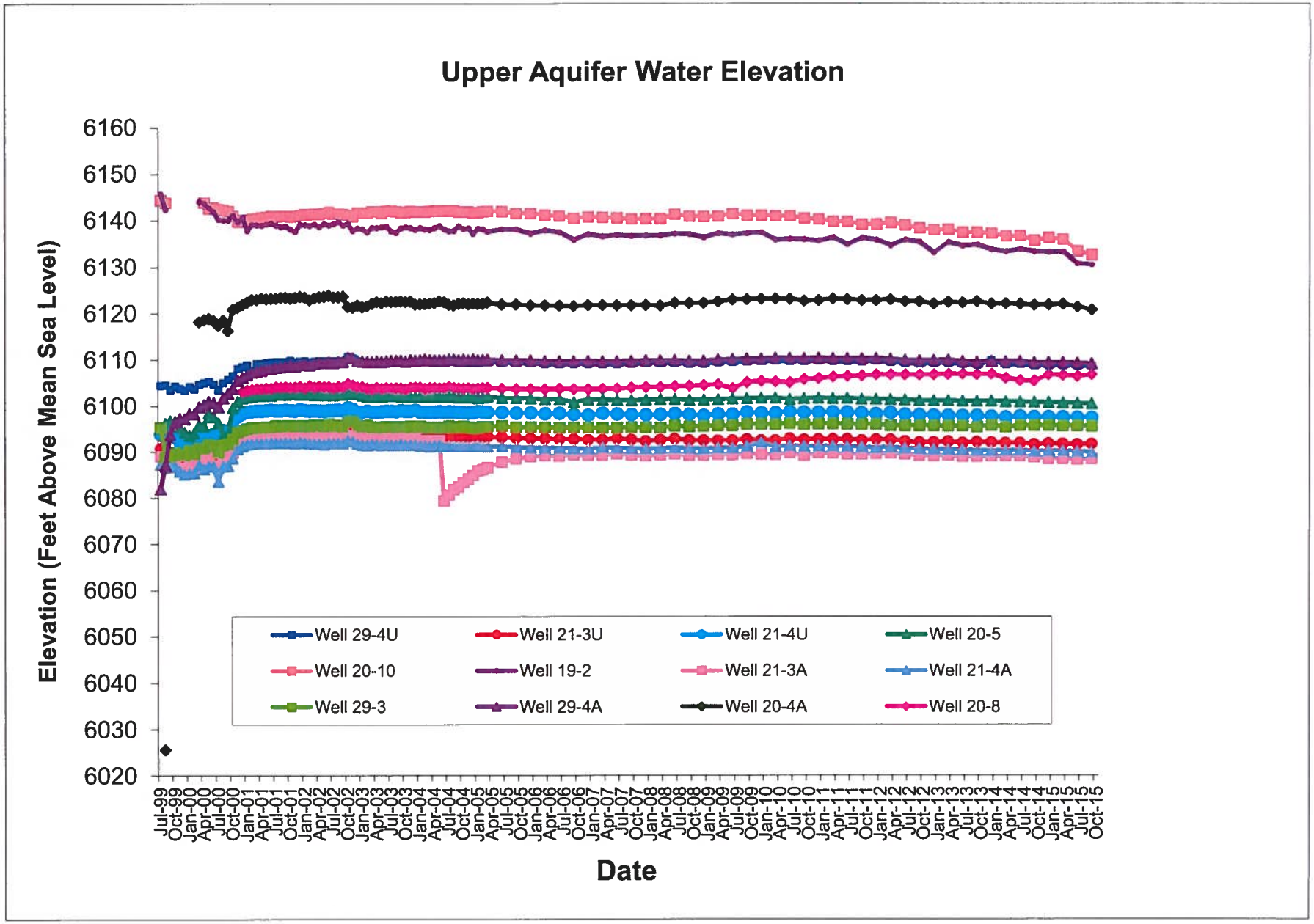
JANUARY 2005 - SEPTEMBER 2015

Well ID	Well 21-4A		Well 29-3		Well 29-4A		Well 21-4U	
Installation Date	7/14/1999		2/9/1998		7/15/1999		7/22/1999	
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)
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
Jun-12	186.8	6090.8	285.5	6095.8	49.5	6110.0	182.3	6098.2
Sep-12	186.9	6090.7	285.4	6095.8	49.6	6109.8	182.4	6098.1
Dec-12	187.0	6090.6	285.5	6095.7	49.5	6109.9	182.5	6098.0
Mar-13	187.1	6090.5	285.5	6095.7	49.4	6110.0	182.6	6097.9
Jun-13	187.1	6090.5	285.5	6095.7	49.7	6109.7	182.6	6097.9
Sep-13	187.3	6090.3	285.7	6095.5	49.9	6109.5	182.8	6097.7
Dec-13	187.3	6090.3	285.3	6095.9	49.7	6109.7	182.6	6097.9
Mar-14	187.3	6090.3	285.3	6095.9	49.7	6109.7	182.6	6097.9
Jun-14	187.2	6090.4	285.4	6095.8	49.7	6109.7	182.7	6097.8
Sep-14	187.4	6090.2	285.4	6095.8	50.0	6109.4	182.9	6097.6
Dec-14	187.3	6090.3	285.3	6095.9	50.0	6109.4	182.9	6097.6
Mar-15	187.3	6090.3	285.5	6095.7	50.0	6109.4	182.9	6097.6
Jun-15	187.5	6090.2	285.4	6095.8	50.0	6109.4	183.0	6097.5
Sep-15	187.6	6090.0	285.6	6095.7	50.2	6109.2	183.0	6097.5

Upper Aquifer Wells Water Elevation Summary Continued

JANUARY 2005 - SEPTEMBER 2015

Well ID	Well 20-5		Well 20-10		Well 19-2		Well 20-4A	
Installation Date	5/8/1997		9/5/1998		5/5/1998		7/18/1998	
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)
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
Jun-12	103.4	6101.4	430.4	6139.0	485.9	6135.9	300.0	6122.6
Sep-12	103.5	6101.2	431.1	6138.4	486.4	6135.4	300.0	6122.6
Dec-12	103.5	6101.2	431.4	6138.0	488.6	6133.2	300.5	6122.1
Mar-13	103.5	6101.2	431.3	6138.1	486.5	6135.4	300.1	6123.5
Jun-13	103.6	6101.1	431.9	6137.5	487.2	6134.6	300.3	6122.4
Sep-13	103.6	6101.1	431.9	6137.5	487.0	6134.9	300.0	6122.7
Dec-13	103.6	6101.1	432.1	6137.3	488.0	6133.8	300.5	6122.1
Mar-14	103.7	6101.0	432.7	6136.7	488.4	6133.4	300.4	6122.2
Jun-14	103.8	6100.9	432.6	6136.8	488.0	6133.9	300.6	6122.1
Sep-14	103.8	6100.9	433.6	6135.8	488.4	6133.4	300.7	6121.9
Dec-14	103.9	6100.8	433.0	6136.4	488.5	6133.3	300.7	6121.9
Mar-15	104.0	6100.8	433.4	6136.0	488.5	6133.4	300.5	6122.1
Jun-15	104.1	6100.6	435.9	6133.5	490.9	6130.9	301.1	6121.5
Sep-15	104.2	6100.5	436.7	6132.7	491.1	6130.7	301.8	6120.8


Upper Aquifer Water Elevation
Elevation (Feet Above Mean Sea Level)
6160
6150
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Well 29-4A
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Jul-15
Oct-15
Date

Lower Aquifer Wells Water Elevation Summary

JANUARY 2005 - SEPTEMBER 2015

	Well 21-3B		Well 21-4B		Well 29-2B		Well 20-9	
Installation Date	7/8/1999		7/14/1999		7/20/1999		1/23/1998	
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)
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	6080.49	193.83	6083.77	101.73	6116.57	127.43	6109.57
Mar-06	38.45	6080.41	193.90	6083.70	101.73	6116.57	127.70	6109.30
Jun-06	38.58	6080.28	194.06	6083.54	101.81	6116.49	127.74	6109.26
Sep-06	38.50	6080.36	194.14	6083.46	101.75	6116.55	127.69	6109.31
Dec-06	38.77	6080.09	194.19	6083.41	101.98	6116.32	128.16	6108.84
Mar-07	38.64	6080.22	193.96	6083.64	101.80	6116.50	127.83	6109.17
Jun-07	38.57	6080.29	194.00	6083.60	101.81	6116.49	127.88	6109.12
Sep-07	38.73	6080.13	194.11	6083.49	101.86	6116.44	128.00	6109.00
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
Jun-12	40.34	6078.5	193.76	6083.8	101.47	6116.8	128.17	6108.8
Sep-12	40.52	6078.3	194.13	6083.5	101.61	6116.7	128.45	6108.6
Dec-12	40.88	6078.0	194.18	6083.4	101.47	6116.8	128.50	6108.5
Mar-13	40.44	6078.4	194.28	6083.3	101.60	6116.7	128.52	6108.5
Jun-13	40.43	6078.4	194.25	6083.4	101.81	6116.5	128.69	6108.3
Sep-13	40.38	6078.5	194.50	6083.1	101.96	6116.3	128.86	6108.1
Dec-13	40.53	6078.3	194.50	6083.1	101.85	6116.5	128.68	6108.3
Mar-14	40.58	6078.3	194.62	6083.0	101.85	6116.5	128.76	6108.2
Jun-14	40.58	6078.3	194.35	6083.3	101.77	6116.5	128.24	6108.8
Sep-14	40.80	6078.1	194.55	6083.1	102.07	6116.2	128.34	6108.7
Dec-14	39.31	6079.6	194.10	6083.5	102.04	6116.3	128.43	6108.6
Mar-15	39.17	6079.7	194.57	6083.0	101.96	6116.3	128.63	6108.4
Jun-15	41.32	6077.5	194.66	6082.9	102.24	6116.1	128.82	6108.2
Sep-15	41.32	6077.5	194.89	6082.7	102.38	6115.9	128.28	6108.7

Lower Aquifer Wells Water Elevation Summary Continued

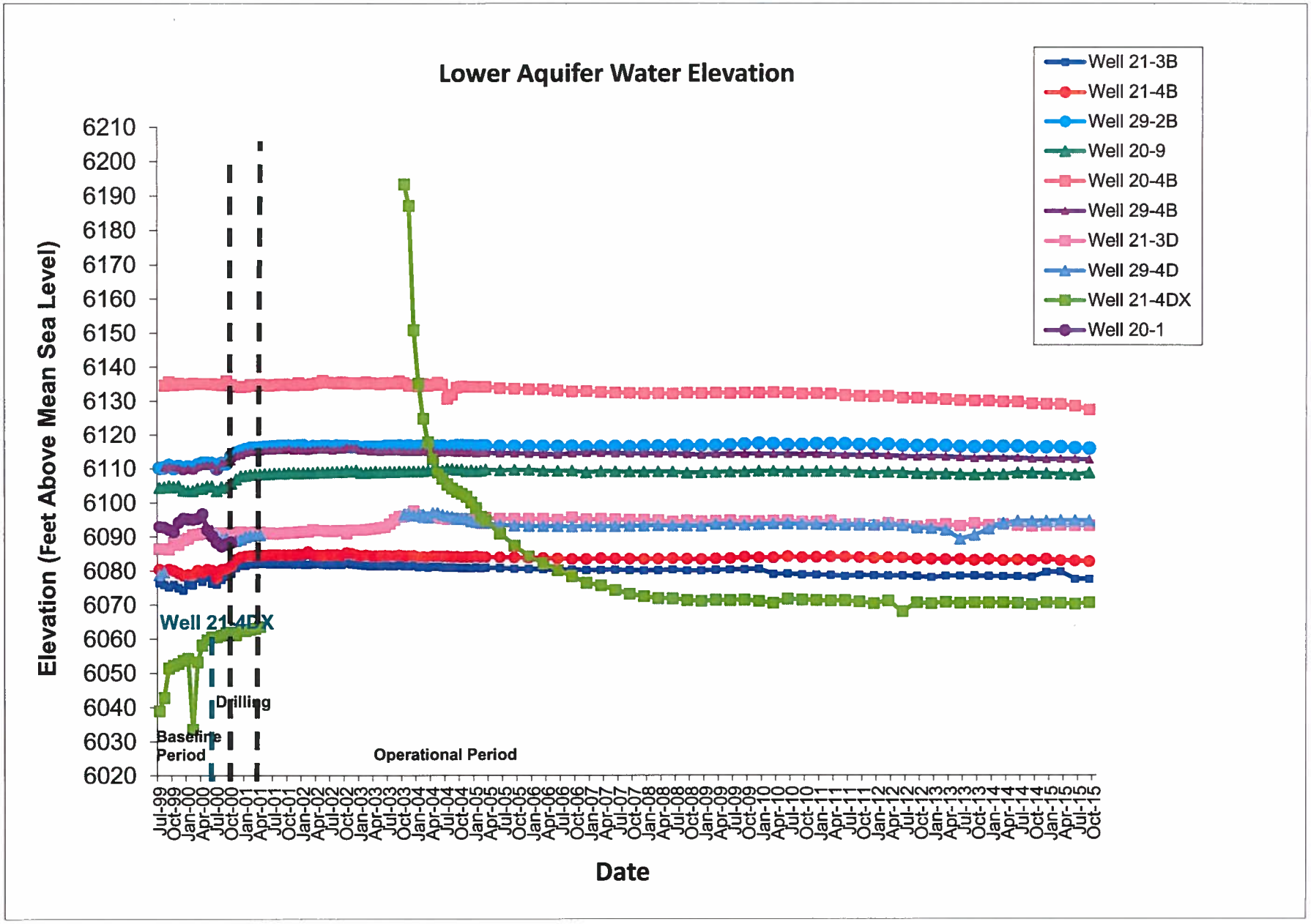
JANUARY 2005 - SEPTEMBER 2015

Well ID	Well 20-4B		Well 29-4B		Well 21-3D		Well 29-4D	
Installation Date	8/27/1999		8/21/1999		7/8/1999		7/15/1999	
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)
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
Jun-12	291.65	6130.95	45.13	6113.57	25.50	6093.40	66.19	6093.21
Sep-12	291.68	6130.92	45.25	6113.45	25.88	6093.02	66.85	6092.55
Dec-12	291.83	6130.77	45.12	6113.58	25.58	6093.32	66.97	6092.43
Mar-13	292.15	6130.45	45.23	6113.47	25.26	6093.64	67.45	6091.95
Jun-13	292.40	6130.20	45.43	6113.27	25.79	6093.11	70.13	6089.27
Sep-13	292.45	6130.15	45.65	6113.05	25.00	6093.90	69.00	6090.40
Dec-13	292.57	6130.03	45.50	6113.20	25.52	6093.38	67.15	6092.25
Mar-14	292.82	6129.78	45.60	6113.10	25.30	6093.60	65.48	6093.92
Jun-14	292.79	6129.81	45.60	6113.10	25.63	6093.27	64.80	6094.60
Sep-14	293.31	6129.29	45.87	6112.83	25.88	6093.02	64.84	6094.56
Dec-14	293.48	6129.12	45.98	6112.72	25.68	6093.22	64.78	6094.62
Mar-15	293.52	6129.08	45.89	6112.81	25.53	6093.37	64.66	6094.74
Jun-15	294.05	6128.55	45.93	6112.77	25.70	6093.20	64.64	6094.76
Sep-15	295.12	6127.48	46.05	6112.65	25.60	6093.30	64.73	6094.67

Lower Aquifer Wells Water Elevation Summary Continued

JANUARY 2005 - SEPTEMBER 2015

Well ID	Well 21-4D		Well 20-1		Well 21-4DX			
Installation Date	7/14/1999		5/19/1905		2/25/2000			
Screened Interval (ft)	4835.6 - 4845.6		Pump Set @ 4882.5		4841.5 - 4851.5			
Collar or Ground Elevation (Feet Above Mean Sea Level)	6277.6		6232.5		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)
Jan-05	Replaced With Well 21-4DX		Well 20-1 was Plugged and Abandoned 10/23/00.		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					212.33	6071.17		
Jun-11					212.25	6071.25		
Sep-11					212.61	6070.89		
Dec-11					213.08	6070.42		
Mar-12					212.30	6071.20		
Jun-12					215.50	6068.00		
Sep-12					212.90	6070.60		
Dec-12					213.13	6070.37		
Mar-13					212.74	6070.76		
Jun-13					213.01	6070.49		
Sep-13					212.97	6070.53		
Dec-13					212.8	6070.7		
Mar-14					212.9	6070.6		
Jun-14					213.0	6070.5		
Sep-14					213.4	6070.1		
Dec-14					212.9	6070.6		
Mar-15					213.0	6070.5		
Jun-15					213.3	6070.2		
Sep-15					212.9	6070.6		


Lower Aquifer Water Elevation
Well 21-3B
Well 21-4B
Well 29-2B
Well 20-9
Well 20-4B
Well 29-4B
Well 21-3D
Well 29-4D
Well 21-4DX
Well 20-1
Elevation (Feet Above Mean Sea Level)
6210
6200
6190
6180
6170
6160
6150
6140
6130
6120
6110
6100
6090
6080
6070
6060
6050
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6020
Well 21-4DX
Drilling
Baseline Period
Operational Period
Jul-99
Oct-99
Jan-00
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Jan-06
Apr-06
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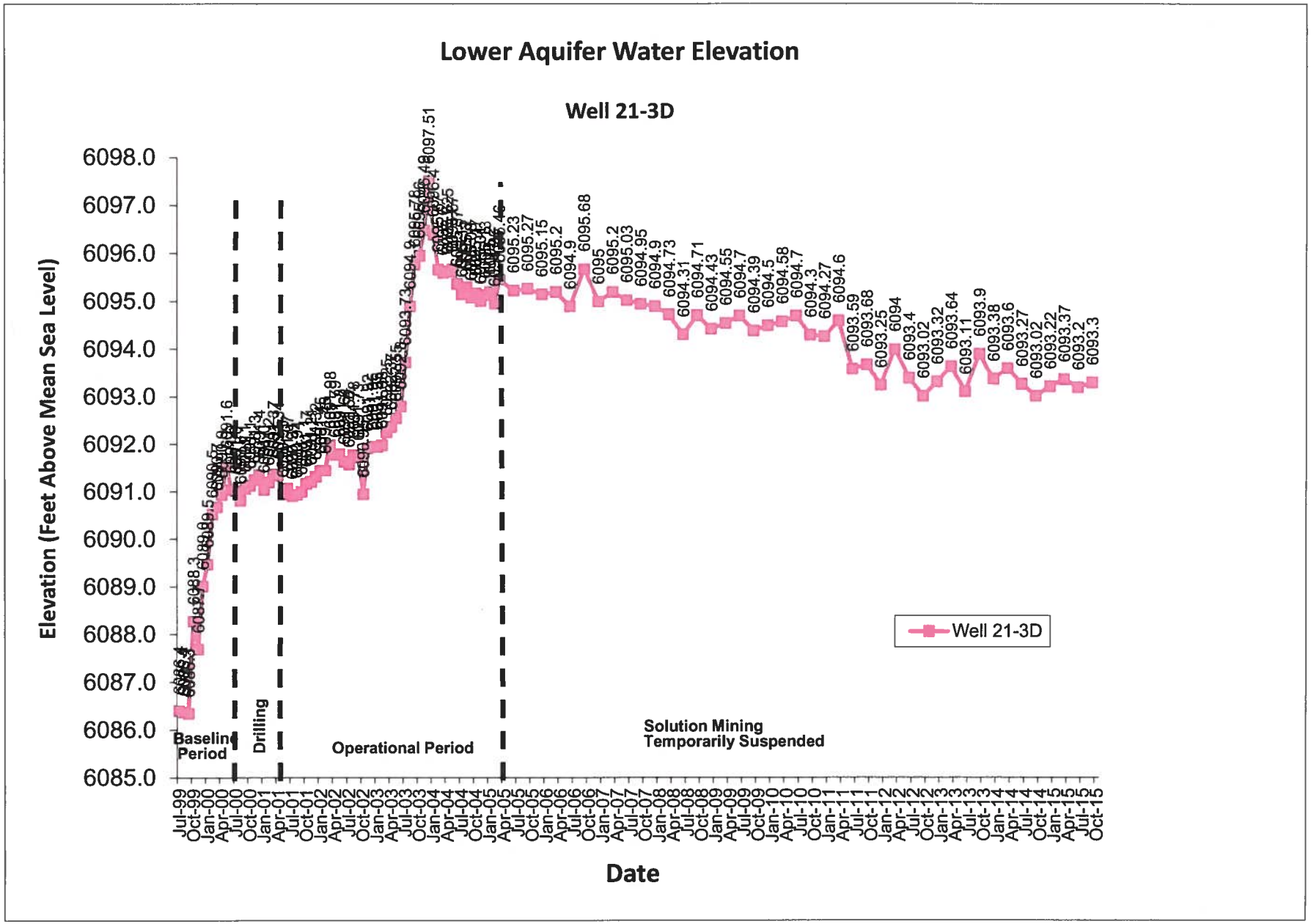
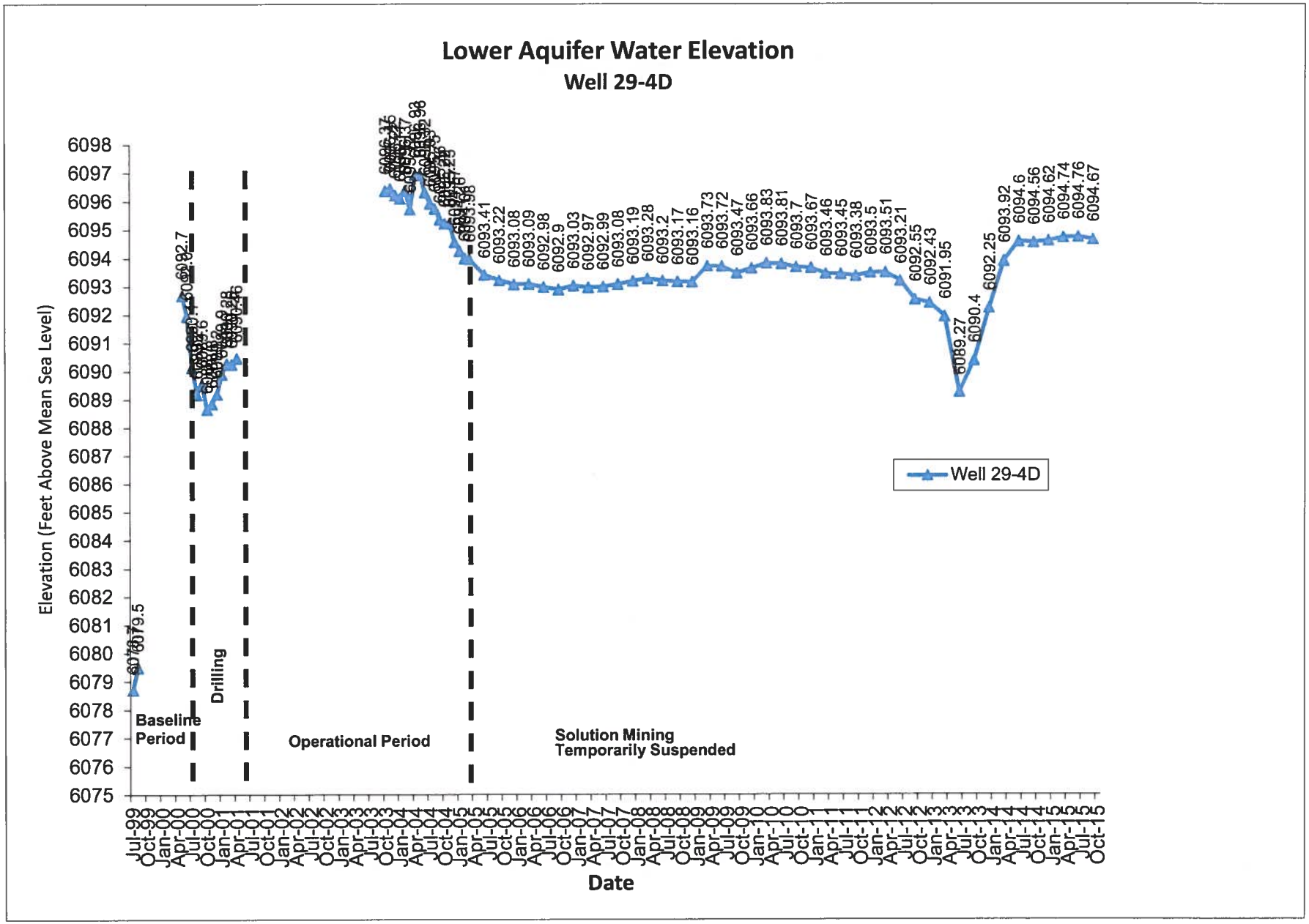
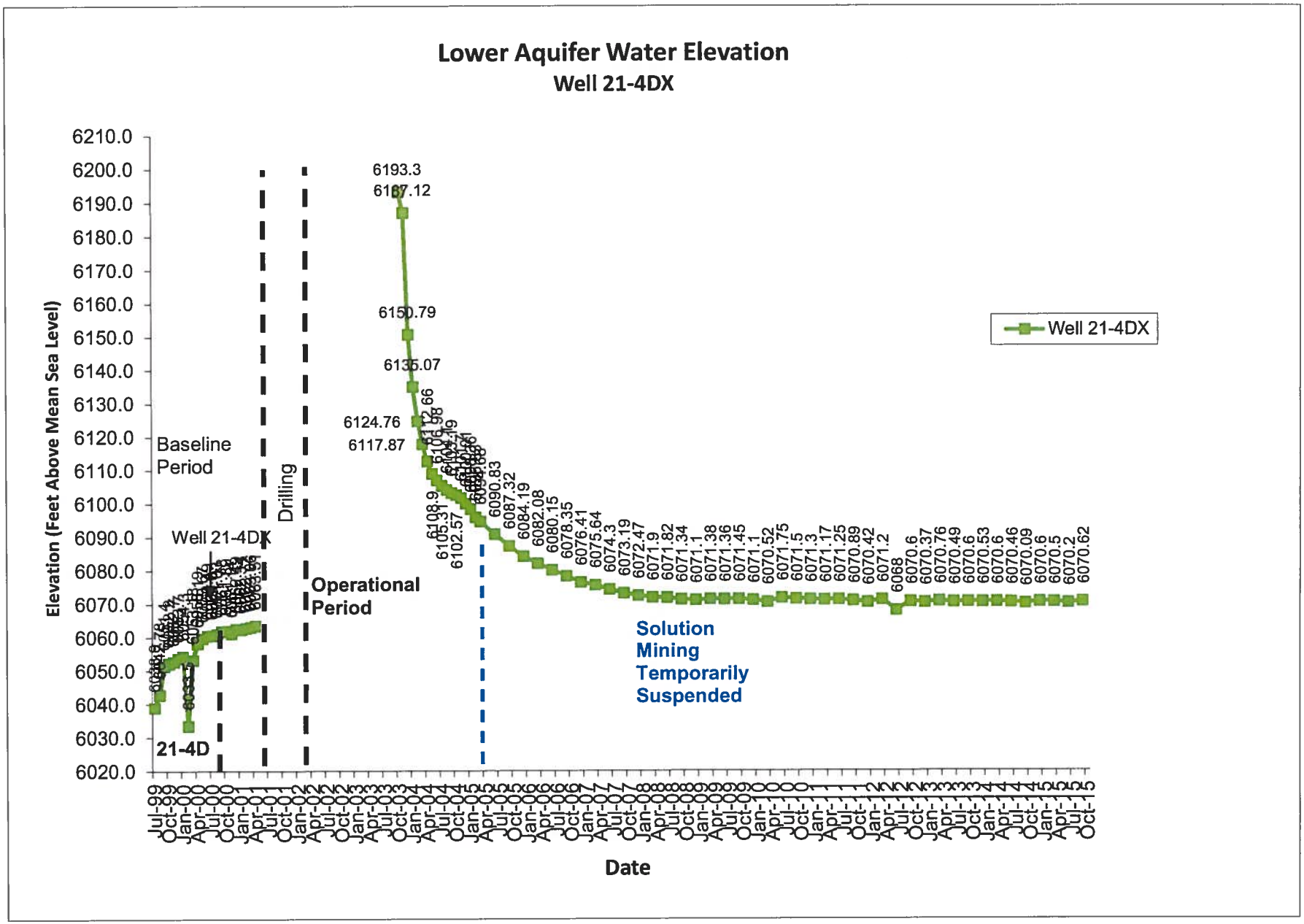
Jan-15
Apr-15
Jul-15
Oct-15
Date


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
Solution Mining Temporarily Suspended
21-4D
6193.3
6187.12
6150.79
6135.07
6124.76
6117.87