AMERICAN SODA, L.L.P.

David Valvoda
Plant Manager

2717 County Road 215
Parachute, CO 81635

Telephone (970) 285-6500
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Thursday, July 26, 2012

ENV032.12

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

Dear Mr. Marshall:

Enclosed are two copies of American Soda's 47th Quarterly Report in compliance with Hard Rock Mining Operation Permit No. M-99-002. One copy of the document is not bound so it can easily be electronically scanned. These documents include environmental ground water monitoring data collected and compiled during our forty-seventh quarter of operations (June 2012). No solution mining activity occurred during the report period.

The ground water data summary report is spiral bound as a non-confidential document and includes a comparison of the 47th 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 four data values above the calculated EWI during the report period. This information is summarized in the Executive Summary of the Ground Water Monitoring report.

Mechanical integrity testing (MIT) was completed on the remaining production wells. One well, well 28-21 long string failed MIT and will be plugged and abandoned in August 2012. Correspondence will be sent to your office indicating the schedule once the actual date is set. Vegetation management is ongoing throughout the quarter. No other activity regarding the production wells or well field occurred during the report period.

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

Sincerely,

David Valvoda

David Valvoda
Plant Manager

DV/CMA

Enclosures: 47th Quarter Ground Water Monitoring Report – Temporary Abandonment Status – Modification #9 EPA Permit No. CO3858-00000
April 1, 2012 through June 30, 2012

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

AMERICAN SODA, LLP

YANKEE GULCH
SODIUM MINERALS PROJECT

April 1, 2012 through June 30, 2012

47th QUARTER PHASE I – INTERIM STATUS

GROUND WATER MONITORING REPORT

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

Submitted To:

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

By:

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

July 26, 2012

DMG – Travis Marshall (4/6)

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Executive Summary

American Soda, L.L.P. is submitting this 47th 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 April 1, 2012 through June 30, 2012. The Piceance processing plant and well field were in temporary suspension of production operations status and no solution mining activity occurred during the report period.

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

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

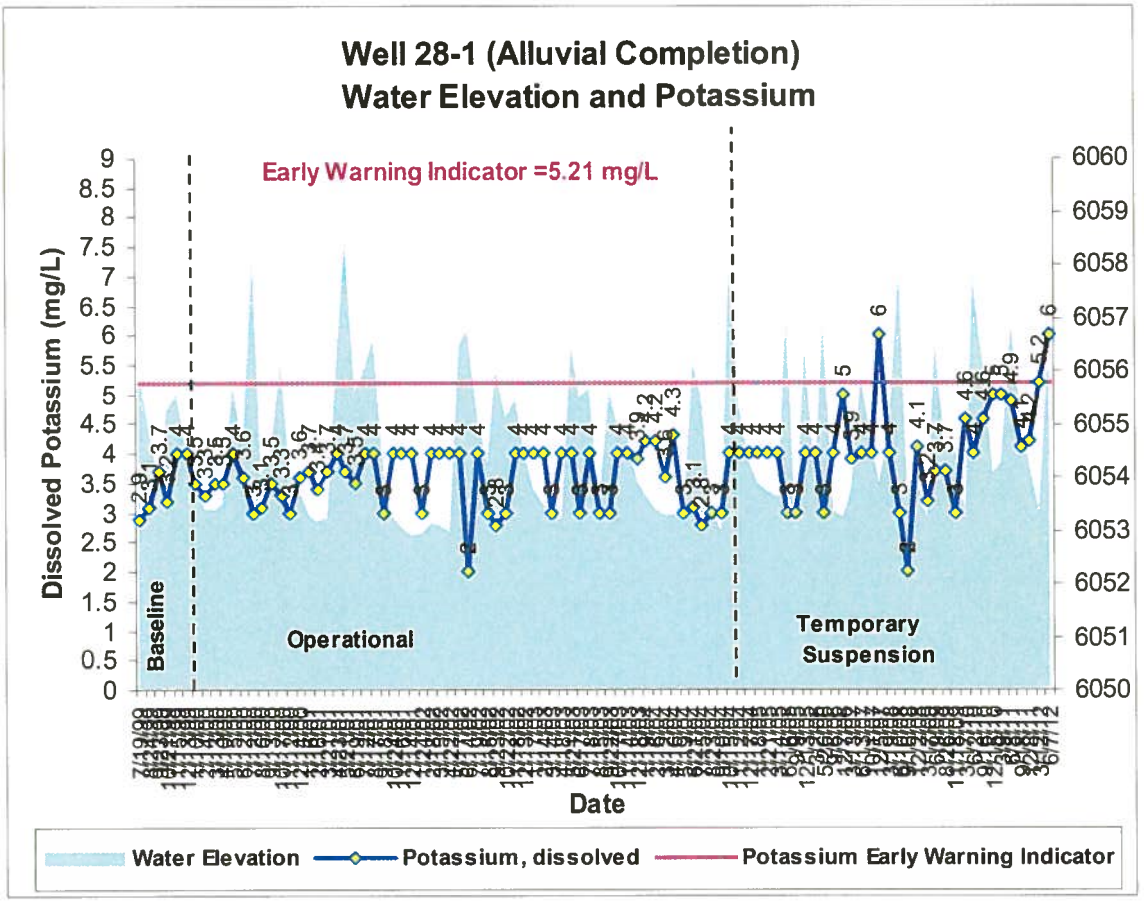
operational statistics are calculated for all data prior to the reporting period. Colorado Division of Reclamation and Mine Safety (CDRMS) defined Numeric Protective Levels (NPL) and Early Warning Indicators (EWI) are shown for each constituent at each well where these statistical values apply.

Comparison of the data values with the Early Warning Indicators (EWI) and the Numeric Protective Levels (NPL) indicates four values flagged above the calculated limits during the sample period. All four of the flagged values are different constituents including dissolved potassium in alluvial, up-gradient well 28-1, dissolved sodium in alluvial, down-gradient well 21-5, and total alkalinity and total dissolved solids both from in-panel lower aquifer B-groove well 20-9. The elevated values are distributed among different locations in relation to the 0 – 5 year mining panel. There is one up-gradient point, one down-gradient point and one in-panel location. The flagged values are from two aquifers; the alluvial aquifer and the lower aquifer, B-groove. All elevated values are from single completion wells.

Alluvial Well 28-1 (Up Gradient)

Analysis of the data collected in the 47th Quarter shows one data point for dissolved potassium elevated above the EWI indicator at up gradient alluvial well 28-1. The sample, collected in June 2011, indicates a value for dissolved potassium of 6 mg/L. The calculated EWI for this constituent at this monitoring point is 5.21 mg/L, a difference of 0.79 mg/L. The baseline mean value for dissolved potassium at this location is 3.5 mg/L computed from 15 baseline samples. The maximum value observed in the baseline period is 4 mg/L. The operational mean value determined from 81 samples is 3.8 mg/L. The value of dissolved potassium at alluvial well 28-1 has exceeded the EWI level one time previously in the period of record. A value of 6 mg/L was also reported in the December 5, 2007 sample. The water elevation during the current reporting period is not remarkably different from the historical record although the previous measured water level from last quarter is one of several low points. The

water elevation at up-gradient alluvial well 28-1 is provided in the following hydrograph.



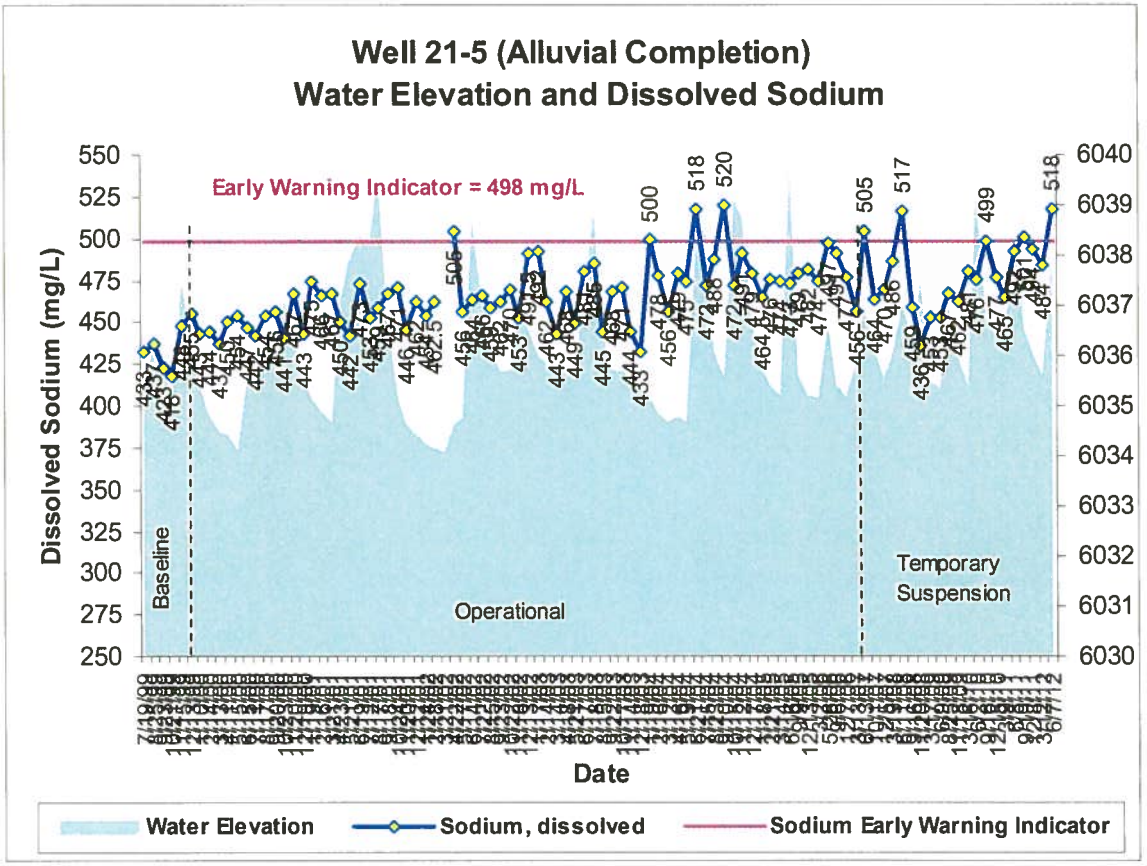
The cation/anion balance for the June 2012 sample from alluvial well 28-1 is 4.2 %. The sum of the anions and cations measured from this sample are 79.5 meq/L and 86.4 meq/L, respectively. Conductivity (5690 umhos/cm) and total dissolved solids (5060 mg/L) were both in-line with historical values and below EWL range. The values for all other indicator parameters analyzed were below the EWI levels showing no marked corresponding increase. Data validation and QA/QC samples indicate no apparent laboratory or sampling issues. Monitoring of alluvial well 28-1 will continue on a quarterly frequency.

Alluvial Well 21-5 (Down Gradient)

Analysis of the data collected in the 47th Quarter shows one data point for dissolved sodium elevated above the EWI indicator at down gradient alluvial well 21-5. The sample, collected in June 2012, indicates a value for dissolved sodium of 518 mg/L. The calculated EWI for this constituent at this monitoring point is 498 mg/L, a difference of 20 mg/L. The baseline mean value for dissolved sodium at this location is 443 mg/L computed from 15 baseline samples. The maximum value observed in the baseline period is 456 mg/L. The operational mean value determined from 82 samples is 470 mg/L. The value of dissolved sodium at alluvial well 21-5 has exceeded the EWI level seven times previously in the operational period of record. The points indicated above the EWI level (489 mg/L) are summarized in the following table along with their respective sample dates:

Date of Sample	Alluvial Well 21-5 Dissolved Sodium (mg/L)
Early Warning Indicator	498
April 22, 2002	505
January 19, 2004	500
June 21, 2004	518
September 10, 2004	520
June 13, 2007	505
June 11, 2008	517
September 16, 2010	499
June 7, 2012	518

The seasonal water level variations do not seem to correlate closely with fluctuations in the concentration of dissolved sodium. The historical record of dissolved sodium samples collected versus the ground water elevation at alluvial well 21-5 is provided in the following hydrograph.



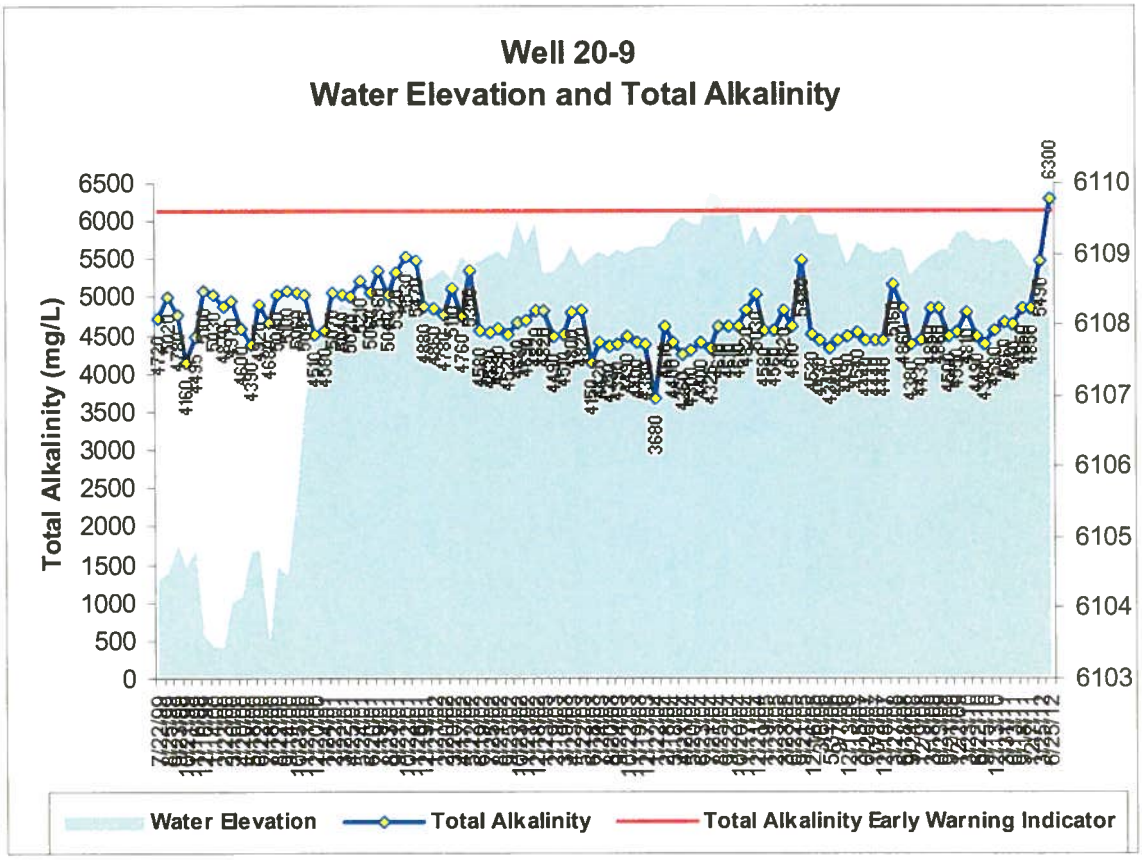
The cation/anion balance for the June 2012 sample from alluvial well 21-5 is 1.3 %. The sum of the anions and cations measured from this sample are 34.7 meq/L and 25.6 meq/L, respectively. Conductivity (2790 umhos/cm) and total dissolved solids (2010 mg/L) were both in-line with historical values and below EWL range. The values for all other indicator parameters analyzed were below the EWI levels showing no marked corresponding increase. Data validation and QA/QC samples indicate no apparent laboratory or sampling issues. Monitoring of alluvial well 21-5 will continue on a quarterly frequency.

Lower Aquifer B-Groove Well 20-9

Analysis of the data collected in the 47th Quarter shows two data points elevated above the EWI indicator at in panel B-Groove lower aquifer well 20-9. At well 20-9 in June 2012 a QA/QC sample duplicate was collected. Both the primary sample and the duplicate sample results are 6300 mg/L for Total Alkalinity. Total

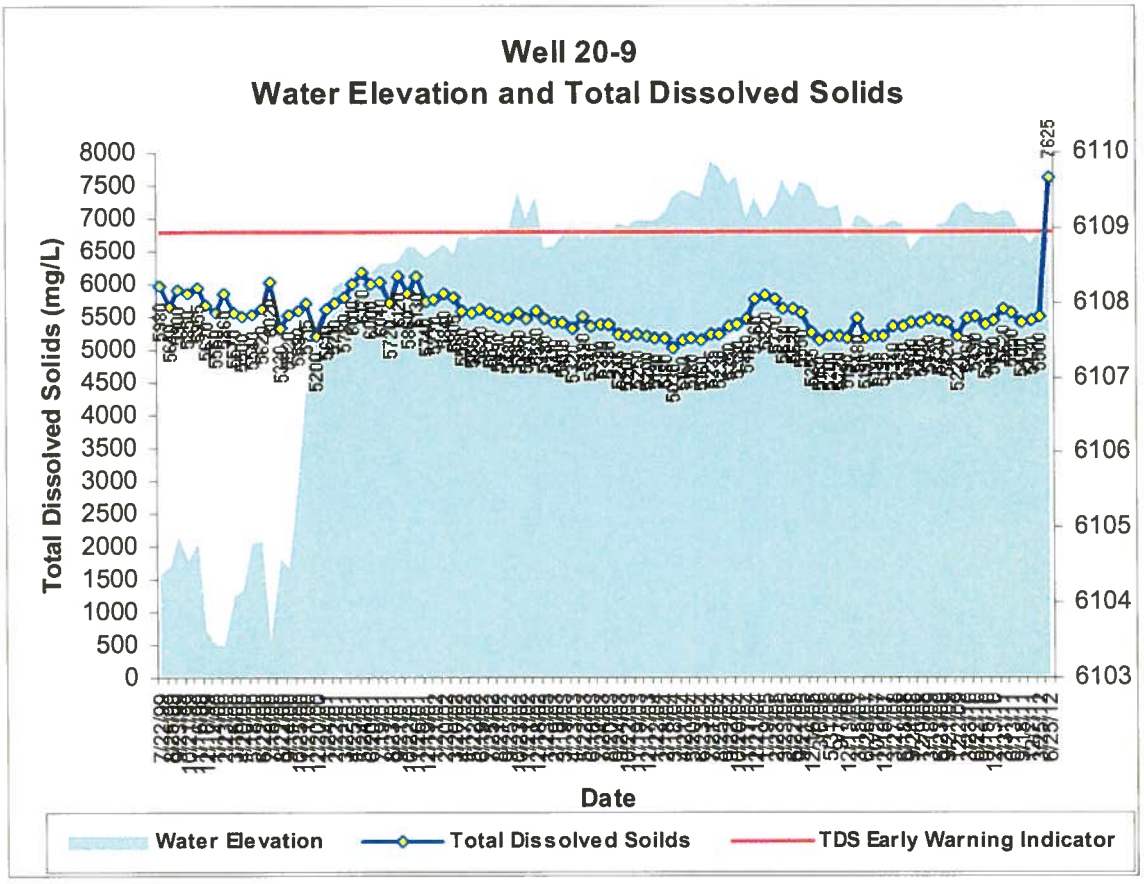
sample and the duplicate sample results are 6300 mg/L for Total Alkalinity. Total alkalinity is comprised of bicarbonate as $CaCO_3$ (6300 mg/L), carbonate as $CaCO_3$ (below detection at <2 mg/L), and hydroxide as $CaCO_3$ (below detection at < 2mg/L) in both the primary and duplicate sample collected in June 2012. The calculated EWI for total alkalinity at this monitoring point is 6138 mg/L, a difference of 162 mg/L. The baseline mean value for total alkalinity at this location is 4792 mg/L computed from 15 baseline samples. The maximum value observed in the baseline period is 5100 mg/L. The operational mean value determined from 82 samples is 4703 mg/L. This is the first occurrence of the total alkalinity constituent exceeding the EWI during the operational period of record for this monitoring location.

The historical record of total alkalinity samples collected versus the ground water elevation at lower aquifer well 20-9 is provided in the following graph.



The data for lower aquifer well 20-9 is also indicating an elevated total dissolved sodium value during the current monitoring period. The June 2012 value for total dissolved solids is 7625 mg/L. This value is averaged from the data results of a primary sample 7640 mg/L and a duplicate sample 7610 mg/L. The calculated EWI for this constituent at well 20-9 is 6793 mg/L. The difference between these two values is 832 mg/L. Data from the baseline period for this constituent at this monitoring point shows a mean value of 5700 mg/L and the operational period is represented by a mean value for total dissolved solids of 5488 mg/L. The maximum value recorded for total dissolved solids at well 20-9 in the baseline period is 6020 mg/L and the maximum value for the operational period prior to this quarter is 6170 mg/L. The total dissolved solids concentration has not been above the calculated EWI in the historical record.

The historical record of total dissolved solid samples collected versus the ground water elevation at well 20-9 is provided in the following hydrograph.



The cation/anion balance for the June 2012 sample from lower aquifer well 20-9 is -3.6 %. The sum of the anions and cations measured from these results are 138 meq/L and 129 meq/L, respectively. Conductivity (9200 umhos/cm) is in-line with historical values and below EWL range. The values for all other indicator parameters analyzed were below the EWI levels showing no marked corresponding increase. Data validation and QA/QC samples indicate no apparent laboratory or sampling issues. Monitoring of alluvial well 20-9 will continue on a quarterly frequency.

AMERICAN SODA INTERIM STATUS

DATA SUMMARY GROUND WATER WELL 28-1

JULY 1, 1999 - JUNE 30, 2012

Well ID	28-1	28-1	28-1	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - MARCH 31, 2012					
Sample Date	12/8/2011	12/8/2011	6/7/2012	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Primary	Level	Indicator	Regulation	Standard												
Completion Horizon	Alluvial	Alluvial	Alluvial	(NPL)	(EWI)	Number 41	Classification	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Parameter (mg/l)**																			
Boron, dissolved	0.65	0.65	0.7	None	0.94	0.75	Agricultural	15	0	0.72	0.52	0.605	0.056	81	0	0.72	0.51	0.63	0.040
Calcium, dissolved	89	93.8	93	None	None	None	None	15	0	77.5	52.7	68.4	7.2	81	0	99.1	51.9	81.3	8.2
Iron, dissolved	0.05	<0.04	<0.2	None	None	0.3	Secondary Drinking Water	15	9	0.12	0.005	0.027	0.033	81	57	0.32	0.005	0.046	0.049
Lithium, dissolved	0.03	<0.04	<0.2	None	2.5	2.5	Agricultural	15	15	0.05	0.02	0.026	0.012	81	67	0.1	0.02	0.044	0.013
Magnesium, dissolved	402	443	410	None	None	None	None	15	0	340	224	282.6	32.3	81	0	426	200	345.4	39.8
Potassium, dissolved	4.2	5.2	6.0	None	5.21	None	None	15	0	4	2.9	3.5	0.4	81	0	9	2	3.8	0.9
Silica, dissolved	26.9	25.4	27	None	35.96	None	None	15	0	28	20.8	24.6	2.2	81	0	29	21.2	26.3	1.2
Sodium, dissolved	982	956	1090	None	1294	None	None	15	0	961	659	830.3	77.7	81	0	1100	673	935	81
Bicarb as CaCO3	1030	1100	1110	None	None	None	None	15	0	1130	985	1055	37	81	0	1550	865	1094	90
Carbonate as CaCO3	95	31	<2	None	None	None	None	15	15	10	1	5	5	81	70	95	1	8	19.62
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	10	1	5	5	81	81	1	1	1	0.00
Total Alkalinity	1120	1130	1110	None	1290	None	None	15	0	1130	985	1055	37	81	0	1550	865	1101	88
Cation-Anion Balance %	0.9	1	4.2					15	12	22.9	-8.4	-1.2	7.1	81	55	13.8	-8.55	-1.0	3.5
Sum of Anions meq/L	79.3	81.6	79.5					15	0	73.4	37.9	65.19	8.53	81	0	90.15	54.6	75.37	6.78
Sum of Cations meq/L	80.7	83.2	86.4					15	0	73.6	50.3	63.36	6.33	81	0	87	50.4	73.75	6.94
Chloride	79	81	95	None	None	250	Secondary Drinking	15	0	83	53	73	8	81	0	91	49	75	6
Cond @ 25C (umhos/cm)	5730	5830	5690	None	7324	None	None	15	0	5390	3640	4832	449	81	0	6500	4090	5377	490
Fluoride	0.7	0.7	0.7	None	2	2	Agricultural	14	0	0.9	0.7	0.8	0.08	81	0	1.2	0.4	0.7	0.13
pH (units)	8.2	8.3	8.2	None	None	6.5 - 8.5	Secondary Drinking	15	0	8.3	7.5	7.8	0.2	81	0	8.5	6.9	7.9	0.3
Total Dissolved Solids	5020	5080	5060	None	5407	4948	TDS Water Quality Standards	15	0	4380	3450	3958	248	81	0	5310	3260	4542	401
Sulfate	2600	2700	2600	None	None	250	Secondary Drinking	15	0	2350	710	2000	393	81	0	2900	1600	2435	264
TDS (calc)	4860	4980	4990					15	0	4480	2570	3921	474	81	0	5270	3250	4574	400
TDS ratio	1.03	1.02	1.01					15	0	1.5	0.92	1.02	0.14	81	0	1.16	0.9	0.994	0.05
Temperature	10	11.2	14.1					15	0	17.1	10.3	14.0	2.2	81	0	16.6	7.8	11.5	1.7

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

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

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

AMERICAN SODA INTERIM STATUS

DATA SUMMARY GROUND WATER WELL 21-2

JULY 1, 1999 - JUNE 30, 2012

Well ID	21-2	21-2	21-2	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - MARCH 31, 2012					
Sample Date	12/8/11	3/12/12	6/7/12	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	0.16	0.15	0.16	None	0.75	0.75	Agricultural	15	0	0.2	0.15	0.162	0.017	82	0	0.17	0.1	0.15	0.012
Calcium, dissolved	126	130	125	None	None	None	None	15	0	139	100	124.8	9.0	82	0	145	114	125.6	5.7
Iron, dissolved	0.39	0.66	0.66	None	None	0.3	Secondary Drinking Water	15	0	0.89	0.05	0.602	0.265	82	0	0.88	0.062	0.702	0.146
Lithium, dissolved	0.09	0.08	0.09	None	2.5	2.5	Agricultural	15	2	0.12	0.05	0.089	0.014	82	3	0.5	0.05	0.094	0.046
Magnesium, dissolved	163	179	165	None	None	None	None	15	0	177	156	162.2	6.1	82	0	185	146	161.6	7.3
Potassium, dissolved	1.4	2	2.2	None	3.11	None	None	15	2	2	1	1.5	0.2	82	3	2.7	1	1.5	0.25
Silica, dissolved	53.3	50.7	54.5	None	82.06	None	None	15	0	57.3	34.9	50.9	5.4	82	0	66	49.3	54.1	2.43
Sodium, dissolved	219	214	226	None	425	None	None	15	0	600	201	247.8	101.1	82	0	247	180	210	12
Bicarb as CaCO3	858	868	883	None	None	None	None	15	0	1810	791	970	248	82	0	1050	645	868	61
Carbonate as CaCO3	<2	<2	<2	None	None	None	None	15	15	10	1	5	5	82	82	1	-2	1	0
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	10	1	5	5	82	82	1	-2	1	0
Total Alkalinity	858	868	883	None	1493	None	None	15	0	1810	791	970	248	82	0	1050	645	868	61
Cation-Anion Balance %	2.3	2.8	1.5					15	5	5	-4.7	0.02	2.8	82	40	10.2	-7.9	0.5	3.2
Sum of Anions meq/L	28.1	29	28.9					14	0	33.9	27.3	29.84	1.88	82	0	32.6	25.3	28.71	1.27
Sum of Cations meq/L	29.4	30.7	29.8					14	0	34.7	27.7	29.67	1.84	82	0	33	26.3	28.95	1.14
Chloride	16	16	18	None	None	250	Secondary Drinking	15	0	23	10	13	3	82	0	18	10	14	2
Cond @ 25C (umhos/cm)	2130	2220	2220	None	3154	None	None	15	0	22300	2090	3684	5164	82	0	2395	565	2146	204
Fluoride	0.3	0.3	0.3	None	2.0	2.0	Agricultural	15	0	0.5	0.3	0.4	0.1	82	1	18	0.05	0.5	2.0
pH (units)	8	8	7.8	None	None	6.5 - 8.5	Secondary Drinking	15	0	8	6.4	7.1	0.4	82	0	8.2	5.5	7.4	0.4
Total Dissolved Solids	1600	1610	1610	None	2060	2076	TDS Water Quality Standards	15	0	2550	1510	1661	253	82	0	1700	1460	1578	38
Sulfate	500	530	510	None	None	250	Secondary Drinking	15	0	550	530	536	7	82	0	750	400	520	37
TDS (calc)	1590	1640	1630					15	0	2550	1560	1725	242	82	0	1740	1500	1613	46
TDS ratio	1.01	0.98	0.99					15	0	1.01	0.93	0.96	0.02	82	0	1.08	0.88	0.979	0.04
Temperature	9.3	11.2	14.6					15	0	18.1	8.7	12.1	2.5	82	0	16.8	6.9	11.6	2.1

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

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

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

AMERICAN SODA INTERIM STATUS

DATA SUMMARY GROUND WATER WELL 21-5

JULY 1, 1999 - JUNE 30, 2012

Well ID	21-5	21-5	21-5	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - MARCH 31, 2012					
Sample Date	12/8/2011	3/12/2012	6/7/2012	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Primary	Level	Indicator	Regulation	Standard												
Completion Horizon	Alluvial	Alluvial	Alluvial	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Boron, dissolved	0.41	0.43	0.42	None	0.75	0.75	Agricultural	15	0	0.43	0.36	0.389	0.017	82	0	0.43	0.19	0.39	0.029
Calcium, dissolved	50.5	54.4	52.4	None	None	None	None	15	0	56.3	51.2	53.0	1.4	82	0	58.7	38.3	53.0	2.6
Iron, dissolved	0.10	0.09	0.1	None	None	0.3	Secondary Drinking Water	15	0	0.23	0.06	0.173	0.048	82	0	0.5	0.07	0.146	0.060
Lithium, dissolved	0.05	0.06	0.06	None	2.5	2.5	Agricultural	15	0	0.07	0.05	0.061	0.005	82	0	0.08	0.03	0.063	0.0068
Magnesium, dissolved	117	133	123	None	None	None	None	15	0	135	122	128.0	3.0	82	0	137	61.2	124.0	9.2
Potassium, dissolved	2.1	2.5	2.6	None	3.86	None	None	15	1	2.3	1	2.0	0.3	82	0	3.5	1	2.1	0.3
Silica, dissolved	27.6	26.4	28.4	None	31.84	None	None	15	0	29.3	27	28.0	0.7	82	0	31.1	26	28.3	1.0
Sodium, dissolved	494	484	518	None	498	None	None	15	0	456	418	442.7	11.5	82	0	520	356	470	23
Bicarb as CaCO3	852	918	956	None	None	None	None	15	0	975	801	858	45	82	0	1170	656	878	64
Carbonate as CaCO3	108	42	28	None	None	None	None	15	14	20	1	5	6	82	58	108	1	15	26
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	10	1	4	4	82	82	1	1	1	0
Total Alkalinity	960	960	984	None	1167	None	None	15	0	975	801	860	44	82	0	1250	656	891	71
Cation-Anion Balance %	-0.7	0.3	1.3					15	7	3.35	-2.8	0.3	1.6	82	43	9.1	-10.4	-0.3	2.6
Sum of Anions meq/L	34.4	34.8	34.7					14	0	35.75	32	33.01	1.00	82	0	39.4	30	33.86	1.27
Sum of Cations meq/L	33.9	35	25.6					14	0	33.8	31.2	32.86	0.69	82	0	36.7	25.5	33.65	1.57
Chloride	37	38	38	None	250	250	Secondary Drinking	14	0	37	25	30	3	82	0	38	28	32	2
Cond @ 25C (umhos/cm)	2700	2750	2790	None	3331	None	None	15	0	2690	2110	2572	148	82	0	2970	1270	2650	200
Fluoride	1.4	1.5	1.5	None	2	2	Agricultural	14	0	1.5	1.2	1.4	0.1	82	0	1.85	0.1	1.4	0.2
pH (units)	8.3	8.3	8.3	None	None	6.5 - 8.5	Secondary Drinking	15	0	8.3	7.6	7.9	0.2	82	0	8.7	7.1	8.1	0.3
Total Dissolved Solids	2010	2030	2010	None	2116	2319	TDS Water Quality Standards	15	0	1940	1780	1855	45	82	0	2030	1870	1938	32
Sulfate	670	690	660	None	None	250	Secondary Drinking	15	0	730	700	709	10	82	0	770	580	717	48
TDS (calc)	1980	2010	2010					15	0	2010	1880	1916	37	82	0	2170	1730	1972	59
TDS ratio	1.02	1.01	1					14	0	1	0.95	0.97	0.02	82	0	1.1	0.89	0.985	0.03
Temperature	8.4	12.3	14.9					15	0	15.5	8.1	12.2	1.9	82	0	17.6	8.3	11.9	1.7

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

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

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

AMERICAN SODA INTERIM STATUS

DATA SUMMARY GROUND WATER WELL 20-8

JULY 1, 1999 - JUNE 30, 2012

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

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

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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 21-4U

JULY 1, 1999 - JUNE 30, 2012

Well ID	21-4U	21-4U	21-4U	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - MARCH 31, 2012					
Sample Date	11/27/2011	2/27/2012	6/31/12	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	3.1	3	3.1	None	4.17	0.75	Agricultural	15	0	3.4	2.7	3.119	0.182	82	0	4.3	0.3	2.95	0.374
Calcium, dissolved	5	5	5	None	None	None	None	15	0	8	5	5.5	0.9	82	0	15	2.3	5.7	1.8
Iron, dissolved	0.3	0.2	<0.2	None	None	0.3	Secondary Drinking Water	15	1	1.8	0.05	0.868	0.637	82	10	3.4	0.05	0.503	0.484
Lithium, dissolved	0.7	0.7	0.7	None	2.5	2.5	Agricultural	15	0	0.8	0.6	0.746	0.066	82	1	0.9	0.1	0.708	0.092
Magnesium, dissolved	9	10	9	None	None	None	None	15	0	10	7	8.2	0.7	82	1	26	2	8.1	2.4
Potassium, dissolved	14	9	9	None	17.01	None	None	15	0	11	6	9.0	1.3	82	2	17	1.5	8.5	2.1
Silica, dissolved	12	12	12	None	24.63	None	None	15	0	18	12	13.3	1.7	82	1	20	11	12.6	1.5
Sodium, dissolved	5060	4830	5320	None	6265	None	None	15	0	5580	4960	5270.8	203.3	82	0	5580	4540	5074	227
Bicarb as CaCO3	10300	10300	10200	None	None	None	None	15	0	11600	7120	10189	1111	82	0	11700	8800	10769	556
Carbonate as CaCO3	170	390	479	None	None	None	None	15	14	3120	1	302	848	82	60	1050	1	99	198
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	62	50	82	82	1	-2	1	0
Total Alkalinity	10400	10700	10600	None	13788	None	None	15	0	11600	9620	10426	624	82	0	11700	8800	10866	520
Cation-Anion Balance %	-0.2	-3.2	1.3	N/A	N/A			15	4	6.8	-3.3	2.2	3.0	82	57	8	-7.9	-1.5	3.3
Sum of Anions meq/L	225	228	229	N/A	N/A			15	0	250	209	223.15	12.93	82	0	250	191	231.48	10.13
Sum of Cations meq/L	224	214	235	N/A	N/A			15	0	247	219	233.15	9.06	82	0	424	201	226.79	24.13
Chloride	500	450	520	None	None	250	Secondary Drinking	15	0	530	430	461	27	82	0	520	380	453	22
Cond @ 25C (umhos/cm)	15300	15600	16200	None	20957	None	None	15	0	17200	13800	15992	798	82	0	17500	8080	15584	1204
Fluoride	24.4	23.3	24.5	None	40.95	2	Agricultural	15	0	31	22	25.4	2.5	82	0	30	20	24.4	1.7
pH (units)	8.4	8.6	8.5	None	None	6.5 - 8.5	Secondary Drinking	15	0	8.5	7.7	8.0	0.3	82	0	8.85	7.8	8.2	0.3
Total Dissolved Solids	12600	12400	12400	None	14305	None	TDS Water Quality	15	0	13200	12300	12654	250	82	0	13000	11900	12523	201
Sulfate	<10	<20	<20	None	None	250	Secondary Drinking	15	13	200	5	32	54	81	66	250	0	13	37
TDS (calc)	11900	11800	12300	N/A	N/A			15	0	13300	11500	12154	590	82	0	13100	10900	12159	395
TDS ratio	1.06	1.05	1.01	N/A	N/A			15	0	1.12	0.94	1.04	0.05	82	0	1.15	0.95	1.030	0.04
Temperature	10.9	9.8	12.7	None	None			15	0	16.6	9.7	12.4	2.1	82	0	20	8.2	11.6	1.8

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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 OPERATIONAL PHASE 1

DATA SUMMARY GROUND WATER WELL 21-3U

JULY 1, 1999 - JUNE 30, 2012

Well ID	21-3U	21-3U	21-3U	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - MARCH 31, 2012					
Sample Date	11/28/2011	3/12/2012	6/7/2012	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Primary	Level	Indicator	Regulation	Standard												
Completion Horizon	Uinta	Uinta	Uinta	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Boron, dissolved	1.5	3.1	3.2	3.64	None	0.8	Agricultural	15	0	7	2.8	3.25	1.04	82	0	4.1	1.5	2.92	0.29
Calcium, dissolved	3	5	5	None	None	None	None	15	2	15	2	6.7	2.7	82	0	50	1.8	5.9	5.1
Iron, dissolved	<0.2	<0.2	<0.2	None	None	0.3	Secondary Drinking Water	15	0	1.2	0.08	0.40	0.270	82	27	0.9	0.03	0.18	0.14
Lithium, dissolved	0.4	0.8	0.8	2.5	None	2.5	Agricultural	15	0	1.4	0.7	0.827	0.174	82	0	0.9	0.4	0.78	0.09
Magnesium, dissolved	6	13	16	None	None	None	None	15	0	20	6	15.60	3.38	82	0	19	6	13.24	1.99
Potassium, dissolved	14	14	11	21.63	None	None	None	15	0	64	13	24.37	13.46	82	2	53	1.5	10.60	5.25
Silica, dissolved	5	10	11	24.61	None	None	None	15	0	83	10	18.23	18.49	82	0	14	5	11.12	1.08
Sodium, dissolved	6000	5620	5940	6961.72	None	None	None	15	0	13100	5530	6356	1873	82	0	7040	4850	5992.9	328.9
Bicarb as CaCO3	12200	13400	12400	None	None	None	None	15	0	22700	9770	12688	2881	82	0	14000	10100	12865	622
Carbonate as CaCO3	<2	<2	285	None	None	None	None	15	14	6900	1	507	1769	82	80	319	1	6.18	36.91
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	53.80	51.12	82	82	1	1	1.00	0.00
Total Alkalinity	12200	13400	12700	17545.33	None	None	None	15	0	29600	9770	13148	4620	82	0	14000	10100	12870	618
Cation-Anion Balance %	0.6	-6.9	-1.7					15	7	9.7	-3.2	1.53	3.11	81	63	12.5	-10.8	-1.93	3.96
Sum of Anions meq/L	262	286	272					15	0	633	213	282.6	98.3	82	0	345	220	275.79	14.73
Sum of Cations meq/L	265	249	263					15	0	578	245	281.9	82.2	82	0	312	215	265.3	14.6
Chloride	590	610	620	None	None	250	Secondary Drinking Water	15	0	1160	560	629	151	82	0	690	93	567	65
Cond @ 25C (umhos/cm	17800	18600	18200	21645.81	None	None	None	15	0	37500	16800	19700	4955	82	0	20700	1860	18041	2308
Fluoride	21.5	22.6	21.4	60.32	None	2	Agricultural	15	0	38.1	18	23.39	4.83	82	0	43.5	19	22.47	3.559
pH (units)	8.2	8.4	8.3	None	None	6.5 - 8.5	Secondary Drinking TDS Water Quality	15	0	9	7.7	8.02	0.34	82	0	8.6	7.6	8.10	0.25
Total Dissolved Solids	14700	14800	14600	15741	None	None		15	0	34100	14200	15807	5065	82	0	15100	12400	14587	316
Sulfate	<10	<20	<10	None	None	250	Secondary Drinking Water	15	5	300	5	45.0	75.2	82	60	3670	0.5	65.1	413.5
TDS (calc)	14000	14300	14200					15	0	35200	12400	15167	5563	82	0	18100	12100	14413	631
TDS ratio	1.05	1.03	1.03					15	0	1.16	0.97	1.05	0.05	82	0	1.11	0.81	1.01	0.04
Temperature	11.6	11.7	13.9					15	0	19.1	7.9	13.00	3.24	82	0	16.8	7.7	11.96	1.97

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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 - JUNE 30, 2012

Well ID	29-4U	29-4U	29-4U	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - MARCH 31, 2012					
Sample Date	12/21/2011	3/13/2012	6/12/2012	Protection	Warning	Standard													
Sample Type*	Average	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	0.25	0.25	0.25	None	None	0.75	Agricultural	15	0	0.36	0.29	0.315	0.023	82	0	0.36	0.25	0.27	0.017
Calcium, dissolved	4.4	4.5	4.5	None	None	None	None	15	0	7.7	3.1	4.2	1.0	82	0	5	2.6	3.6	0.6
Iron, dissolved	0.02	<0.02	<0.02	None	None	0.3	Secondary Drinking Water	15	0	0.4	0.03	0.099	0.086	82	18	0.09	0.01	0.029	0.018
Lithium, dissolved	0.05	0.06	0.06	None	None	2.5	Agricultural	15	0	0.13	0.06	0.070	0.018	82	1	0.6	0.05	0.066	0.060
Magnesium, dissolved	8.8	8.7	8.9	None	None	None	None	15	0	8.9	4.3	6.0	1.6	82	0	10.1	4	6.3	1.6
Potassium, dissolved	0.7	1	0.9	None	None	None	None	15	0	6	2	2.7	1.2	82	0	1.9	0.5	1.0	0.3
Silica, dissolved	13.3	13.3	13.6	None	None	None	None	15	0	34.9	15.2	20.5	4.3	82	0	20.5	12.3	16.2	2.0
Sodium, dissolved	289	275	292	None	None	None	None	15	0	1480	409	585.5	257.5	82	0	474	270	345	50
Bicarb as CaCO3	380	391	401	None	None	None	None	15	0	1500	400	644	279	82	0	612	301	448	68
Carbonate as CaCO3	75	77	64	None	None	None	None	15	0	740	110	213	162	82	1	161	1	93	24
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	10	1	5	5	82	82	1	1	1	0
Total Alkalinity	455	468	465	None	None	None	None	15	0	2240	640	857	400	82	0	703	386	540	68
Cation-Anion Balance %	1.3	-1.9	2.2					15	5	6.7	-5.1	1.5	3.1	82	43	15.8	-5.9	0.2	3.3
Sum of Anions meq/L	13.3	13.6	13.2					15	0	62.8	19.9	25.71	10.80	82	0	21.2	13	15.87	2.11
Sum of Cations meq/L	13.7	13.1	13.8					15	0	66.2	18.7	26.57	11.44	82	0	21.6	13	15.94	2.11
Chloride	15	16	17	None	None	250	Secondary Drinking	15	0	510	104	167	103	82	0	121	15	42	28
Cond @ 25C (umhos/cm)	1215	1250	1240	None	None	None	None	15	0	5780	1760	2309	996	82	0	1850	1060	1408	182
Fluoride	7.7	7.9	7.3	None	None	2	Agricultural	15	0	11	6	7.7	1.2	82	0	11	6.3	8.4	0.8
pH (units)	8.9	9	8.9	None	None	6.5 - 8.5	Secondary Drinking	15	0	9.5	8.7	9.1	0.2	82	0	9.3	8.2	9.0	0.2
Total Dissolved Solids	780	780	780	None	None	1826	TDS Water Quality Standards	15	0	3430	1070	1461	575	82	0	1160	750	907	118
Sulfate	160	162	147	None	None	250	Secondary Drinking	15	0	200	150	165	11	82	0	188	145	164	8
TDS (calc)	771	769	770					15	0	3820	1190	1559	650	82	0	1240	769	947	119
TDS ratio	1.01	1.01	1.01					15	0	0.98	0.88	0.94	0.03	82	0	1.09	0.9	0.958	0.04
Temperature	7.8	12.3	15.2					15	0	17.5	10.9	12.8	1.9	82	0	16.9	7.8	11.7	1.8

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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 20-5

JULY 1, 1999 - JUNE 30, 2012

Well ID	20-5	20-5	20-5	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - MARCH 31, 2012					
Sample Date	12/7/2011	3/25/2012	6/25/2012	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Primary	Level	Indicator	Regulation	Standard												
Completion Horizon	Uinta	Uinta	Uinta	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Boron, dissolved	0.44	0.44	0.44	None	0.75	0.75	Agricultural	15	0	0.49	0.28	0.413	0.059	82	0	0.61	0.2	0.45	0.056
Calcium, dissolved	11	10.1	10.7	None	None	None	None	15	0	40	13.8	18.6	7.6	82	0	17	8	11.6	1.9
Iron, dissolved	<0.1	0.09	<0.04	None	None	0.3	Secondary Drinking Water	15	6	0.28	0.01	0.080	0.090	82	27	1.7	0.01	0.117	0.220
Lithium, dissolved	<0.1	0.11	0.11	None	2.5	2.5	Agricultural	15	1	0.2	0.05	0.134	0.036	82	5	0.2	0.02	0.136	0.033
Magnesium, dissolved	28	26.6	27.1	None	None	None	None	15	0	73	33.9	41.5	10.8	82	0	42	22.9	31.0	4.3
Potassium, dissolved	<2	1.9	2.1	None	3.32	None	None	15	1	2.1	1	1.9	0.3	82	9	3.5	1	1.8	0.5
Silica, dissolved	16	17.1	16.4	None	27.97	None	None	15	0	28	11.9	15.5	4.2	82	0	18.5	6.7	14.9	2.4
Sodium, dissolved	1390	1320	1280	None	2534	None	None	15	0	1640	831	1396.4	212.5	82	0	1790	844	1471	146
Bicarb as CaCO3	3160	3170	3170	None	None	None	None	15	0	3790	2020	3212	492	82	0	4320	1846	3412	397
Carbonate as CaCO3	<2	<2	<2	None	None	None	None	15	13	400	1	45	110	82	73	398	1	16	64
Hydroxide as CaCO3	<2	<20	<2	None	None	None	None	15	15	100	1	12	25	82	82	10	-2	1	1
Total Alkalinity	3160	3170	3170	None	5746	None	None	15	0	3790	2020	3250	479	82	0	4320	1846	3428	388
Cation-Anion Balance %	-2.9	-5.7	-6.6					15	13	4.1	-7.4	-3.0	3.1	82	66	6.3	-18.8	-3.7	4.7
Sum of Anions meq/L	67.8	68.1	67.4					15	0	80.7	47	69.96	9.10	82	0	94.5	41.15	73.31	8.28
Sum of Cations meq/L	64	60.8	59.1					15	0	76.2	44.6	65.88	8.34	82	0	82.5	40.55	67.95	6.66
Chloride	125	129	110	None	None	250	Secondary Drinking	15	0	165	83	127	23	82	0	154	42	127	14
Cond @ 25C (umhos/cm)	4870	4960	4750	None	8444	None	None	15	0	6190	4150	5695	530	82	0	6630	2590	5435	675
Fluoride	8.5	8.7	8.8	None	17.3	2	Agricultural	15	0	11	5.3	8.4	1.4	82	0	11.2	0.2	9.1	1.2
pH (units)	8.4	8.3	8.3	None	None	6.5 - 8.5	Secondary Drinking	15	0	8.4	7.6	7.8	0.2	82	0	9.3	7.6	8.2	0.3
Total Dissolved Solids	3470	3440	3460	None	5878	4598	TDS Water Quality Standards	15	0	4110	2510	3678	431	82	0	4300	3440	3798	235
Sulfate	30	30	20	None	None	250	Secondary Drinking	15	0	190	10	45	51	82	11	110	0.5	27	17
TDS (calc)	3500	3450	3380					15	0	4150	2470	3624	443	82	0	4620	2165.5	3764	360
TDS ratio	0.99	1	1.02					15	0	1.09	0.95	1.02	0.04	82	0	3.84	0.85	1.040	0.32
Temperature	10.2	15.2	17					15	0	17.9	9.3	13.2	2.1	82	0	21.5	8	12.9	2.6

* 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 20-10

JULY 1, 1999 - JUNE 30, 2012

Well ID	20-10	20-10	20-10	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - MARCH 31, 2012					
Sample Date	12/11/2011	3/7/2012	6/7/2012	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Average	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	0.19	0.2	0.2	None	None	0.75	Agricultural	15	0	0.22	0.18	0.203	0.011	82	0	0.22	0.18	0.20	0.009
Calcium, dissolved	9.3	8.5	9.3	None	None	None	None	15	0	17.3	5	10.9	4.4	82	0	15	5.5	10.9	2.4
Iron, dissolved	<0.02	<0.02	<0.02	None	None	0.3	Secondary Drinking Water	15	1	0.23	0.005	0.048	0.057	82	60	0.15	0.005	0.015	0.021
Lithium, dissolved	0.07	0.07	0.07	None	None	2.5	Agricultural	15	2	0.09	0.05	0.073	0.012	82	1	0.13	0.06	0.079	0.009
Magnesium, dissolved	22.5	21	22.4	None	None	None	None	15	0	37.8	17	26.7	7.3	82	0	33.7	16.3	25.4	4.2
Potassium, dissolved	1.1	0.9	1	None	None	None	None	15	2	1.6	0.6	1.2	0.3	82	1	6	0.15	1.1	0.6
Silica, dissolved	17.1	16.8	17.1	None	None	None	None	15	0	20.1	17.1	18.7	0.8	82	0	21.7	16	18.6	1.4
Sodium, dissolved	299	292	298	None	None	None	None	15	0	694	303	510.3	131.6	82	0	631	3.5	370	93
Bicarb as CaCO3	537	487	511	None	None	None	None	15	0	1230	588	845	230	82	0	1180	476	641	140
Carbonate as CaCO3	61	70	69	None	None	None	None	15	3	390	1	98	96	82	6	125	1	56	27
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	10	1	4	4	82	82	1	1	1	0
Total Alkalinity	598	557	579	None	None	None	None	15	0	1315	611	942	278	82	0	1280	358	693	156
Cation-Anion Balance %	-3.1	-2.6	-2.55					15	4	16.3	-20.9	2.8	9.0	82	45	10.9	-10.2	0.3	4.0
Sum of Anions meq/L	16.5	15.8	16.3					14	0	31.5	17.4	24.49	5.05	82	0	28.8	15.4	18.94	2.82
Sum of Cations meq/L	15.5	15	15.5					14	0	32.2	16.3	25.85	4.95	82	0	29.6	15	19.16	3.49
Chloride	41	39	40	None	None	250	Secondary Drinking	14	0	180	33	89	42	82	0	141	24	56	22
Cond @ 25C (umhos/cm)	1410	1360	1420	None	None	None	None	15	0	2650	1380	2045	444	82	0	2560	1280	1617	240
Fluoride	6.8	6.7	6.9	None	None	2	Agricultural	14	0	10	5.8	8.6	1.1	82	0	10.9	6.5	7.7	1.0
pH (units)	8.7	8.7	8.8	None	None	6.5 - 8.5	Secondary Drinking	15	0	8.9	8.2	8.5	0.2	82	0	8.9	7.8	8.6	0.2
Total Dissolved Solids	860	880	890	None	None	1691	TDS Water Quality Standards	15	0	1780	950	1353	259	82	0	1610	860	1054	182
Sulfate	144	151	153	None	None	250	Secondary Drinking	15	0	190	10	112	58	82	0	330	20	144	48
TDS (calc)	900	870	895					15	0	1770	959	1379	267	82	0	1560	870	1080	157
TDS ratio	0.96	1.01	1					14	0	1.12	0.73	0.99	0.10	82	0	1.1	0.84	0.973	0.05
Temperature	10.7	11.2	16.5					15	0	16.7	10.3	13.3	2.1	81	0	16.9	6.3	11.8	1.7

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

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

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

AMERICAN SODA INTERIM STATUS

DATA SUMMARY GROUND WATER WELL 21-3A

JULY 1, 1999 - JUNE 30, 2012

Well ID	21-3A	21-3A	21-3A	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - MARCH 31, 2012					
Sample Date	11/28/2011	3/12/2012	6/7/2012	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Primary	Level	Indicator	Regulation	Standard												
Completion Horizon	A Groove	A Groove	A Groove	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Boron, dissolved	4.9	5.1	5.2	5.68	None	0.75	Agricultural	15	0	5.8	3.7	4.333	0.455	82	0	5.9	2.76	4.55	0.474
Calcium, dissolved	10	10	10	None	None	None	None	15	1	16	2	4.3	3.4	82	0	19	2	6.6	3.5
Iron, dissolved	0.9	1.1	0.8	None	None	0.3	Secondary Drinking Water	15	0	1.5	0.1	0.361	0.345	82	3	1.8	0.0015	0.719	0.436
Lithium, dissolved	1.1	1	1.1	2.5	None	2.5	Agricultural	15	0	1.5	1	1.253	0.164	82	0	1.4	0.6	1.042	0.135
Magnesium, dissolved	13	13	15	None	None	None	None	15	0	8	3	5.0	1.7	82	3	18	1	8.5	4.5
Potassium, dissolved	15	22	16	36.22	None	None	None	15	0	35	18	25.3	4.2	82	2	52	1.5	19.1	6.0
Silica, dissolved	28	28	28	150.5	None	None	None	15	0	106	25	73.6	24.5	82	0	117	27	58.5	28.8
Sodium, dissolved	7430	7400	7690	8894.27	None	None	None	15	0	14100	7000	7933.3	1726.6	82	0	9240	5800	7804	580
Bicarb as CaCO3	16600	18100	16700	None	None	None	None	15	0	30200	2830	9291	6623	82	3	19600	1	11508	6250
Carbonate as CaCO3	<2	<2	489	None	None	None	None	15	2	10900	100	6599	3188	82	26	14500	1	4950	4922
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	54	51	82	79	2310	1	47	277
Total Alkalinity	16600	18100	17200	20689.35	None	None	None	15	0	30200	13800	15870	4039	82	0	19600	9430	16483	1699
Cation-Anion Balance %	-3.4	-7.7	-3.3					15	6	6.2	-3.4	0.9	3.1	82	56	20.4	-11.6	-1.5	5.0
Sum of Anions meq/L	352	383	364					14	0	637	304	346.21	85.00	82	0	459	211	356.17	33.00
Sum of Cations meq/L	329	328	341					14	0	622	309	351.50	78.82	82	0	409	256	344.99	25.89
Chloride	660	650	680	None	None	250	Secondary Drinking	15	0	1090	630	718	113	82	0	3350	510	693	300
Cond @ 25C (umhos/cm)	22700	23300	23400	27063.04	None	None	None	15	0	36000	2280	20845	8303	82	0	37300	10800	23183	2436
Fluoride	29	30.4	28.9	42.49	None	2	Agricultural	15	0	56	1.4	28.2	11.8	82	0	33.8	2.8	28.0	3.7
pH (units)	8.3	8.4	8.4	None	None	6.5 - 8.5	Secondary Drinking	15	0	9.7	7.9	9.3	0.5	82	0	10	8.1	9.0	0.7
Total Dissolved Solids	19600	19500	19600	20822	None	None	TDS Water Quality Standards	15	0	34700	5150	18800	5614	82	0	21100	18000	19236	774
Sulfate	<10	50	<10	None	None	250	Secondary Drinking	15	1	410	5	282	120	82	11	3625	0.5	264	424
TDS (calc)	18200	19100	18800					15	0	33400	18800	21240	3452	82	0	24450	17600	20771	1576
TDS ratio	1.08	1.02	1.04					14	0	1.04	0.25	0.88	0.19	82	0	1.09	0.77	0.933	0.09
Temperature	11.7	11.6	14.4					15	0	20.1	8	13.0	3.3	82	0	18.2	8.1	12.0	2.1

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

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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 - JUNE 30, 2012

Well ID	21-4A	21-4A	21-4A	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - MARCH 31, 2012					
Sample Date	11/27/2011	2/27/2012	6/3/2012	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Primary	Level	Indicator	Regulation	Standard												
Completion Horizon	A Groove	A Groove	A Groove	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Boron, dissolved	5.2	4.7	4.7	None	5.35	0.75	Agricultural	15	0	4.8	4.3	4.58	0.152	82	0	5.2	0.3	4.52	0.565
Calcium, dissolved	6	6	6	None	None	None	None	15	1	11	5	7.5	1.6	82	1	744	1	15.1	81.5
Iron, dissolved	0.4	0.4	0.20	None	None	0.3	Secondary Drinking Water	15	0	3.3	0.7	1.657	0.550	82	5	1.85	0.07	0.739	0.469
Lithium, dissolved	1.1	1	1	None	2.5	2.5	Agricultural	15	0	1.2	1	1.053	0.074	82	1	1.3	0.1	1.02	0.138
Magnesium, dissolved	4	6	6	None	None	None	None	15	1	20	5	7.3	3.7	82	6	13	1	4.9	1.6
Potassium, dissolved	15	15	15	None	27.62	None	None	15	1	24	10	15.1	3.1	82	2	22	1.5	14.0	3.1
Silica, dissolved	18	17	17	None	33.84	None	None	15	0	25	17	19.5	2.1	82	0	27	8.6	17.5	1.9
Sodium, dissolved	7880	7400	7810	None	9570	None	None	15	0	8410	7360	7844.7	280.2	82	0	8980	7060	7778	377
Bicarb as CaCO3	15600	15800	15300	None	None	None	None	15	0	19300	11700	16183	1626	82	0	18800	12500	16771	1013
Carbonate as CaCO3	414	767	1130	None	None	None	None	15	14	4290	1	340	1094	82	54	1820	1	195	345
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	54	51	82	82	1	1	1	0
Total Alkalinity	16000	16600	16500	None	23942	None	None	15	0	19300	15100	16470	1059	82	0	18800	12500	16965	929
Cation-Anion Balance %	1.2	-3.4	-0.4					15	9	4.4	-8.1	-0.8	3.6	82	63	8.8	-8.7	-2.2	3.5
Sum of Anions meq/L	340	350	348					14	0	407	323	354.57	21.72	82	0	397	271	359.08	19.03
Sum of Cations meq/L	348	327	345					14	0	370	313	343.50	14.91	82	0	396	312	343.77	16.91
Chloride	660	600	650	None	None	250	Secondary Drinking	15	0	1965	600	721	345	82	0	1020	520	645	67
Cond @ 25C (umhos/cm)	21600	22400	23500	None	28651	None	None	15	0	23600	2220	21448	5436	82	0	24900	2330	22257	3498
Fluoride	30.7	29.9	30.9	None	41.34	2	Agricultural	15	0	34	27	29.9	1.9	82	0	36.1	24	31.4	2.0
pH (units)	8.4	8.6	8.5	None	None	6.5 - 8.5	Secondary Drinking	15	0	8.3	7.6	8.0	0.2	82	0	8.7	7.75	8.3	0.2
Total Dissolved Solids	18900	19000	18700	None	22366	None	TDS Water Quality Standards	15	0	24600	17300	19373	1539	82	0	20900	18200	19065	395
Sulfate	<10	<20	<20	None	None	250	Secondary Drinking	15	9	50	5	21	19	82	44	150	0.5	16	24
TDS (calc)	18200	18000	18400					15	0	20300	17600	18680	893	82	0	20100	15600	18765	740
TDS ratio	1.04	1.06	1.02					14	0	1.23	0.93	1.04	0.07	82	0	1.29	0.94	1.018	0.05
Temperature	11.5	9.1	14.1					15	0	17.4	10.4	12.7	2.1	82	0	19	8.5	12.4	2.4

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

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

AMERICAN SODA INTERIM STATUS
DATA SUMMARY GROUND WATER WELL 29-4A
JULY 1, 1999 - JUNE 30, 2012

Well ID	29-4A	29-4A	29-4A	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - MARCH 31, 2012					
Sample Date	12/21/2011	12/21/2011	6/12/2012	Protection	Warning	Standard													
Sample Type*	Primary	Average	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	0.66	0.64	0.69	None	None	0.75	Agricultural	15	0	5.5	0.88	1.867	1.101	82	0	0.96	0.46	0.70	0.090
Calcium, dissolved	4.9	4.6	5	None	None	None	None	15	0	14	4.8	7.1	2.3	82	0	7.3	3.7	5.4	0.6
Iron, dissolved	0.07	<0.04	<0.1	None	None	0.3	Secondary Drinking Water	15	6	1.9	0.025	0.232	0.470	82	19	1.95	0.01	0.116	0.272
Lithium, dissolved	0.05	0.06	<0.1	None	None	2.5	Agricultural	15	3	1.2	0.05	0.297	0.280	82	12	0.12	0.05	0.074	0.018
Magnesium, dissolved	3.4	3.5	4	None	None	None	None	15	0	12	4	8.3	2.5	82	0	5	2.5	3.9	0.4
Potassium, dissolved	2	1.5	3	None	None	None	None	15	1	44	1.5	9.5	10.3	82	3	4	0.3	1.9	0.6
Silica, dissolved	14.2	13.9	15	None	None	None	None	15	0	63	22	31.0	9.7	82	0	22	10.7	14.9	1.8
Sodium, dissolved	1090	1040	1160	None	None	None	None	15	0	15700	1880	5052.0	3301.4	82	0	1970	970	1342	215
Bicarb as CaCO3	2185	1930	1890	None	None	None	None	15	0	24900	2850	7404	5197	82	0	3560	1660	2614	450
Carbonate as CaCO3	174	219	189	None	None	None	None	15	3	700	10	277	237	82	19	733	1	126	120
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	30	44	82	82	1	1	1	0.0
Total Alkalinity	2360	2140	2080	None	None	None	None	15	0	25600	2930	7667	5317	82	0	3750	1930	2739	416
Cation-Anion Balance %	-4.5	-3.4	3.6					15	5	9.9	-11.9	1.7	5.6	82	60	8.4	-24.5	-3.9	5.8
Sum of Anions meq/L	53.05	49.6	48.1					14	0	291	83.6	183.42	59.90	82	0	92.5	43.9	64.87	10.59
Sum of Cations meq/L	48.5	46.3	51.7					14	0	344	83.4	189.89	68.42	82	0	87.5	43.2	59.74	9.49
Chloride	185	210	208	None	None	250	Secondary Drinking	14	0	3280	640	1939	779	82	0	820	51	333	132
Cond @ 25C (umhos/cm)	4630	4140	3750	None	None	None	None	15	0	37100	6130	15891	7687	82	0	8080	2725	5257	991
Fluoride	13.4	14.5	13.8	None	None	2	Agricultural	14	0	22.6	8	16.0	3.1	82	0	19.4	11.6	14.4	1.4
pH (units)	8.6	8.8	8.6	None	None	6.5 - 8.5	Secondary Drinking	15	0	8.6	7.3	8.3	0.3	82	0	8.9	7.7	8.5	0.2
Total Dissolved Solids	2535	2680	2670	None	None	None	TDS Water Quality Standards	15	0	40000	4600	13058	8460	82	0	4885	1380	3368	601
Sulfate	<1	<5	<1	None	None	250	Secondary Drinking	15	2	300	5	49	71	82	55	30	0.5	8	7
TDS (calc)	2725	2570	2660					15	0	36000	5020	11961	7435	82	0	4920	2430	3397	523
TDS ratio	0.93	1.04	1.00					14	0	1.265	0.87	1.07	0.10	82	0	1.27	0.43	0.989	0.10
Temperature	8.8	14.7	15.3					15	0	17.4	9.6	12.6	2.1	82	0	17.7	7.2	12.3	2.1

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

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

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

AMERICAN SODA INTERIM STATUS

DATA SUMMARY GROUND WATER WELL 29-3

JULY 1, 1999 - JUNE 30, 2012

Well ID	29-3	29-3	29-3	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - MARCH 31, 2012					
Sample Date	8/23/2011	12/11/2011	6/7/2012	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Primary	Level	Indicator	Regulation	Standard												
Completion Horizon	A Groove	A Groove	A Groove	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Boron, dissolved	4.7	4.7	5.1	None	5.35	0.75	Agricultural	15	0	4.85	4.4	4.667	0.141	82	0	5.1	0.2	4.440	0.612
Calcium, dissolved	4	5	5	None	None	None	None	15	1	20	3	8.4	4.7	82	1	12	1.9	5.9	1.8
Iron, dissolved	<0.2	<0.2	<0.4	None	None	0.3	Secondary Drinking Water	15	2	1.8	0.1	0.667	0.575	82	52	4.6	0.01	0.272	0.599
Lithium, dissolved	1	1	1.2	None	2.5	2.5	Agricultural	15	0	1.2	1	1.060	0.071	82	2	1.4	0.1	1.067	0.173
Magnesium, dissolved	2	6	5	None	None	None	None	15	3	6	2	4.7	1.4	82	11	26	1	4.4	2.8
Potassium, dissolved	20	16	18	None	28.95	None	None	15	1	19	10	14.1	2.4	82	2	33	1.5	14.6	3.9
Silica, dissolved	16	15	15	None	37.63	None	None	15	0	38	14.5	20.5	5.7	82	0	20	7.3	15.7	1.6
Sodium, dissolved	8220	7820	8330	None	10096	None	None	15	0	8825	7675	8236.0	277.5	82	0	10500	7470	8245.8	455.9
Bicarb as CaCO3	18400	17500	15600	None	None	None	None	15	0	18700	12900	16793	1318	82	0	19200	12400	17694	1047
Carbonate as CaCO3	978	684	1900	None	None	None	None	15	13	3900	1	372	999	82	49	1440	1	311	453
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	54	51	82	82	1	1	1	0
Total Alkalinity	19400	18200	17500	None	21794	None	None	15	0	18700	15900	17113	722	82	0	19400	13300	18004	939
Cation-Anion Balance %	-6	-5.3	-0.4					15	6	3.6	-82.5	-4.8	21.6	82	68	10.2	-22	-2.6	4.3
Sum of Anions meq/L	409	384	371					15	0	395	339	363.33	14.13	82	0	554	301	383.32	26.32
Sum of Cations meq/L	363	345	368					15	0	388.5	338.5	363.53	12.16	82	0	463	330	363.89	20.05
Chloride	710	680	700	None	None	250	Secondary Drinking	15	0	760	369	665	87	82	0	750	560	672	35
Cond @ 25C (umhos/cm)	23700	22600	23700	None	28503	None	None	15	0	24750	2330	22232	5829	82	0	26700	2345	23196	4491
Fluoride	30	31	31.6	None	43.82	2	Agricultural	15	0	36	29.5	32.3	1.6	82	0	38.7	17.05	32.0	3.0
pH (units)	8.5	8.6	8.6	None	None	6.5 - 8.5	Secondary Drinking	15	0	8.7	7.8	8.0	0.2	82	0	8.7	6.1	8.2	0.4
Total Dissolved Solids	20000	20500	20300	None	21373	25259	TDS Water Quality Standards	15	0	20600	19900	20207	208	82	0	21100	18400	20166	415
Sulfate	<10	<10	<20	None	None	250	Secondary Drinking	15	13	50	5	20	20	82	58	690	0.5	38	116
TDS (calc)	20600	19500	19600					15	0	20800	12000	18870	2004	82	0	26200	17800	20009	1007
TDS ratio	0.97	1.05	1.04					15	0	1.08	0.17	0.99	0.23	82	0	1.9	0.76	1.021	0.11
Temperature	8.5	9.1	13.3					15	0	16.8	8	11.9	2.3	82	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 - JUNE 30, 2012

Well ID	19-2	19-2	19-2	Numeric	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - MARCH 31, 2012					
Sample Date	12/12/2011	3/8/2012	6/3/2012	Protection	Standard													
Sample Type*	Primary	Primary	Primary	Level	Regulation	Standard												
Completion Horizon	Above A Groove	Above A Groove	Above A Groove	(NPL)	Number 41	Classification												
Parameter (mg/l)**							TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Boron, dissolved	0.26	0.27	0.25	None	0.75	Agricultural	15	0	0.31	0.23	0.264	0.022	82	1	0.5	0.19	0.29	0.037
Calcium, dissolved	33.6	44.9	29.6	None	None	None	15	0	123.5	35.1	93.1	25.9	82	0	149	9.4	70.9	35.6
Iron, dissolved	0.19	0.12	0.14	None	0.3	Secondary Drinking Water	15	0	11.2	2.41	7.218	2.810	82	3	11.8	0.01	2.490	2.769
Lithium, dissolved	0.07	0.08	0.07	None	2.5	Agricultural	15	0	0.115	0.07	0.099	0.015	82	4	0.5	0.05	0.096	0.050
Magnesium, dissolved	11.5	14	11.3	None	None	None	15	0	26.4	10.6	21.7	4.2	82	1	42.4	3	19.8	8.2
Potassium, dissolved	2	2.1	1.6	None	None	None	15	0	3.7	1.2	2.9	0.7	82	3	5.6	0.6	2.4	0.9
Silica, dissolved	24.3	25	22.5	None	None	None	15	0	30.4	19.4	26.0	3.3	82	0	34.9	15	25.5	4.5
Sodium, dissolved	400	405	379	None	None	None	15	0	775	389	632.7	101.4	82	0	825	289	542	134
Bicarb as CaCO3	770	818	725	None	None	None	15	0	1170	668	1014	123	82	0	1380	448	937	218
Carbonate as CaCO3	44	5	38	None	None	None	15	15	10	1	3	4	82	57	90	1	16	27
Hydroxide as CaCO3	<2	<2	<2	None	None	None	15	15	10	1	3	4	82	82	1	1	1	0
Total Alkalinity	814	823	764	None	None	None	15	0	1170	668	1014	123	82	0	1380	534	952	197
Cation-Anion Balance %	-3.6	-2.7	-3.8				15	12	17.8	-11.7	-0.9	7.6	82	57	11.6	-17.2	-1.6	4.7
Sum of Anions meq/L	21.8	22.5	20.6				15	0	41.9	14.1	35.91	7.41	82	0	47.3	13.7	30.30	8.33
Sum of Cations meq/L	20.3	21.3	19.1				15	0	41.4	20.2	34.87	6.02	82	0	45.6	13.6	29.28	8.34
Chloride	180	200	170	None	250	Secondary Drinking	14	0	750	210	573	133	82	0	750	76	385	182
Cond @ 25C (umhos/cm)	1890	1920	1890	None	None	None	15	0	3930	1410	3372	674	82	0	4190	1300	2801	798
Fluoride	9.3	8.2	10.6	None	2	Agricultural	14	0	16	10.3	12.0	1.6	82	0	18.2	5	10.6	2.7
pH (units)	8.5	8.2	8.4	None	6.5 - 8.5	Secondary Drinking	15	0	8.1	6.4	6.8	0.4	82	0	8.9	6.5	7.8	0.7
Total Dissolved Solids	1110	1220	1040	None	2466	TDS Water Quality Standards	15	0	2380	1000	1973	375	82	0	2380	750	1632	471
Sulfate	<1	<1	<1	None	250	Secondary Drinking	15	15	5	5	5	0	82	75	30	0.5	5	5
TDS (calc)	1150	1190	1080				15	0	2300	890	1944	371	82	0	2480	766	1635	447
TDS ratio	0.97	1.03	0.96				15	0	1.12	0.9	1.02	0.06	82	0	1.24	0.85	0.995	0.06
Temperature	9	10.8	16.4				15	0	15.3	10.1	12.8	1.7	82	0	18.3	7.7	12.1	2.3

* 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 21-3B

JULY 1, 1999 - JUNE 30, 2012

Well ID	21-3B	21-3B	21-3B	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - MARCH 31, 2012					
Sample Date	11/28/2011	3/12/2012	6/6/2012	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Primary	Level	Indicator	Regulation	Standard												
Completion Horizon	B Groove	B Groove	B Groove	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Boron, dissolved	6.3	6.3	6.8	7.22	None	0.75	Agricultural	15	0	6.5	4.6	6.091	0.453	81	0	6.7	0.3	5.94	0.749
Calcium, dissolved	8	7	8	None	None	None	None	15	0	16	6	8.8	2.6	81	1	216	2.9	12.4	25.3
Iron, dissolved	0.9	0.6	0.5	None	None	0.3	Secondary Drinking Water	15	0	3.1	0.4	0.991	0.693	81	2	3.3	0.2	0.812	0.524
Lithium, dissolved	1.5	1.4	1.5	2.5	None	2.5	Agricultural	15	0	1.7	1.2	1.483	0.128	81	1	2	0.2	1.443	0.253
Magnesium, dissolved	<4	<4	<4	None	None	None	None	15	0	13	5	9.6	1.7	81	18	57	2	9.2	6.7
Potassium, dissolved	29	42	31	44.16	None	None	None	15	0	32	21	27.5	2.8	81	0	86	6	28.0	8.2
Silica, dissolved	30	28	30	81.21	None	None	None	15	0	58	37	48.4	6.8	81	0	67	11	42.6	9.5
Sodium, dissolved	13300	12900	13700	16103.97	None	None	None	15	0	14300	7830	13315.3	1559.8	81	0	16100	321	13748	1668
Bicarb as CaCO3	29300	32800	29400	None	None	None	None	15	0	30400	13500	27053	3932	81	0	32800	20500	30238	1659
Carbonate as CaCO3	<2	<2	545	None	None	None	None	15	11	2980	1	489	863	81	67	4190	1	156	531
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	54	51	81	81	1	1	1	0
Total Alkalinity	29300	32800	29900	34488	None	None	None	15	0	30400	16500	27513	3195	81	0	32800	28200	30518	1047
Cation-Anion Balance %	-2.7	-9.7	-2.6					15	8	4	-2.6	0.4	1.9	81	62	5.7	-91.3	-3.6	10.4
Sum of Anions meq/L	619	691	636					14	0	642	353	583.93	69.39	81	0	769	597	645.19	24.99
Sum of Cations meq/L	587	569	604					14	0	631	346	587.57	71.35	81	0	710	29.9	607.16	72.02
Chloride	1100	1160	1250	None	None	250	Secondary Drinking	15	0	1260	630	1111	145	81	0	1350	2	1096	167
Cond @ 25C (umhos/cm)	36100	37700	37300	41968.72	None	None	None	15	0	38000	3740	33213	9368	81	0	44900	10800	36460	4256
Fluoride	40.5	42.4	40.4	62.6	None	2	Agricultural	15	0	82	30	45.7	14.9	81	0	48.1	8.7	39.2	6.2
pH (units)	8.3	8.5	8.3	None	None	6.5 - 8.5	Secondary Drinking	15	0	8.8	7.9	8.2	0.3	81	0	8.6	7.4	8.2	0.2
Total Dissolved Solids	34300	34200	34400	36705	None	None	TDS Water Quality Standards	15	0	34300	19100	32683	3787	81	0	35300	31600	34020	646
Sulfate	<20	<20	<20	None	None	250	Secondary Drinking	15	4	190	50	85	36	81	23	4630	0.5	106	510
TDS (calc)	32100	33900	33000					15	0	33400	19800	31320	3253	81	0	39600	20500	33452	1848
TDS ratio	1.07	1.01	1.04					14	0	1.11	0.96	1.04	0.04	81	0	1.68	0.86	1.022	0.08
Temperature	11.6	12.6	17.2					15	0	18	8.4	12.6	2.7	81	0	17.7	5.9	11.8	2.3

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

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

AMERICAN SODA INTERIM STATUS

DATA SUMMARY GROUND WATER WELL 21-3B

JULY 1, 1999 - JUNE 30, 2012

Well ID	21-3B	21-3B	21-3B	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - MARCH 31, 2012					
Sample Date	11/28/2011	3/12/2012	6/6/2012	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Primary	Level	Indicator	Regulation	Standard												
Completion Horizon	B Groove	B Groove	B Groove	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Boron, dissolved	6.3	6.3	6.8	7.22	None	0.75	Agricultural	15	0	6.5	4.6	6.091	0.453	81	0	6.7	0.3	5.94	0.749
Calcium, dissolved	8	7	8	None	None	None	None	15	0	16	6	8.8	2.6	81	1	216	2.9	12.4	25.3
Iron, dissolved	0.9	0.6	0.5	None	None	0.3	Secondary Drinking Water	15	0	3.1	0.4	0.991	0.693	81	2	3.3	0.2	0.812	0.524
Lithium, dissolved	1.5	1.4	1.5	2.5	None	2.5	Agricultural	15	0	1.7	1.2	1.483	0.128	81	1	2	0.2	1.443	0.253
Magnesium, dissolved	<4	<4	<4	None	None	None	None	15	0	13	5	9.6	1.7	81	18	57	2	9.2	6.7
Potassium, dissolved	29	42	31	44.16	None	None	None	15	0	32	21	27.5	2.8	81	0	86	6	28.0	8.2
Silica, dissolved	30	28	30	81.21	None	None	None	15	0	58	37	48.4	6.8	81	0	67	11	42.6	9.5
Sodium, dissolved	13300	12900	13700	16103.97	None	None	None	15	0	14300	7830	13315.3	1559.8	81	0	16100	321	13748	1668
Bicarb as CaCO3	29300	32800	29400	None	None	None	None	15	0	30400	13500	27053	3932	81	0	32800	20500	30238	1659
Carbonate as CaCO3	<2	<2	545	None	None	None	None	15	11	2980	1	489	863	81	67	4190	1	156	531
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	54	51	81	81	1	1	1	0
Total Alkalinity	29300	32800	29900	34488	None	None	None	15	0	30400	16500	27513	3195	81	0	32800	28200	30518	1047
Cation-Anion Balance %	-2.7	-9.7	-2.6					15	8	4	-2.6	0.4	1.9	81	62	5.7	-91.3	-3.6	10.4
Sum of Anions meq/L	619	691	636					14	0	642	353	583.93	69.39	81	0	769	597	645.19	24.99
Sum of Cations meq/L	587	569	604					14	0	631	346	587.57	71.35	81	0	710	29.9	607.16	72.02
Chloride	1100	1160	1250	None	None	250	Secondary Drinking	15	0	1260	630	1111	145	81	0	1350	2	1096	167
Cond @ 25C (umhos/cm)	36100	37700	37300	41968.72	None	None	None	15	0	38000	3740	33213	9368	81	0	44900	10800	36460	4256
Fluoride	40.5	42.4	40.4	62.6	None	2	Agricultural	15	0	82	30	45.7	14.9	81	0	48.1	8.7	39.2	6.2
pH (units)	8.3	8.5	8.3	None	None	6.5 - 8.5	Secondary Drinking	15	0	8.8	7.9	8.2	0.3	81	0	8.6	7.4	8.2	0.2
Total Dissolved Solids	34300	34200	34400	36705	None	None	TDS Water Quality Standards	15	0	34300	19100	32683	3787	81	0	35300	31600	34020	646
Sulfate	<20	<20	<20	None	None	250	Secondary Drinking	15	4	190	50	85	36	81	23	4630	0.5	106	510
TDS (calc)	32100	33900	33000					15	0	33400	19800	31320	3253	81	0	39600	20500	33452	1848
TDS ratio	1.07	1.01	1.04					14	0	1.11	0.96	1.04	0.04	81	0	1.68	0.86	1.022	0.08
Temperature	11.6	12.6	17.2					15	0	18	8.4	12.6	2.7	81	0	17.7	5.9	11.8	2.3

* 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 21-4B
JULY 1, 1999 - JUNE 30, 2012

Well ID	21-4B	21-4B	21-4B	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - MARCH 31, 2012					
Sample Date	11/27/2011	2/27/2012	6/3/2012	Protection	Warning	Standard													
Sample Type*	Primary	Average	Primary	Level	Indicator	Regulation	Standard												
Completion Horizon	B Groove	B Groove	B Groove	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Boron, dissolved	6.8	6.6	6.5	None	8.27	0.75	Agricultural	15	0	7.4	0.21	6.177	1.944	82	0	10.9	0.3	6.59	0.997
Calcium, dissolved	10	10	10	None	None	None	None	15	9	7	1	3.4	2.1	82	2	629	2	24.0	83.3
Iron, dissolved	0.7	0.6	0.5	None	None	0.3	Secondary Drinking Water	15	3	1.9	0.06	0.481	0.485	82	6	4.3	0.1	0.638	0.542
Lithium, dissolved	1.6	1.6	1.5	None	3.32	2.5	Agricultural	15	0	2.1	0.1	1.407	0.483	82	1	2.8	0.2	1.610	0.283
Magnesium, dissolved	7	12	10	None	None	None	None	15	7	17	0.5	6.0	4.5	82	3	30	2	13.2	4.6
Potassium, dissolved	31	29	29	None	58.58	None	None	15	0	52	11	33.0	9.0	82	2	49	3	28.6	6.5
Silica, dissolved	41	42	40	None	89.21	None	None	15	0	165	13	76.5	34.3	82	0	80	17	46.5	7.9
Sodium, dissolved	13400	13300	14200	None	16766	None	None	15	0	14700	1340	12416.0	3739.8	82	0	17500	12100	14059	806
Bicarb as CaCO3	28100	26900	27900	None	None	None	None	15	1	27700	10	21167	7342	82	0	35800	24700	29468	1719
Carbonate as CaCO3	1390	339	2590	None	None	None	None	15	1	10300	100	4219	3009	82	18	4000	1	1228	973
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	14	2000	1	180	506	82	82	1	1	1	0
Total Alkalinity	29500	30200	30500	None	37526	None	None	15	0	31000	2360	25537	7663	82	0	36200	18900	30613	1850
Cation-Anion Balance %	-2.1	-3.8	-1.3					15	7	3.9	-4.7	0.0	3.0	82	56	8.8	-9.9	-2.0	3.6
Sum of Anions meq/L	617	633	644					14	0	653	64	544.57	165.17	82	0	756	577	647.51	28.91
Sum of Cations meq/L	592	587	627					14	0	648	59.5	546.54	170.80	82	0	6010	535	694.93	597.13
Chloride	900	1000	1150	None	None	250	Secondary Drinking Water	15	0	1210	530	991	190	82	0	1160	790	993	61
Cond @ 25C (umhos/cm)	35900	36500	38500	None	46948	None	None	15	0	38900	10400	33547	8067	82	0	40600	2238.5	35517	6122
Fluoride	37.4	36.9	38	None	47.22	2	Agricultural	15	0	40	9	33.5	8.2	82	0	43.9	7.1	37.1	4.4
pH (units)	8.5	8.5	8.5	None	None	6.5 - 8.5	Secondary Drinking Water	15	0	12.2	8.1	8.9	0.9	82	0	8.7	7.7	8.4	0.2
Total Dissolved Solids	35100	34550	35100	None	37344	None	TDS Water Quality	15	0	35300	3160	30781	9217	82	0	36400	18800	34128	1869
Sulfate	<20	<20	<20	None	None	250	Secondary Drinking	15	1	600	50	190	126	82	17	4670	2.5	151	608
TDS (calc)	32200	32500	33800					15	0	36300	4340	30803	8993	82	0	40100	31800	34274	1405
TDS ratio	1.09	1.07	1.04					14	0	1.06	0.73	0.99	0.08	82	0	1.09	0.54	0.997	0.06
Temperature	8.8	10.9	15.9					15	0	17.7	10.1	12.9	2.2	82	0	19.4	7.6	12.2	2.4

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

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 29-4B
AUGUST 1, 1999 - JUNE 30, 2012

Well ID	29-4B	29-4B	29-4B	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS AUGUST 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - MARCH 31, 2012					
Sample Date	12/21/2011	3/13/2012	3/13/2012	Protection	Warning	Standard													
Sample Type*	Average	Primary	Primary	Level	Indicator	Regulation	Standard												
Completion Horizon	B Groove	B Groove	B Groove	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Boron, dissolved	0.95	0.95	1	None	None	0.75	Agricultural	14	0	1.03	0.36	0.898	0.171	81	0	1.78	0.63	0.94	0.130
Calcium, dissolved	9.1	9.1	10	None	None	None	None	14	0	10.4	6.1	8.9	1.1	81	0	140	5	10.8	14.6
Iron, dissolved	0.07	0.07	<0.1	None	None	0.3	Secondary Drinking Water	14	1	0.15	0.025	0.082	0.034	81	7	8.96	0.01	0.289	1.214
Lithium, dissolved	0.3	0.31	0.3	None	None	2.5	Agricultural	14	0	0.37	0.04	0.293	0.081	81	0	0.41	0.07	0.316	0.043
Magnesium, dissolved	3.3	3.7	4	None	None	None	None	14	0	4.3	3	3.7	0.4	81	0	139	2	5.2	15.1
Potassium, dissolved	3.1	2.5	4	None	None	None	None	14	0	3	1.4	2.4	0.4	81	0	9.2	1.6	2.6	1.0
Silica, dissolved	16.7	16.3	18	None	None	None	None	14	0	18.9	13.8	16.1	1.4	81	0	34	10.1	16.3	2.4
Sodium, dissolved	1550	1490	1640	None	None	None	None	14	0	1650	635	1462.9	252.2	81	0	1770	1230	1496	89
Bicarb as CaCO3	3380	3460	3350	None	None	None	None	14	0	3620	1250	3049	553	81	0	3990	2740	3230	196
Carbonate as CaCO3	102	<2	139	None	None	None	None	14	12	281	1	41	78	81	61	419	1	39	86
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	14	14	100	1	18	35	81	81	1	1	1	0
Total Alkalinity	3480	3460	3490	None	None	None	None	14	0	3620	1300	2994	574	81	0	3990	2740	3265	187
Cation-Anion Balance %	-4.4	-6.1	-1.5					14	8	2.9	-6.8	-0.9	3.0	81	61	10.7	-21.7	-2.5	4.2
Sum of Anions meq/L	75.3	75	75.4					14	0	77.7	27.6	66.60	11.77	81	0	85	60	70.49	3.81
Sum of Cations meq/L	69	66.4	73.1					14	0	73.6	28.6	65.25	11.17	81	0	78.8	54.7	66.92	4.09
Chloride	150	150	148	None	None	250	Secondary Drinking	14	0	170	19	130	34	81	0	151	110	129	9
Cond @ 25C (umhos/cm)	5440	5640	5350	None	None	None	None	14	0	5910	2170	5191	892	81	0	6020	3050	5319	437
Fluoride	28.3	29.7	28.2	None	None	2	Agricultural	14	0	33	17	28.1	3.7	81	0	34.2	22.9	29.0	2.1
pH (units)	8.6	8.6	8.4	None	None	6.5 - 8.5	Secondary Drinking	14	0	8.4	7.4	7.9	0.3	81	0	8.7	7.1	8.1	0.3
Total Dissolved Solids	3820	3820	3860	None	None	4439	TDS Water Quality Standards	14	0	4000	1490	3551	603	81	0	4070	2950	3708	111
Sulfate	<10	<5	<10	None	None	250	Secondary Drinking	14	12	10	5	6	2	81	73	25	0.5	5	4
TDS (calc)	3850	3780	3950					14	0	3920	1510	3509	598	81	0	4080	3345	3665	151
TDS ratio	0.99	1.01	0.98					14	0	1.11	0.93	1.01	0.04	81	0	1.095	0.81	1.012	0.04
Temperature	8.9	12.4	14.6					13	0	16.6	8.7	12.1	2.6	81	0	20.7	7	12.4	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 20-4B

JULY 1, 1999 - JUNE 30, 2012

Well ID	20-4B	20-4B	20-4B	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - MARCH 31, 2012					
Sample Date	12/11/2011	3/7/2012	6/25/2012	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Primary	Level	Indicator	Regulation	Standard												
Completion Horizon	B Groove	B Groove	B Groove	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Boron, dissolved	0.33	0.33	0.31	None	0.75	0.75	Agricultural	14	0	0.96	0.32	0.400	0.164	82	0	0.38	0.29	0.33	0.018
Calcium, dissolved	4.6	4.3	4.3	None	None	None	None	14	0	15.2	4.8	7.5	3.0	82	0	5.5	4.25	4.7	0.3
Iron, dissolved	0.06	0.03	<0.02	None	None	0.3	Secondary Drinking Water	14	0	1.45	0.03	0.255	0.456	82	5	0.1	-0.02	0.043	0.022
Lithium, dissolved	0.05	0.05	0.05	None	2.5	2.5	Agricultural	14	1	0.35	0.02	0.064	0.083	82	1	0.6	0.02	0.058	0.061
Magnesium, dissolved	2.4	2.6	2.6	None	None	None	None	14	0	6.4	2.8	3.9	1.2	82	0	3.2	2.1	2.7	0.2
Potassium, dissolved	1.6	1.3	1.2	None	5.51	None	None	14	0	3.1	1.1	1.6	0.6	82	0	3.3	0.8	1.1	0.3
Silica, dissolved	14.8	14.4	14.2	None	33.95	None	None	14	0	32.3	13.7	17.0	5.0	82	0	17	13.5	15.0	0.7
Sodium, dissolved	530	506	520	None	844	None	None	14	0	1530	529	666.3	251.9	82	0	631	459	538	33
Bicarb as CaCO3	1110	1010	1010	None	None	None	None	14	0	3120	1060	1364	517	82	0	1240	629	1056	92
Carbonate as CaCO3	99	110	106	None	None	None	None	14	10	148	1	36	51	82	6	419	1	80	58
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	14	14	10	1	6	5	82	82	1	-2	1	0
Total Alkalinity	1210	1120	1120	None	1807	None	None	14	0	3120	1160	1396	503	82	0	1260	862	1135	76
Cation-Anion Balance %	-3.1	-1.7	-0.2					14	5	4.3	-12.8	0.0	4.0	82	42	18.7	-25.1	0.3	5.6
Sum of Anions meq/L	25.3	23.5	23.4					14	0	67.6	24.3	30.17	11.02	82	0	42.9	18.3	24.08	2.59
Sum of Cations meq/L	23.8	22.7	23.3					14	0	68.2	24.9	30.14	11.10	82	0	28.3	20.7	24.18	1.47
Chloride	14	14	14	None	None	250	Secondary Drinking	14	0	140	15	38	44	82	0	15	10	13	1
Cond @ 25C (umhos/cm)	2140	1940	1920	None	3178	None	None	14	0	5360	2135	2496	838	82	0	2310	8	1999	248
Fluoride	13.8	13.5	13.9	None	35.61	2	Agricultural	14	0	24	13.5	16.1	2.7	82	0	29	2.5	14.6	2.3
pH (units)	8.7	8.7	8.7	None	None	6.5 - 8.5	Secondary Drinking	14	0	9.2	7.7	8.2	0.4	82	0	8.9	7.8	8.6	0.2
Total Dissolved Solids	1280	1300	1290	None	1955	2018	TDS Water Quality Standards	14	0	3730	1340	1614	615	82	0	1400	890	1301	53
Sulfate	<1	<1	<1	None	None	250	Secondary Drinking	14	6	40	5	17	13	82	78	20	-1	4	3
TDS (calc)	1310	1230	1240					14	0	3600	1340	1616	579	82	0	2020	1160	1311	97
TDS ratio	0.98	1.06	1.04					14	0	1.05	0.95	1.00	0.03	82	0	1.13	0.64	0.997	0.07
Temperature	11	10.1	23					14	0	19.7	9.4	13.0	3.0	82	0	20.9	7.4	12.6	3.0

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

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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 20-9
JULY 1, 1999 - JUNE 30, 2012

Well ID	20-9	20-9	20-9	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - MARCH 30, 2011					
Sample Date	12/7/2011	3/25/2012	6/25/2012	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Average	Level	Indicator	Regulation	Standard												
Completion Horizon	B Groove	B Groove	B Groove	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Boron, dissolved	1.39	1.45	1.61	None	2.08	0.75	Agricultural	15	0	1.74	1.43	1.567	0.077	82	0	1.73	0.74	1.46	0.119
Calcium, dissolved	10	9	12	None	None	None	None	15	0	11	10	10.4	0.5	82	0	12	7.3	9.4	1.0
Iron, dissolved	0.5	0.3	0.8	None	None	0.3	Secondary Drinking Water	15	0	0.69	0.06	0.216	0.178	82	10	0.57	0.025	0.180	0.133
Lithium, dissolved	0.5	0.6	0.6	None	2.5	2.5	Agricultural	15	0	0.62	0.5	0.593	0.027	82	0	0.7	0.5	0.591	0.050
Magnesium, dissolved	3	4	5	None	None	None	None	15	0	6	4	4.9	0.5	82	0	6	2	4.0	0.6
Potassium, dissolved	4	5	7	None	9.26	None	None	15	0	6.5	4	5.3	0.6	82	0	7	3.7	4.8	0.7
Silica, dissolved	19	19	19	None	21.98	None	None	15	0	19	16.3	17.5	0.8	82	0	23	16	18.8	1.4
Sodium, dissolved	2200	2210	2885	None	2947	None	None	15	0	2550	2190	2326.7	112.7	82	0	2590	1940	2229	131
Bicarb as CaCO3	4850	5490	6300	None	None	None	None	15	0	5100	4160	4742	283	82	0	5530	3680	4671	345
Carbonate as CaCO3	<2	<2	<2	None	None	None	None	15	13	536	1	66	142	82	59	298	1	34	64
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	23	40	82	82	1	1	1	0
Total Alkalinity	4850	5490	6300	None	6138	None	None	15	0	5100	4160	4792	283	82	0	5530	3680	4703	341
Cation-Anion Balance %	-4.5	-10.4	-3.6					15	11	5.4	-8.8	-2.1	4.2	82	67	7.8	-17.8	-2.7	3.2
Sum of Anions meq/L	107	121	138					15	0	124	93.1	108.07	6.65	82	0	142	82.9	104.66	8.64
Sum of Cations meq/L	97.7	98.2	129.0					15	0	113	97.4	103.52	4.86	82	0	115	86.3	99.08	5.80
Chloride	297	337	370	None	None	250	Secondary Drinking	15	0	390	270	321	35	82	0	430	29	307	60
Cond @ 25C (umhos/cm)	7600	8560	9200	None	10057	None	None	15	0	8820	7700	8298	362	82	0	9150	3410	7759	758
Fluoride	25.1	25	26.6	None	45.72	2	Agricultural	15	0	34	23.4	27.0	2.7	82	0	48	16.5	26.1	3.5
pH (units)	8.4	8.4	8.4	None	None	6.5 - 8.5	Secondary Drinking	15	0	8.6	7.7	8.0	0.3	82	0	8.9	7.6	8.3	0.2
Total Dissolved Solids	5430	5500	7625	None	6793	7125	TDS Water Quality	15	0	6020	5320	5700	212	82	0	6170	5030	5488	258
Sulfate	<10	<10	<10	None	None	250	Secondary Drinking	15	14	800	5	64	204	82	71	220	0.5	11	29
TDS (calc)	5470	5900	7105					15	0	6450	5180	5681	278	82	0	6770	4730	5458	368
TDS ratio	0.99	0.93	1.07					15	0	1.13	0.87	1.01	0.06	82	0	1.1	0.82	1.008	0.04
Temperature	10.1	15.6	19.4					15	0	15	9.2	12.5	1.6	81	0	18.3	7.3	12.7	2.5

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

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

AMERICAN SODA INTERIM STATUS

DATA SUMMARY GROUND WATER WELL 29-2B

JULY 1, 1999 - JUNE 30, 2012

Well ID	29-2B	29-2B	29-2B	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - MARCH 31, 2012					
Sample Date	12/12/2011	3/7/2012	6/12/2012	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Primary	Level	Indicator	Regulation	Standard												
Completion Horizon	B Groove	B Groove	B Groove	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Boron, dissolved	0.35	0.36	0.35	None	None	0.75	Agricultural	15	0	0.6	0.39	0.461	0.046	82	0	0.48	0.33	0.39	0.035
Calcium, dissolved	2.6	2.5	2.7	None	None	None	None	15	0	3.9	2.2	2.8	0.4	82	0	5.2	2	3.1	0.4
Iron, dissolved	0.06	0.11	0.09	None	None	0.3	Secondary Drinking Water	15	0	0.43	0.09	0.251	0.086	82	1	11.4	0.05	0.309	1.241
Lithium, dissolved	0.10	0.12	0.12	None	None	2.5	Agricultural	15	0	0.2	0.1	0.141	0.025	82	1	0.37	0.1	0.175	0.042
Magnesium, dissolved	1.0	1.3	1.4	None	None	None	None	15	0	2	1.1	1.4	0.3	82	0	2	0.8	1.3	0.2
Potassium, dissolved	4.1	5.2	5.5	None	None	None	None	15	0	11.1	2.8	5.8	2.4	82	0	23.1	4.1	12.9	4.9
Silica, dissolved	17.8	17.8	18.2	None	None	None	None	15	0	19.1	14	17.5	1.7	82	0	21	16.5	18.4	0.8
Sodium, dissolved	462	448	473	None	None	None	None	15	0	1490	672	842.8	254.9	82	0	824	419	592	100
Bicarb as CaCO3	949	873	886	None	None	None	None	15	0	2850	1400	1832	412	82	0	1720	803	1133	231
Carbonate as CaCO3	100	104	117	None	None	None	None	15	3	221	1	89	67	82	3	419	1	144	55
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	10	1	5	5	82	82	1	1	1	0
Total Alkalinity	1050	976	1000	None	None	None	None	15	0	2900	1520	1919	382	82	0	1810	950	1277	237
Cation-Anion Balance %	-3.3	-1.2	0					15	13	6.8	-19	-8.6	7.3	82	55	10.2	-14.6	-2.5	5.0
Sum of Anions meq/L	22.0	20.6	21.2					15	0	71.7	35.9	44.15	10.65	82	0	40	20.1	28.19	5.70
Sum of Cations meq/L	20.6	20.1	21.2					15	0	66.2	30	37.55	11.25	82	0	37.1	18.9	26.67	4.52
Chloride	16	18	19	None	None	250	Secondary Drinking	15	0	450	96	181	111	82	0	330	16	70	47
Cond @ 25C (umhos/cm)	1880	1750	1800	None	None	None	None	15	0	5690	2610	3740	785	82	0	3570	1750	2400	483
Fluoride	11.7	11.4	11.6	None	None	2	Agricultural	15	0	16	11.5	13.3	1.5	82	0	15.8	10.3	12.4	1.0
pH (units)	8.8	8.8	8.7	None	None	6.5 - 8.5	Secondary Drinking	15	0	8.8	8.2	8.5	0.1	82	0	9	7.7	8.8	0.2
Total Dissolved Solids	1110	1160	1150	None	None	2654	TDS Water Quality Standards	15	0	3640	1580	2123	588	82	0	3290	1100	1479	318
Sulfate	<1	<1	<1	None	None	250	Secondary Drinking	15	12	40	5	9	9	82	74	25	0.5	5	4
TDS (calc)	1150	1090	1130					15	0	3760	1860	2250	563	82	0	2110	1090	1535	278
TDS ratio	0.97	1.06	1.02					15	0	1.18	0.81	0.94	0.10	82	0	1.94	0.78	0.967	0.12
Temperature	9	10.8	23.7					15	0	16.7	8.5	11.8	2.4	82	0	18.9	5.3	11.8	2.6

* 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 21-3D

JULY 1, 1999 - JUNE 30, 2012

Well ID	21-3D	21-3D	21-3D	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - MARCH 31, 2012					
Sample Date	11/28/2011	3/12/2012	6/6/2012	Protection	Warning	Standard													
Sample Type*	Primary	Average	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	6.1	6.2	6.5	None	None	0.75	Agricultural	15	0	6.6	5.8	6.132	0.220	82	0	6.6	5.1	5.89	0.310
Calcium, dissolved	9	10	10	None	None	None	None	15	1	41	5	10.9	8.9	81	1	255	1.8	16.3	27.4
Iron, dissolved	0.5	0.6	<0.5	None	None	0.3	Secondary Drinking Water	15	0	4.1	0.7	1.147	0.897	82	4	4	0.18	1.108	0.646
Lithium, dissolved	2.5	2.4	2.5	None	None	2.5	Agricultural	15	0	3.1	2.3	2.580	0.193	82	0	3.1	1.6	2.537	0.246
Magnesium, dissolved	<4	<4	<5	None	None	None	None	15	0	12	5	7.3	2.0	81	34	49	2	4.8	5.3
Potassium, dissolved	95	69	59	None	None	None	None	15	0	61	46	54.7	4.1	82	0	120	33	56.1	10.4
Silica, dissolved	32	32	30	None	None	None	None	15	0	70	20	55.9	14.3	82	0	60	30	44.0	9.0
Sodium, dissolved	15000	14500	15600	None	None	None	None	15	0	16300	15200	15510.0	341.3	82	0	18500	14400	15756	818
Bicarb as CaCO3	33000	35750	33400	None	None	None	None	15	0	34500	27900	31710	1738	82	0	37500	29800	34421	1395
Carbonate as CaCO3	<2	<2	778	None	None	None	None	15	13	1450	1	222	448	82	68	3440	1	122	431
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	54	51	82	82	1	1	1	0
Total Alkalinity	33000	35750	34200	None	None	None	None	15	0	34500	29300	31883	1498	82	0	37500	31500	34542	1222
Cation-Anion Balance %	-2.7	-8.5	-2.8					15	6	3.3	-3.2	0.5	2.1	82	65	5.4	-13.4	-2.8	3.6
Sum of Anions meq/L	700	759	728					14	0	731	628	678.21	30.92	82	0	1010	682	737.22	42.22
Sum of Cations meq/L	663	641	688					14	0	719.5	671	682.96	13.82	82	0	816	636	696.01	35.83
Chloride	1300	1430	1460	None	None	250	Secondary Drinking	15	0	1460	1160	1328	69	82	0	1600	890	1319	99
Cond @ 25C (umhos/cm)	40600	41550	41700	None	None	None	None	15	0	41900	31500	40530	2742	82	0	49600	1430	39741	6134
Fluoride	66	66	65.2	None	None	2	Agricultural	15	0	71	43	59.0	7.5	82	0	87	43	63.0	6.7
pH (units)	8.3	8.4	8.3	None	None	6.5 - 8.5	Secondary Drinking	15	0	8.5	7.9	8.2	0.2	82	0	8.7	7.4	8.1	0.2
Total Dissolved Solids	39000	39400	40000	None	None	7125	TDS Water Quality	15	0	38800	36150	38147	687	82	0	40800	35800	38561	734
Sulfate	<20	<20	<20	None	None	250	Secondary Drinking	15	11	50	5	31	20	82	50	12400	2	358	1916
TDS (calc)	36300	37550	37700					15	0	37800	34600	36237	983	82	0	52500	36200	38327	2014
TDS ratio	1.07	1.05	1.06					14	0	1.11	0.965	1.06	0.04	82	0	1.07	0.74	1.009	0.04
Temperature	10	15.6	17.7					15	0	17.1	9.7	13.1	2.4	81	0	19.8	7.2	12.1	2.8

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

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

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

AMERICAN SODA INTERIM STATUS

DATA SUMMARY GROUND WATER WELL (BURKE) KCHB

FEBRUARY 1, 1999 - JUNE 30, 2012

Well ID	KCHB	KCHB	KCHB	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS FEBRUARY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - MARCH 31, 2012					
Sample Date	12/8/2011	3/13/2012	3/13/2012	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	0.09	None	None	0.75	Agricultural	8	0	0.14	0.09	0.115	0.016	81	0	0.7	0.07	0.12	0.078
Calcium, dissolved	48.9	40.6	36.9	None	None	None	None	8	0	70.5	28.1	47.9	16.3	81	0	63.4	11.5	43.5	12.8
Iron, dissolved	0.03	<0.02	<0.02	None	None	0.3	Secondary Drinking Water	8	3	0.25	0.005	0.074	0.097	81	17	0.16	0.005	0.046	0.037
Lithium, dissolved	0.04	0.04	0.04	None	None	2.5	Agricultural	8	0	0.04	0.03	0.038	0.005	81	4	0.1	0.02	0.041	0.013
Magnesium, dissolved	63.7	54.8	50.6	None	None	None	None	8	0	82.7	37.1	59.5	18.5	81	0	77.8	27	55.7	14.4
Potassium, dissolved	1.4	1.3	1.4	None	None	None	None	8	0	1.7	1	1.4	0.3	81	1	5	0.6	1.4	0.5
Silica, dissolved	20.8	20.1	19.9	None	None	None	None	8	0	23.2	19.5	21.2	1.1	81	0	23.5	13.7	21.1	1.5
Sodium, dissolved	206	203	214	None	None	None	None	8	0	206	183	196.0	8.0	81	0	1460	168	218	140
Bicarb as CaCO3	416	424	433	None	None	None	None	8	0	538	389	456	66	81	0	3140	301	468	305
Carbonate as CaCO3	52	27	<2	None	None	None	None	8	7	13	1	3	4	81	60	52	1	7	11
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	8	8	1	1	1	0	81	81	1	1	1	0
Total Alkalinity	468	450	433	None	None	None	None	8	0	551	389	458	69	81	0	3140	252	470	305
Cation-Anion Balance %	-0.3	-1.9	-1.3					8	4	1.8	-2	0.0	1.4	81	32	7.9	-9.8	0.5	2.7
Sum of Anions meq/L	16.9	16.1	15.8					8	0	19.5	13.2	16.03	2.69	81	0	67.9	11.1	16.24	6.11
Sum of Cations meq/L	16.8	15.5	15.4					8	0	19.5	13	16.01	2.67	81	0	67.5	10.8	16.39	6.07
Chloride	12	12	13	None	None	250	Secondary Drinking	8	0	9	6	8	1	81	0	14	6	9	2
Cond @ 25C (umhos/cm)	1420	1380	1290	None	None	None	None	8	0	1600	1110	1333	204	81	0	5820	838	1450	738
Fluoride	0.5	0.5	0.5	None	None	2	Agricultural	8	0	0.6	0.5	0.5	0.1	81	0	8.6	0.2	0.7	1.1
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	81	0	8.5	7	8.0	0.3
Total Dissolved Solids	980	920	910	None	None	1101	TDS Water Quality Standards	8	0	1080	720	881	143	81	0	1050	470	881	108
Sulfate	340	320	320	None	None	250	Secondary Drinking	8	0	390	240	315	63	81	0	390	200	309	48
TDS (calc)	974	922	916					8	0	1120	763	927	149	81	0	3650	665	946	321
TDS ratio	1.01	1	0.99					8	0	1.01	0.9	0.95	0.03	81	0	1.24	0.19	0.959	0.10
Temperature	13.7	12.2	14					8	0	20.8	15.6	18.1	1.5	81	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.

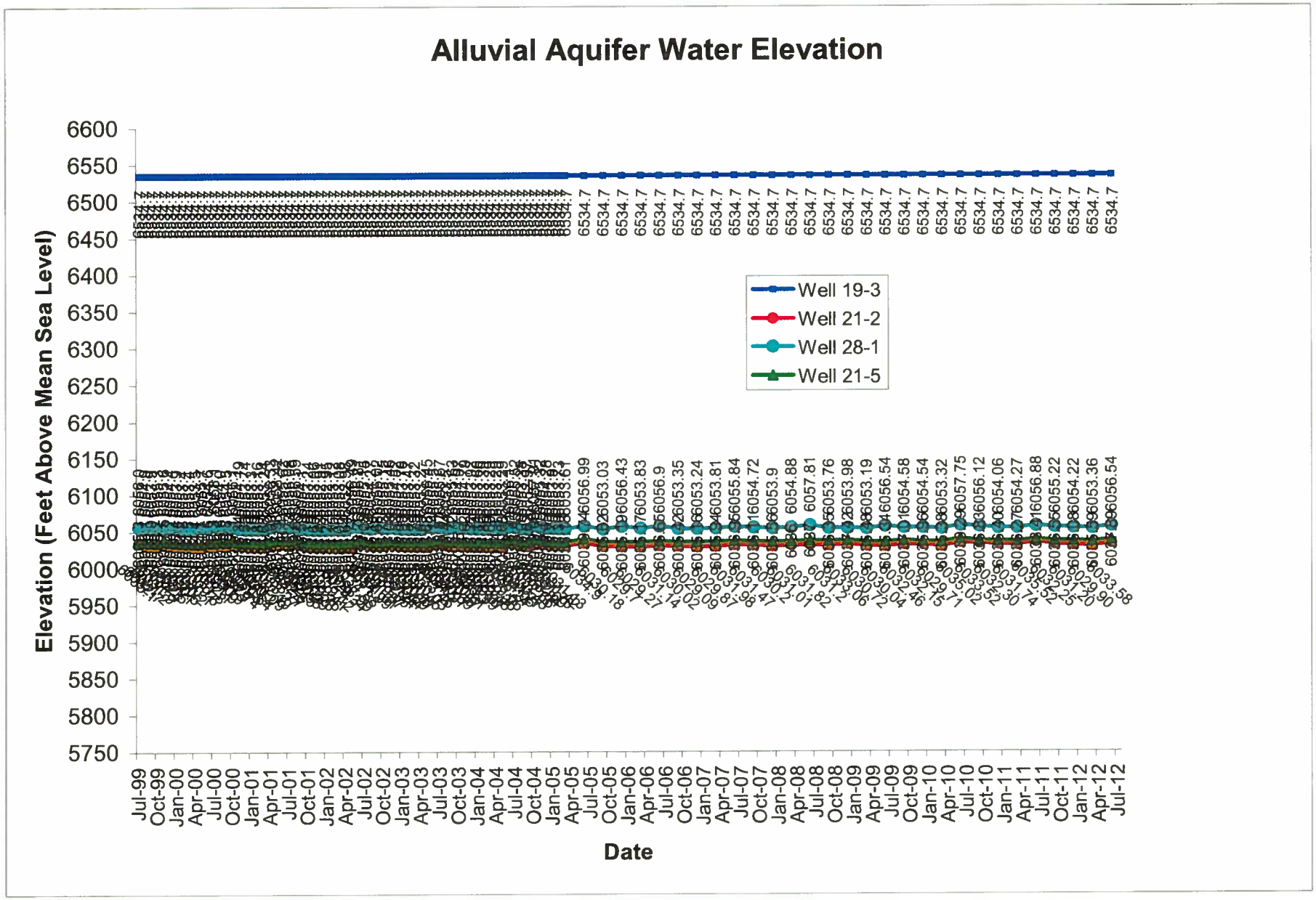
Analyte concentrations reported below the detection limit are set equal to one half the detection limit for all statistical calculations.

Alluvial Wells Water Elevation Summary

SEPTEMBER 2003 - JUNE 2012

Well ID	Well 19-3*		Well 21-2		Well 28-1		Well 21-5	
Installation Date	7/13/1999		5/13/1997		7/16/1999		7/16/1999	
Screened Interval	6,539.7 - 6534.7		6023 - 6013		6046 -6036		5958.3 -5948.3	
Collar or Ground Elevation (Feet Above Mean Sea Level)	6550.4		6105		6070.5		6059.3	
Date Measured	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)
Sep-03	15.70	6534.7	74.31	6030.7	14.87	6055.6	23.58	6035.7
Oct-03	15.70	6534.7	74.13	6030.9	15.53	6055.0	23.60	6035.7
Nov-03	15.70	6534.7	74.19	6030.8	15.71	6054.8	23.68	6035.6
Dec-03	15.70	6534.7	74.70	6030.3	16.58	6053.9	23.98	6035.3
Jan-04	15.70	6534.7	75.01	6030.0	16.84	6053.7	24.16	6035.1
Feb-04	15.70	6534.7	75.33	6029.7	17.11	6053.4	24.44	6034.9
Mar-04	15.70	6534.7	75.52	6029.5	17.21	6053.3	24.61	6034.7
Apr-04	15.70	6534.7	75.64	6029.4	17.21	6053.3	24.50	6034.8
May-04	15.70	6534.7	75.94	6029.1	17.21	6053.3	24.62	6034.7
Jun-04	15.70	6534.7	69.76	6035.2	14.40	6056.1	21.09	6038.2
Jul-04	15.70	6534.7	70.95	6034.1	14.98	6055.5	20.85	6038.5
Aug-04	15.70	6534.7	73.73	6031.3	17.12	6053.4	23.24	6036.1
Sep-04	15.70	6534.7	74.57	6030.4	17.53	6053.0	23.68	6035.6
Oct-04	15.70	6534.7	72.34	6032.7	12.59	6057.9	20.24	6039.1
Nov-04	15.70	6534.7	71.16	6033.8	15.18	6055.3	20.55	6038.8
Dec-04	15.70	6534.7	72.31	6032.7	16.22	6054.3	22.65	6036.7
Jan-05	15.70	6534.7	73.22	6031.8	16.60	6053.9	23.55	6035.8
Feb-05	15.70	6534.7	73.58	6031.4	16.77	6053.7	23.91	6035.4
Mar-05	15.70	6534.7	73.87	6031.1	16.89	6053.6	24.12	6035.2
Jun-05	15.70	6534.7	70.10	6034.9	13.51	6057.0	19.56	6039.7
Sep-05	15.70	6534.7	74.82	6030.2	17.47	6053.0	23.68	6035.6
Dec-05	15.70	6534.7	75.30	6029.7	14.07	6056.4	24.11	6035.2
Mar-06	15.70	6534.7	75.73	6029.3	16.67	6053.8	24.13	6035.2
Jun-06	15.70	6534.7	73.86	6031.1	13.60	6056.9	22.65	6036.7
Sep-06	15.70	6534.7	74.98	6030.0	17.15	6053.4	23.88	6035.4
Dec-06	15.70	6534.7	75.91	6029.1	17.26	6053.2	24.14	6035.2
Mar-07	15.70	6534.7	75.13	6029.9	16.69	6053.8	23.36	6035.9
Jun-07	15.70	6534.7	73.02	6032.0	14.66	6055.8	22.35	6037.0
Sep-07	15.70	6534.7	73.53	6031.5	15.78	6054.7	23.19	6036.1
Dec-07	15.70	6534.7	74.80	6030.2	16.60	6053.9	23.74	6035.6
Mar-08	15.70	6534.7	73.99	6031.0	15.62	6054.9	23.30	6036.0
Jun-08	15.70	6534.7	73.18	6031.8	12.69	6057.8	22.30	6037.0
Sep-08	15.70	6534.7	73.80	6031.2	16.74	6053.8	22.95	6036.4
Dec-08	15.70	6534.7	71.94	6033.1	16.52	6054.0	21.88	6037.4
Mar-09	15.70	6534.7	74.28	6030.7	17.31	6053.2	23.82	6035.5
Jun-09	15.70	6534.7	74.96	6030.0	13.96	6056.5	23.96	6035.3
Sep-09	15.70	6534.7	72.54	6032.5	15.92	6054.6	22.29	6037.0
Dec-09	15.70	6534.7	72.85	6032.2	15.96	6054.5	23.34	6036.0
Mar-10	15.70	6534.7	75.29	6029.7	17.18	6053.3	23.92	6035.4
Jun-10	15.70	6534.7	69.98	6035.0	12.75	6057.8	20.01	6039.3
Sep-10	15.70	6534.7	71.48	6033.5	14.38	6056.1	22.47	6036.8
Dec-10	15.70	6534.7	72.70	6032.3	16.44	6054.1	22.90	6036.4
Mar-11	15.70	6534.7	73.26	6031.7	16.23	6054.3	23.03	6036.3
Jun-11	15.70	6534.7	69.48	6035.5	13.62	6056.9	20.89	6038.4
Sep-11	15.70	6534.7	72.75	6032.3	15.28	6055.2	22.75	6036.6
Dec-11	15.70	6534.7	73.80	6031.2	16.28	6054.2	23.22	6036.1
Mar-12	15.70	6534.7	75.10	6029.9	17.14	6053.4	23.71	6035.6
Jun-12	15.70	6534.7	71.42	6033.6	13.96	6056.5	21.41	6037.9

* Well 19-3 is consistently dry.


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

Upper Aquifer Wells Water Elevation Summary
DECEMBER 2003 - JUNE 2012

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

Upper Aquifer Wells Water Elevation Summary Continued

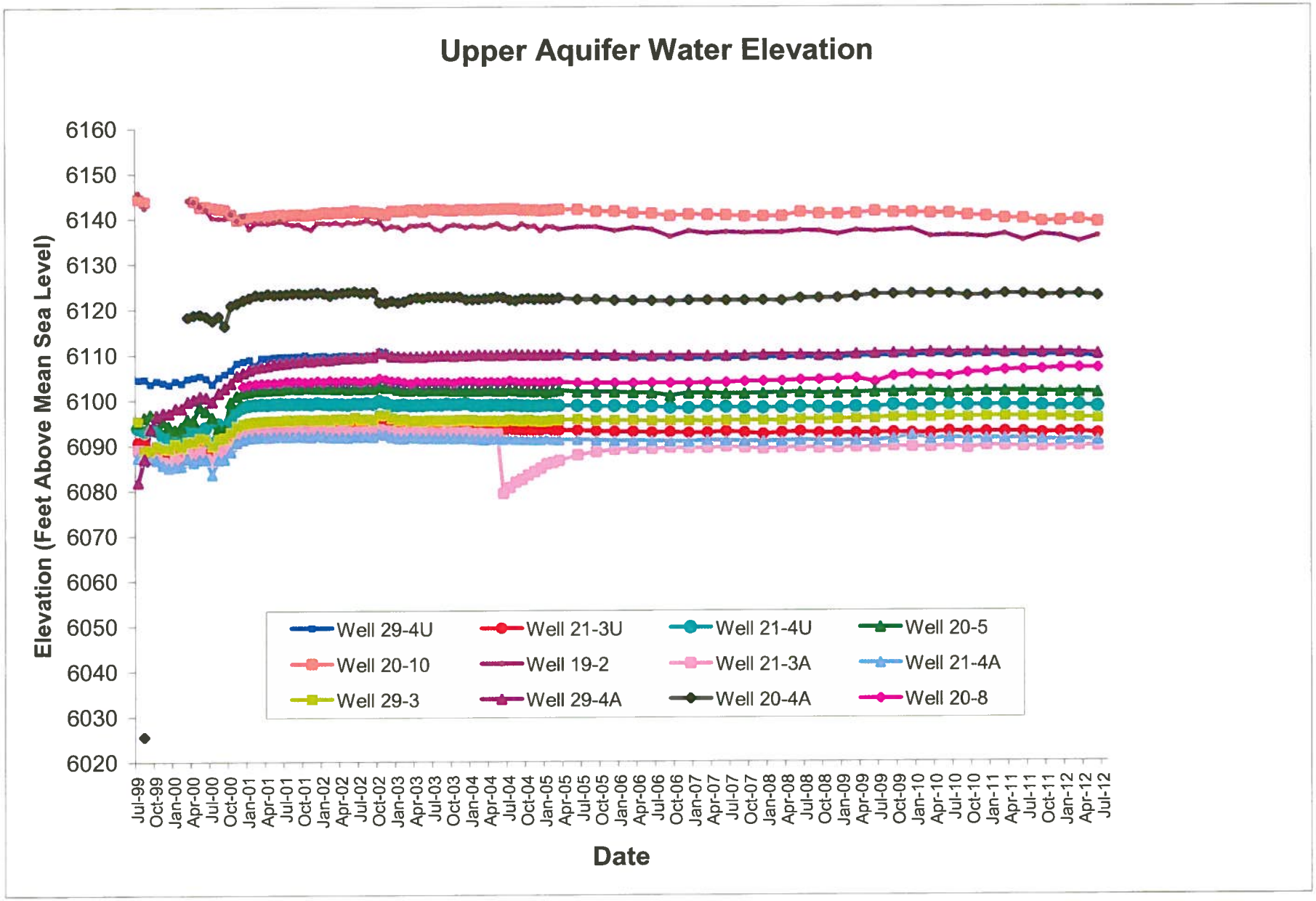
DECEMBER 2003 - JUNE 2012

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

Upper Aquifer Wells Water Elevation Summary Continued

DECEMBER 2003 - JUNE 2012

Well ID Installation Date Screened Interval (ft) Collar or Ground Elevation (Feet Above Mean Sea Level)	Well 20-5 5/8/97 5572.7 - 5562.7 6204.7		Well 20-10 9/5/98 5579.38 - 5569.38 6569.4		Well 19-2 5/5/98 5351.77 - 5341.77 6621.8		Well 20-4A 7/18/98 5352.6 - 5332.6 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)
Dec-03	102.7	6102.0	427.5	6141.9	483.8	6138.0	300.6	6122.0
Jan-04	102.7	6102.0	427.4	6142.0	483.4	6138.4	300.6	6122.0
Feb-04	102.7	6102.0	427.5	6141.9	483.7	6138.1	300.5	6122.1
Mar-04	102.6	6102.1	427.4	6142.0	483.8	6138.0	300.4	6122.2
Apr-04	102.6	6102.1	427.3	6142.1	483.4	6138.5	300.3	6122.3
May-04	102.7	6102.0	427.4	6142.1	483.0	6138.9	300.0	6122.6
Jun-04	102.8	6102.0	427.3	6142.1	483.7	6138.1	300.1	6122.5
Jul-04	102.5	6102.2	427.3	6142.1	484.1	6137.7	300.7	6121.9
Aug-04	102.7	6102.0	427.3	6142.1	484.0	6137.8	300.9	6121.8
Sep-04	102.9	6101.8	427.5	6141.9	483.0	6138.8	300.5	6122.1
Oct-04	102.7	6102.0	427.6	6141.8	483.7	6138.2	300.4	6122.2
Nov-04	102.9	6101.8	427.6	6141.9	483.5	6138.3	300.6	6122.0
Dec-04	102.7	6102.0	427.7	6141.7	484.6	6137.2	300.5	6122.1
Jan-05	103.1	6101.6	427.7	6141.8	483.6	6138.2	300.6	6122.1
Feb-05	102.9	6101.8	427.5	6141.9	483.7	6138.1	300.5	6122.1
Mar-05	102.6	6102.1	427.4	6142.0	484.2	6137.6	300.2	6122.4
Jun-05	103.0	6101.7	427.5	6141.9	483.7	6138.1	300.6	6122.0
Sep-05	103.0	6101.7	427.9	6141.5	483.7	6138.1	300.6	6122.0
Dec-05	103.1	6101.6	427.8	6141.6	484.6	6137.2	300.8	6121.8
Mar-06	103.2	6101.5	428.2	6141.2	483.9	6137.9	300.8	6122.6
Jun-06	103.3	6101.4	428.4	6141.0	484.3	6137.5	300.2	6121.7
Sep-06	103.9	6100.8	428.9	6140.5	485.9	6135.9	301.0	6121.6
Dec-06	103.3	6101.4	428.6	6140.8	484.7	6137.1	300.8	6121.8
Mar-07	103.4	6101.4	428.7	6140.7	485.2	6136.6	300.8	6121.8
Jun-07	103.5	6101.2	428.8	6140.6	484.9	6136.9	300.9	6121.7
Sep-07	103.5	6101.2	429.1	6140.3	485.1	6136.7	300.9	6121.8
Dec-07	103.4	6101.3	429.0	6140.4	485.0	6136.8	300.8	6121.8
Mar-08	103.3	6101.5	429.0	6140.4	485.0	6136.8	300.9	6121.7
Jun-08	103.2	6101.5	428.0	6141.4	484.6	6137.2	300.3	6122.3
Sep-08	103.4	6101.3	428.5	6140.9	484.7	6137.1	300.4	6122.2
Dec-08	103.3	6101.4	428.5	6140.9	485.4	6136.4	300.3	6122.3
Mar-09	103.3	6101.4	428.4	6141.0	484.5	6137.3	300.0	6122.6
Jun-09	103.1	6101.6	427.9	6141.5	484.8	6137.0	299.6	6123.0
Sep-09	103.1	6101.6	428.2	6141.2	484.5	6137.3	299.5	6123.1
Dec-09	103.0	6101.7	428.2	6141.2	484.3	6137.5	299.4	6123.2
Mar-10	102.9	6101.8	428.4	6141.0	485.9	6135.9	299.4	6123.2
Jun-10	103.2	6101.5	428.4	6141.0	485.7	6136.1	299.4	6123.2
Sep-10	103.0	6101.7	428.8	6140.6	485.8	6136.0	299.9	6122.7
Dec-10	102.9	6101.8	429.1	6140.3	486.1	6135.7	299.7	6122.9
Mar-10	103.0	6101.7	429.6	6139.9	485.4	6136.4	299.4	6123.2
Jun-10	102.9	6101.8	429.6	6139.8	486.9	6134.9	299.5	6123.1
Sep-11	103.1	6101.6	430.2	6139.2	485.5	6136.3	299.8	6122.9
Dec-11	103.2	6101.5	430.1	6139.3	485.9	6135.9	299.7	6122.9
Mar-12	103.2	6101.5	429.8	6139.6	487.1	6134.7	299.6	6123.0
Jun-12	103.4	6101.4	430.4	6139.0	485.9	6135.9	300.0	6122.6


Upper Aquifer Water Elevation
Elevation (Feet Above Mean Sea Level)
6160
6150
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Well 29-4U
Well 21-3U
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Well 19-2
Well 21-3A
Well 21-4A
Well 29-3
Well 29-4A
Well 20-4A
Well 20-8
Jul-99
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Jan-12
Apr-12
Jul-12
Date

Lower Aquifer Wells Water Elevation Summary

DECEMBER 2003 - JUNE 2012

Well ID	Well 21-3B		Well 21-4B		Well 29-2B		Well 20-9	
Installation Date	7/8/99		7/14/99		7/20/99		1/23/98	
Screened Interval (ft)	5209.86 - 5199.86		5201.6 - 5191.6		5195.26 - 5178.26		5172.99 - 5162.99	
Collar or Ground Elevation (Feet Above Mean Sea Level)	6118.86		6277.6		6218.3		6237	
Date Measured	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)
Dec-03	37.44	6081.42	193.27	6084.33	101.85	6116.45	127.90	6109.10
Jan-04	37.79	6081.07	193.58	6084.02	101.65	6116.65	127.89	6109.11
Feb-04	37.72	6081.14	193.59	6084.01	101.73	6116.57	127.80	6109.20
Mar-04	37.88	6080.98	193.67	6083.93	101.83	6116.47	127.60	6109.40
Apr-04	37.75	6081.11	193.43	6084.17	101.73	6116.57	127.48	6109.52
May-04	37.70	6081.16	193.46	6084.14	101.69	6116.61	127.55	6109.45
Jun-04	37.92	6080.94	193.47	6084.13	101.63	6116.67	127.60	6109.40
Jul-04	37.94	6080.92	193.38	6084.22	102.25	6116.05	127.13	6109.87
Aug-04	37.91	6080.95	193.56	6084.04	101.78	6116.52	127.17	6109.83
Sep-04	38.04	6080.82	193.54	6084.06	101.54	6116.76	127.42	6109.58
Oct-04	38.12	6080.74	193.67	6083.93	101.55	6116.75	127.30	6109.70
Nov-04	38.10	6080.76	193.61	6083.99	101.71	6116.59	127.87	6109.13
Dec-04	38.18	6080.68	193.62	6083.98	101.62	6116.68	127.58	6109.42
Jan-05	37.96	6080.90	193.43	6084.17	101.75	6116.55	127.88	6109.12
Feb-05	38.18	6080.68	193.62	6083.98	101.67	6116.63	127.67	6109.33
Mar-05	37.98	6080.88	193.65	6083.95	101.60	6116.70	127.36	6109.64
Jun-05	38.11	6080.75	193.69	6083.91	101.73	6116.57	127.60	6109.40
Sep-05	38.30	6080.56	193.76	6083.84	101.75	6116.55	127.38	6109.62
Dec-05	38.37	6080.5	193.83	6083.8	101.73	6116.6	127.43	6109.6
Mar-06	38.45	6080.4	193.90	6083.7	101.73	6116.6	127.70	6109.3
Jun-06	38.58	6080.3	194.06	6083.5	101.81	6116.5	127.74	6109.3
Sep-06	38.50	6080.4	194.14	6083.5	101.75	6116.6	127.69	6109.3
Dec-06	38.77	6080.1	194.19	6083.4	101.98	6116.3	128.16	6108.8
Mar-07	38.64	6080.2	193.96	6083.6	101.80	6116.5	127.83	6109.2
Jun-07	38.57	6080.3	194.00	6083.6	101.81	6116.5	127.88	6109.1
Sep-07	38.73	6080.1	194.11	6083.5	101.86	6116.4	128.00	6109.0
Dec-07	38.80	6080.1	194.14	6083.5	101.65	6116.7	127.97	6109.0
Mar-08	38.73	6080.1	194.12	6083.5	101.65	6116.7	127.89	6109.1
Jun-08	38.54	6080.3	193.94	6083.7	101.49	6116.8	127.96	6109.0
Sep-08	38.80	6080.1	194.08	6083.5	101.58	6116.7	128.28	6108.7
Dec-08	38.80	6080.1	194.23	6083.4	101.55	6116.8	128.14	6108.9
Mar-09	38.60	6080.3	194.02	6083.6	101.45	6116.9	128.05	6109.0
Jun-09	38.52	6080.3	193.99	6083.6	101.34	6117.0	127.96	6109.0
Sep-09	38.43	6080.4	193.53	6084.1	101.05	6117.3	127.92	6109.1
Dec-09	38.33	6080.5	193.72	6083.9	100.85	6117.5	127.70	6109.3
Mar-10	39.85	6079.0	193.77	6083.8	100.93	6117.4	127.67	6109.3
Jun-10	39.74	6079.1	193.41	6084.2	101.24	6117.1	127.81	6109.2
Sep-10	39.97	6078.9	193.67	6083.9	101.20	6117.1	127.79	6109.2
Dec-10	40.08	6078.8	193.58	6084.0	100.92	6117.4	127.83	6109.2
Mar-11	40.13	6078.7	193.48	6084.1	100.88	6117.4	127.78	6109.2
Jun-11	40.49	6078.4	193.57	6084.0	100.96	6117.3	127.81	6109.2
Sep-11	40.12	6078.7	193.71	6083.9	101.17	6117.1	128.02	6109.0
Dec-11	40.26	6078.6	193.87	6083.7	101.09	6117.2	128.20	6108.8
Mar-12	40.38	6078.5	193.78	6083.8	101.09	6117.2	128.02	6109.0
Jun-12	40.34	6078.5	193.76	6083.8	101.47	6116.8	128.17	6108.8

Lower Aquifer Wells Water Elevation Summary Continued

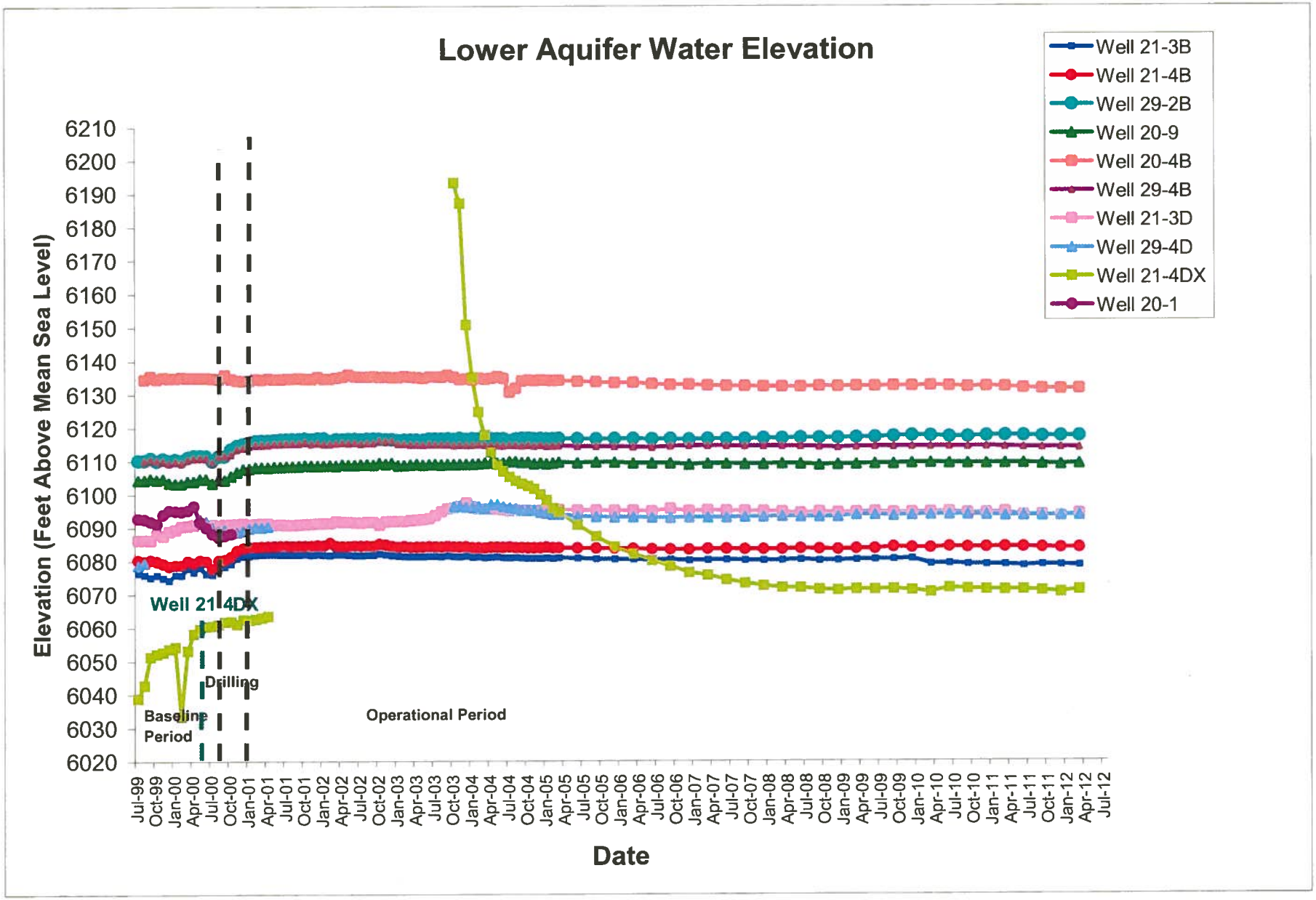
DECEMBER 2003 - JUNE 2012

Well ID	Well 20-4B		Well 29-4B		Well 21-3D		Well 29-4D	
Installation Date	8/27/99		8/21/99		7/8/99		7/15/99	
Screened Interval (ft)	5137.62 - 5127.62		5188.7 - 5178.70		4845.9 - 4835.9		4850.4 - 4840.4	
Collar or Ground Elevation (Feet Above Mean Sea Level)	6422.6		6158.7		6118.9		6159.4	
Date Measured	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)
Dec-03	287.96	6134.64	43.85	6114.85	21.39	6097.51	63.18	6096.45
Jan-04	288.22	6134.38	43.80	6114.90	22.50	6096.40	63.29	6096.22
Feb-04	287.65	6134.95	43.63	6115.07	23.23	6095.67	63.03	6096.11
Mar-04	288.08	6134.52	43.82	6114.88	23.30	6095.60	63.68	6096.37
Apr-04	287.81	6134.79	43.92	6114.78	23.28	6095.63	62.47	6095.72
May-04	287.21	6135.39	43.94	6114.76	23.23	6095.67	62.44	6096.93
Jun-04	287.82	6134.78	44.03	6114.67	23.53	6095.37	63.08	6096.96
Jul-04	291.88	6130.72	43.82	6114.88	23.75	6095.15	63.47	6096.32
Aug-04	290.80	6131.80	43.89	6114.81	23.60	6095.30	63.65	6095.93
Sep-04	288.64	6133.96	44.02	6114.68	23.82	6095.08	64.04	6095.75
Oct-04	288.34	6134.26	43.90	6114.80	23.73	6095.17	64.18	6095.36
Nov-04	288.47	6134.13	44.14	6114.56	23.89	6095.01	64.17	6095.22
Dec-04	288.36	6134.24	43.92	6114.78	23.77	6095.13	64.83	6095.23
Jan-05	288.45	6134.15	44.19	6114.51	23.70	6095.20	65.14	6094.57
Feb-05	288.49	6134.11	44.11	6114.59	23.94	6094.96	65.39	6094.26
Mar-05	288.39	6134.21	44.08	6114.62	23.44	6095.46	65.42	6094.01
Jun-05	288.80	6133.80	44.27	6114.43	23.67	6091.23	65.99	6093.98
Sep-05	288.92	6133.68	44.24	6114.46	23.63	6095.27	66.18	6093.41
Dec-05	289.20	6133.40	44.35	6114.35	23.75	6095.15	66.32	6093.22
Mar-06	289.10	6133.40	44.46	6114.24	23.70	6095.20	66.31	6093.08
Jun-06	289.50	6133.10	44.58	6114.12	24.00	6094.90	66.42	6093.09
Sep-06	289.78	6132.82	44.26	6114.44	23.22	6095.68	66.50	6092.98
Dec-06	289.75	6132.85	44.14	6114.56	23.90	6095.00	66.37	6092.90
Mar-07	290.00	6132.60	44.10	6114.60	23.70	6095.20	66.43	6093.03
Jun-07	290.14	6132.46	44.19	6114.51	23.87	6095.03	66.41	6092.97
Sep-07	290.21	6132.39	44.28	6114.42	23.95	6094.95	66.32	6092.99
Dec-07	290.35	6132.25	44.25	6114.45	24.00	6094.90	66.21	6093.08
Mar-08	290.36	6132.24	44.26	6114.44	24.17	6094.73	66.12	6093.19
Jun-08	290.47	6132.13	44.30	6114.40	24.59	6094.31	66.20	6093.28
Sep-08	290.21	6132.39	44.47	6114.23	24.19	6094.71	66.23	6093.20
Dec-08	290.37	6132.23	44.67	6114.03	24.47	6094.43	66.24	6093.17
Mar-09	290.22	6132.38	44.48	6114.22	24.35	6094.55	65.67	6093.16
Jun-09	290.28	6132.32	44.42	6114.28	24.20	6094.70	65.68	6093.73
Sep-09	290.13	6132.47	44.41	6114.29	24.51	6094.39	65.93	6093.47
Dec-09	290.20	6132.40	44.37	6114.33	24.40	6094.50	65.74	6093.66
Mar-10	290.08	6132.52	44.38	6114.32	24.32	6094.58	65.57	6093.83
Jun-10	290.23	6132.37	44.40	6114.30	24.20	6094.70	65.59	6093.81
Sep-10	290.48	6132.12	44.46	6114.24	24.60	6094.30	65.70	6093.70
Dec-10	290.37	6132.23	44.39	6114.31	24.63	6094.27	65.73	6093.67
Mar-11	290.51	6132.09	44.56	6114.14	24.30	6094.60	65.94	6093.46
Jun-11	290.90	6131.70	44.66	6114.04	25.31	6093.59	65.95	6093.45
Sep-11	291.16	6131.44	44.75	6113.95	25.22	6093.68	66.02	6093.38
Dec-11	291.23	6131.37	44.69	6114.01	25.65	6093.25	65.90	6093.50
Mar-12	291.13	6131.47	44.81	6113.89	24.90	6094.00	65.89	6093.51
Jun-12	291.65	6130.95	45.13	6113.57	25.50	6093.40	66.19	6093.21

Lower Aquifer Wells Water Elevation Summary Continued

DECEMBER 2003 - JUNE 2012

Well ID Installation Date Screened Interval (ft) Collar or Ground Elevation (Feet Above Mean Sea Level)	Well 21-4D 7/14/99 4835.6 - 4845.6 6277.6		Well 20-1 5/19/05 Pump Set @ 4882.5 6232.5		Well 21-4DX 2/25/00 4841.5 - 4851.5 6283.5			
Date Measured	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)
Dec-03	Replaced With Well 21-4DX		Well 20-1 was Plugged and Abandoned 10/23/00.		132.71	6150.79		
Jan-04					148.43	6135.07		
Feb-04					158.74	6124.76		
Mar-04					165.63	6117.87		
Apr-04					170.84	6112.66		
May-04					174.60	6108.90		
Jun-04					176.52	6106.98		
Jul-04					178.19	6105.31		
Aug-04					179.40	6104.10		
Sep-04					180.31	6103.19		
Oct-04					180.93	6102.57		
Nov-04					181.80	6101.70		
Dec-04					183.49	6100.01		
Jan-05					185.14	6098.36		
Feb-05					187.67	6095.83		
Mar-05					188.82	6094.68		
Jun-05					192.67	6090.83		
Sep-05					196.18	6087.32		
Dec-05					199.31	6084.19		
Mar-06					201.42	6082.08		
Jun-06					203.35	6080.15		
Sep-06					205.15	6078.35		
Dec-06					207.09	6076.41		
Mar-07					207.86	6075.64		
Jun-07					209.20	6074.30		
Sep-07					210.31	6073.19		
Dec-07					211.03	6072.47		
Mar-08					211.60	6071.90		
Jun-08					211.68	6071.82		
Sep-08					212.16	6071.34		
Dec-08					212.40	6071.10		
Mar-09					212.12	6071.38		
Jun-09					212.14	6071.36		
Sep-09					212.05	6071.45		
Dec-09					212.40	6071.10		
Mar-10					212.98	6070.52		
Jun-10					211.75	6071.75		
Sep-10					212.00	6071.50		
Dec-10					212.20	6071.30		
Mar-11					212.33	6071.17		
Jun-11					212.3	6071.3		
Sep-11					212.6	6070.9		
Dec-11					213.1	6070.4		
Mar-12					212.3	6071.2		
Jun-12					215.5	6068.0		


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
6040
6030
6020
Well 21-4DX
Drilling
Baseline Period
Operational Period
Jul-99
Oct-99
Jan-00
Apr-00
Jul-00
Oct-00
Jan-01
Apr-01
Jul-01
Oct-01
Jan-02
Apr-02
Jul-02
Oct-02
Jan-03
Apr-03
Jul-03
Oct-03
Jan-04
Apr-04
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Jan-09
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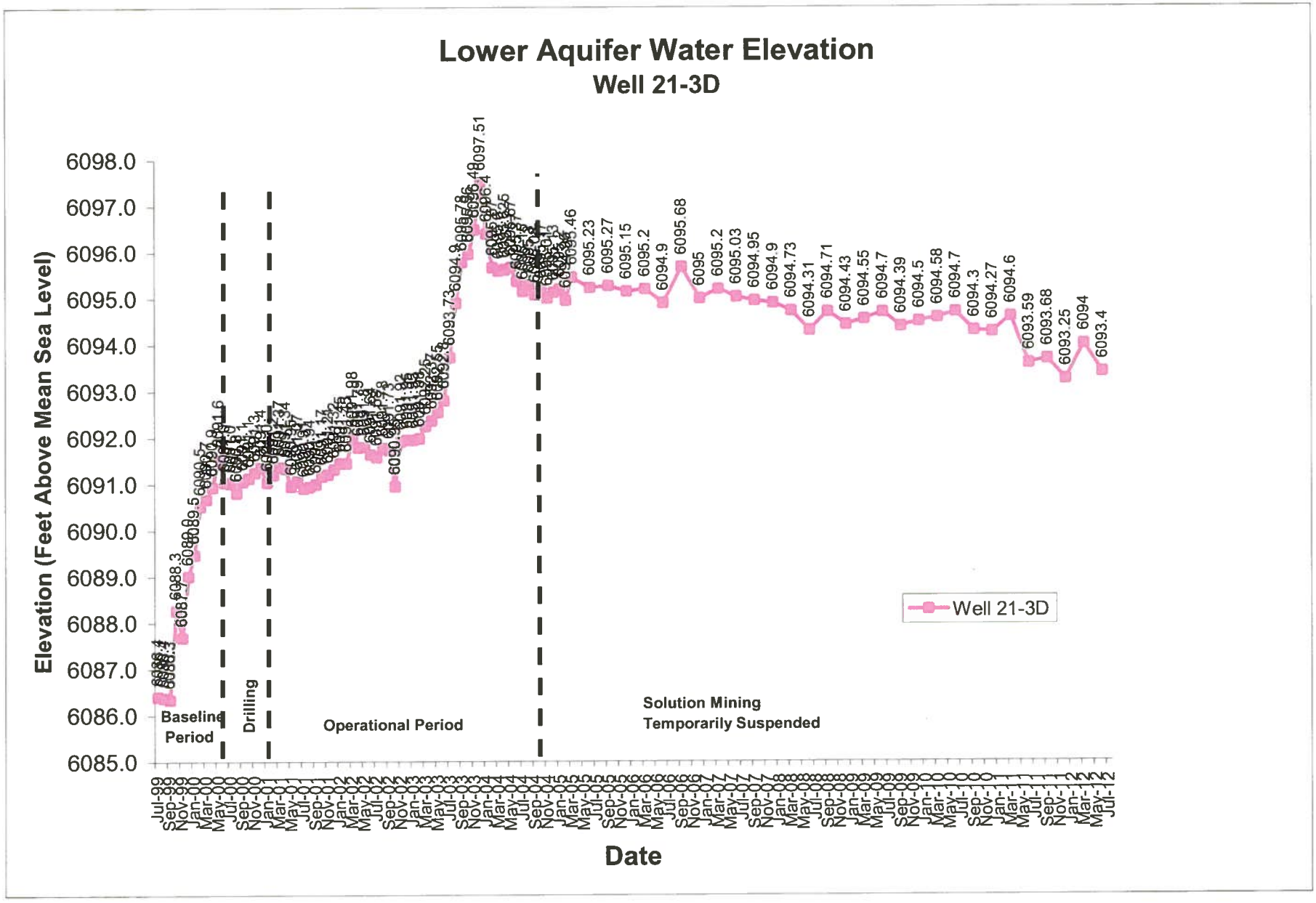
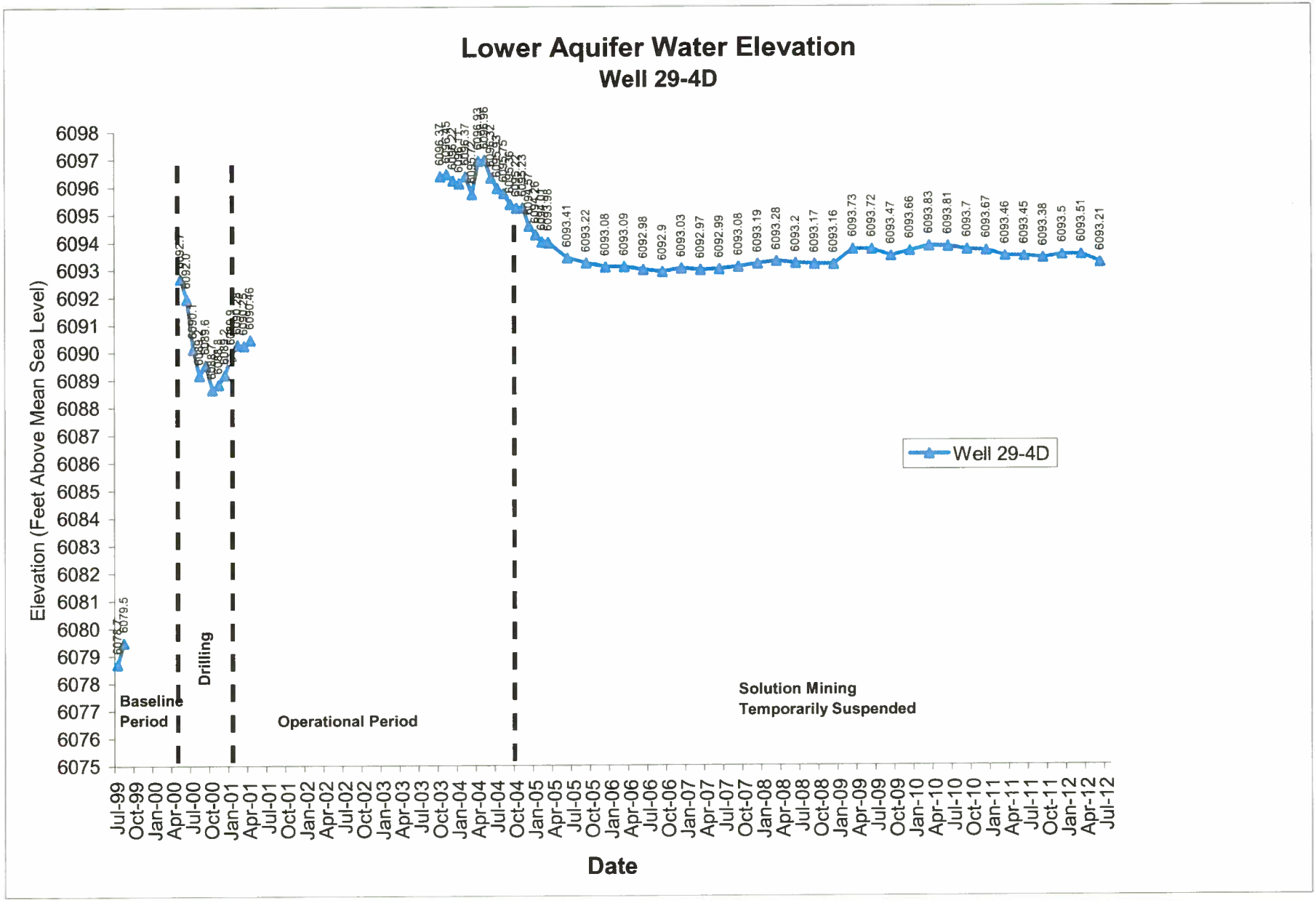
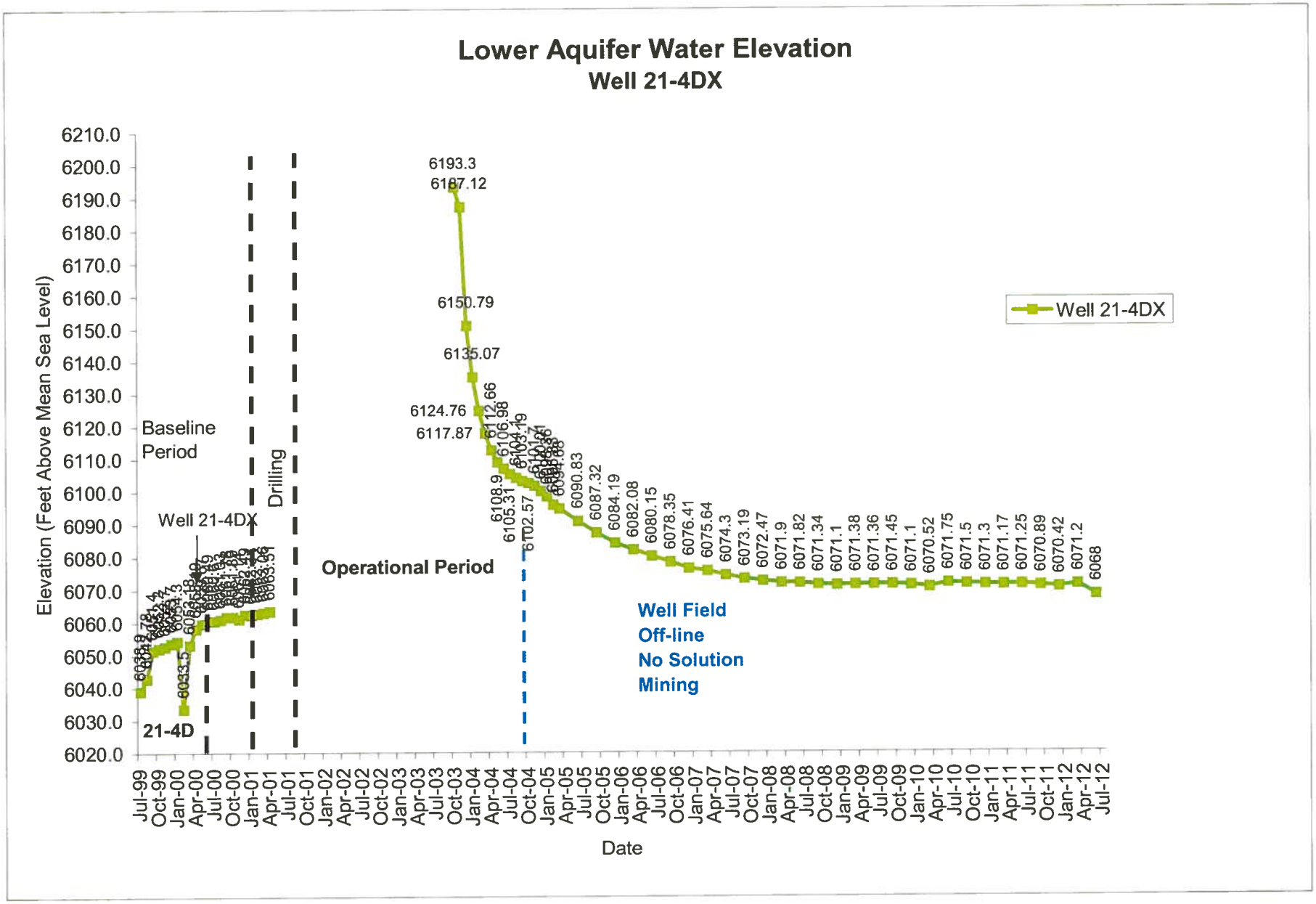
Jul-09
Oct-09
Jan-10
Apr-10
Jul-10
Oct-10
Jan-11
Apr-11
Jul-11
Oct-11
Jan-12
Apr-12
Jul-12
Date


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
Baseline Period
Drilling
Operational Period
Well 21-4DX
21-4D
Well Field Off-line No Solution Mining
Well 21-4DX
6193.3
6187.12
6150.79
6135.07
6124.76
6117.87
6033.5