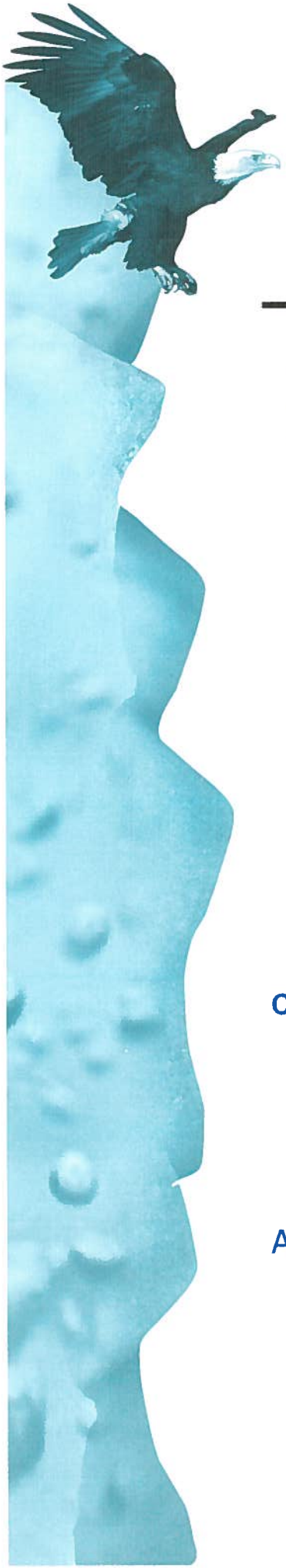

AMERICAN SODA, LLP

YANKEE GULCH
SODIUM MINERALS PROJECT

October 1, 2012 through December 31, 2012
49th 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
January 28, 2013

DMG – Travis Marshall (4/6)

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Executive Summary

American Soda, L.L.P. is submitting this 49th 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 October 1, 2012 through December 31, 2012. The Piceance processing plant and well field were in temporary suspension of production operations status and no solution mining activity occurred during the report period.

The hydrologic monitoring program for the current reporting period at the Yankee Gulch Sodium Minerals Project includes monitoring of 60 water quality 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.

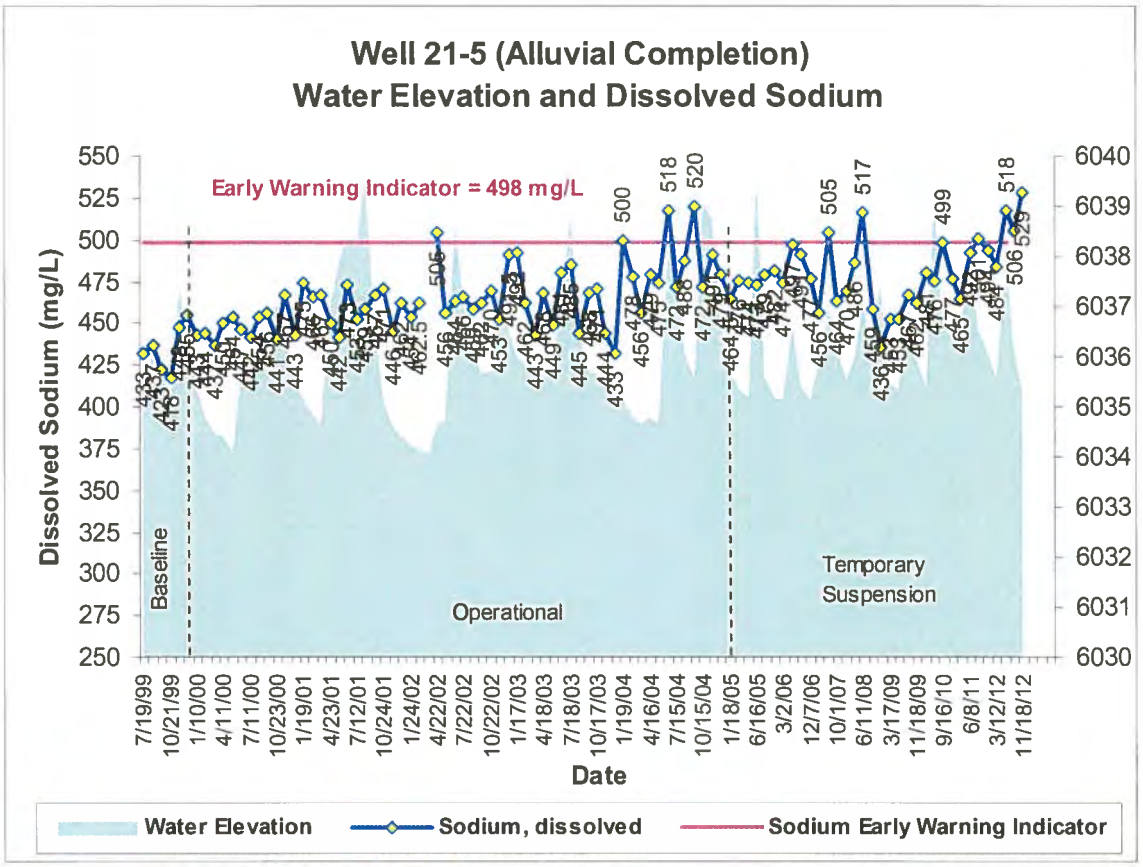
Before American Soda commenced mining operations in 2000, fifteen months of baseline ground water data was collected. The current quarter monitoring data for each well is summarized in a two page table per well in this document. Not only is the raw data for the present reporting period included, but 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 one data point for dissolved sodium elevated above the EWI at down gradient alluvial well 21-5. The sample, collected in November 2012, was reported with a value for dissolved sodium of 529 mg/L. The calculated EWI for this constituent at this monitoring point is 498 mg/L, a difference of 31 mg/L. The baseline mean value for dissolved sodium for this well is 443 mg/L computed from 15 baseline samples. The maximum value for dissolved sodium observed in the baseline program was 456 mg/L. The operational mean value determined from 84 samples is 471 mg/L. The value of dissolved sodium at alluvial well 21-5 has exceeded the calculated EWI nine times previously in the operational period of record. These ten points are summarized in the following table along with their respective sample dates:

Sample Date	**Alluvial Well 21-5 Dissolved Sodium (mg/L)**
Early Warning Indicator	498
April 2, 2002	505
January 19, 2004	500
June 21, 2004	518
September 10, 2004	520
June 13, 2008	505
June 11, 2008	517
September 16, 2010	499
June 7, 2012	518
September 9, 2012	506
November 18, 2012	529

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



The cation/anion balance for the November 18, 2012 sample from alluvial well 21-5 is 1.4%. The sum of the anions and cations measured from this sample are 34.8 meq/L and 35.8 meq/L, respectively. Conductivity (2630 umhos/cm) and total dissolved solids (2000 mg/L) were both representative of historical values and below EWI 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.

AMERICAN SODA INTERIM STATUS
DATA SUMMARY GROUND WATER WELL 28-1
JULY 1, 1999 - DECEMBER 31, 2012

Well ID	28-1	28-1	28-1	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/7/2012	9/9/2012	11/18/2012	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Average	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
Aluminum, dissolved			<0.2	None	None	5.0	Agricultural	15	15	0.1	0.03	0.053	0.034	60	59	0.2	0.015	0.081	0.037
Antimony, dissolved			<0.002	None	None	0.006	Human Health	15	12	0.01	0.0001	0.002	0.003	60	59	0.003	0.0005	0.0010	0.0004
Arsenic, dissolved			0.002	None	None	0.05	Human Health	15	6	0.016	0.001	0.005	0.004	60	48	0.005	0.0005	0.002	0.001
Barium, dissolved			<0.02	None	None	2	Human Health	15	3	0.06	0.01	0.018	0.012	60	42	0.03	0.01	0.012	0.004
Beryllium, dissolved			<0.0003	None	None	0.004	Human Health	15	15	0.0015	0.00005	0.0005	0.0004	60	59	0.237	0.00025	0.0044	0.0305
Boron, dissolved	0.7	0.63	0.67	None	0.94	0.75	Agricultural	15	0	0.72	0.52	0.605	0.056	84	0	0.72	0.51	0.63	0.041
Cadmium, dissolved			<0.0005	None	None	0.005	Human Health	15	10	0.002	0.00005	0.0008	0.0005	60	60	0.0005	0.00025	0.0005	0.0001
Calcium, dissolved	93	87.6	87	None	None	None	None	15	0	77.5	52.7	68.4	7.2	84	0	99.1	51.9	81.7	8.3
Chromium, dissolved			<0.003	None	None	0.1	Human Health	15	0	0.011	0.0015	0.005	0.003	60	21	0.474	0.00025	0.010	0.061
Cobalt, dissolved			0.0011	None	None	0.05	Agricultural	15	0	0.0027	0.001	0.002	0.0005	60	3	0.0042	0.00025	0.0015	0.00065
Copper, dissolved			<0.003	None	None	0.2	Agricultural	15	5	0.046	0.00125	0.018	0.015	60	23	0.049	0.0015	0.0077	0.009
Iron, dissolved	<0.2	<0.04	<0.1	None	None	0.3	Secondary Drinking Water	15	9	0.12	0.005	0.027	0.033	84	60	0.32	0.005	0.046	0.049
Lead, dissolved			<0.0005	None	None	0.05	Human Health	15	13	0.0036	0.00005	0.001	0.001	60	46	0.0048	0.00025	0.0009	0.0009
Lithium, dissolved	<0.2	<0.04	<0.1	None	2.5	2.5	Agricultural	15	15	0.05	0.02	0.026	0.012	84	70	0.1	0.02	0.044	0.015
Magnesium, dissolved	410	394	390	None	None	None	None	15	0	340	224	282.6	32.3	84	0	443	200	347.9	41.4
Manganese, dissolved			0.047	None	None	0.05	Secondary Drinking Water	15	0	0.175	0.011	0.060	0.038	60	0	0.091	0.002	0.034	0.021
Mercury, dissolved			<0.0002	None	None	0.002	Human Health	15	15	0.001	0.0001	0.0005	0.0002	60	59	0.005	0.0001	0.001	0.0018
Molybdenum, dissolved			0.032	None	None	None	None	15	0	0.032	0.023	0.028	0.002	60	0	0.0638	0.019	0.0265	0.006
Nickel, dissolved			<0.003	None	None	0.1	Human Health	15	2	0.024	0.002	0.009	0.005	60	6	0.186	0.001	0.0080	0.0235
Potassium, dissolved	6.0	4.1	4	None	5.21	None	None	15	0	4	2.9	3.5	0.4	84	0	9	2	3.8	0.9
Selenium, dissolved			<0.001	None	None	0.02	Agricultural	15	14	0.003	0.0005	0.002	0.001	60	59	0.03	0.0005	0.006	0.0103
Silica, dissolved	27	25.8	27	None	35.96	None	None	15	0	28	20.8	24.6	2.2	84	0	29	21.2	26.3	1.2
Silver, dissolved			<0.0003	None	None	0.05	Human Health	15	14	0.00064	0.00005	0.0003	0.0002	60	58	0.0009	0.00015	0.0003	0.0001
Sodium, dissolved	1090	996	1040	None	1294	None	None	15	0	961	659	830.3	77.7	84	0	1100	673	938	81
Strontium, dissolved			8.09	None	None	None	None	15	0	7.14	4.66	5.906	0.683	60	0	8.67	4.47	7.01	0.73
Thallium, dissolved			<0.0005	None	None	0.002	Human Health	15	15	0.0005	2.5E-05	0.0003	0.0002	60	43	0.008	0.00015	0.0009	0.0015
Uranium, dissolved			0.0082	None	None	None	None	15	1	0.0095	0.005	0.0063	0.0011	60	0	0.0151	0.0042	0.0072	0.0014
Vanadium, dissolved			<0.03	None	None	0.1	Agricultural	15	14	0.015	0.005	0.0087	0.0048	60	58	0.015	0.0025	0.012	0.0046
Zinc, dissolved			0.01	None	None	2	Agricultural	15	4	0.092	0.005	0.041	0.028	60	42	0.04	0	0.01	0.008
Bicarb as CaCO3	1110	1080	1100	None	None	None	None	15	0	1130	985	1055	37	84	0	1550	865	1094	88
Carbonate as CaCO3	<2	<2	<2	None	None	None	None	15	15	10	1	5	5	84	72	95	1	8	19.46
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	10	1	5	5	84	84	1	1	1	0.00
Total Alkalinity	1110	1080	1100	None	1290	None	None	15	0	1130	985	1055	37	84	0	1550	865	1101	86

* 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.

AMERICAN SODA OPERATIONAL PHASE 1
DATA SUMMARY GROUND WATER WELL 28-1 CONTINUED
JULY 1, 1999 - DECEMBER 31, 2012

Well ID	28-1	28-1	28-1	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/7/2012	9/9/2012	11/18/2012	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Average	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
Bromide			<2.5	None	None	None	None	15	7	1	0.05	0.37	0.26	59	35	3	0.05	0.53	0.53
Carbon, dissolved organic			<10	None	None	None	None	15	0	20	7.1	11.1	2.9	60	1	230	2	24.2	31.0
Cation-Anion Balance %	4.2	-0.1	1.9					15	12	22.9	-8.4	-1.2	7.1	84	56	13.8	-8.55	-1.0	3.5
Sum of Anions meq/L	79.5	80.7	79.3					15	0	73.4	37.9	65.19	8.53	84	0	90.15	54.6	75.56	6.73
Sum of Cations meq/L	86.4	80.6	82.4					15	0	73.6	50.3	63.36	6.33	84	0	87	50.4	74.10	7.06
Chloride	95	84	94	None	None	250	Secondary Drinking Water	15	0	83	53	73	8	84	0	95	49	75	7
Cond @ 25C (umhos/cm)	5690	5380	5330	None	7324	None	None	15	0	5390	3640	4832	449	84	0	6500	4090	5386	484
Fluoride	0.7	0.7	0.7	None	2	2	Agricultural	14	0	0.9	0.7	0.8	0.08	84	0	1.2	0.4	0.7	0.12
Hardness as CaCO3			1820					15	0	1590	1060	1332	150	60	0	1940	952	1573	173
Nitrate as N, dissolved			0.07	None	None	10	Human Health	15	3	1.4	0.05	0.31	0.33	60	5	0.41	0.01	0.13	0.08
Nitrate/Nitrite as N, dissolved			0.07	None	None	10	Human Health	15	3	1.4	0.05	0.31	0.33	60	5	0.41	0.01	0.13	0.08
Nitrite as N, dissolved			<0.01	None	None	1	Human Health	15	14	0.1	0.005	0.031	0.028	60	57	0.05	-0.01	0.010	0.013
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	84	0	8.5	6.9	7.9	0.3
Phosphorus, dissolved			0.02	None	None	None	None	15	4	1.68	0.005	0.160	0.423	60	13	0.09	0.005	0.024	0.015
Phosphorus, ortho dissolved			0.02	None	None	None	None	15	7	1.58	0.014	0.157	0.402	60	7	0.144	0.005	0.027	0.020
Total Dissolved Solids	5060	5040	4940	None	5407	4948	TDS Water Quality Standards	15	0	4380	3450	3958	248	84	0	5310	3260	4561	405
Sodium Absorption Ratio in H2O			10.7	None	None	None	None	15	0	10.8	8.93	10.01	0.46	60	0	11.2	8.61	10.14	0.46
Sulfate	2600	2700	2600	None	None	250	Secondary Drinking	15	0	2350	710	2000	393	84	0	2900	1600	2443	263
Sulfide as S			0.62	None	None	None	None	15	12	0.2	0.01	0.08	0.07	60	54	0.56	-0.02	0.02	0.0726
TDS (calc)	4990	4940	4910					15	0	4480	2570	3921	474	84	0	5270	3250	4588	400
TDS ratio	1.01	1.02	1.01					15	0	1.5	0.92	1.02	0.14	84	0	1.16	0.9	0.995	0.05
Temperature	14.1	15.3	10.6					15	0	17.1	10.3	14.0	2.2	84	0	16.6	7.8	11.6	1.8
Gross Alpha Result (pCi/L)			20	None	None	15	Human Health	15	2	60	-24	9.1	21.3	60	3	119	-8.95	18.6	22.1
Gross Alpha Error (pCi/L)			20					15	0	34	12	22.2	6.4	60	0	50	7	21.4	7.9
Alpha Minimum Detectable Activity (pCi/L)			18					15	0	21	12	17.4	2.8	60	0	33	8.5	18.2	5.1
Gross Beta Result (pCi/L)			36					15	3	37	-23	4.7	16.6	60	7	76.5	-24.7	12.2	17.5
Gross Beta Error (pCi/L)			21					15	0	27	12	17.5	4.3	60	0	37	8.3	21.0	5.0
Beta Minimum Detectable Activity (pCi/L)			27					15	0	31	17	23.5	5.0	60	0	46	12	28.9	6.7

* 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 - DECEMBER 31, 2012

Well ID	21-2	21-2	21-2	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/7/2012	9/19/2012	11/18/2012	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
Aluminum, dissolved			<0.03	None	None	5.0	Agricultural	15	10	0.15	0.015	0.051	0.052	60	55	0.4	0.015	0.028	0.052
Antimony, dissolved			<0.0004	None	None	0.006	Human Health	15	12	0.005	0.00005	0.001	0.001	60	59	0.001	0.0001	0.00047	0.0002
Arsenic, dissolved			0.0002	None	None	0.05	Human Health	15	13	0.005	0.00025	0.002	0.001	60	59	0.0025	0.00025	0.0012	0.0006
Barium, dissolved			0.011	None	None	2	Human Health	15	1	0.05	0.011	0.020	0.009	60	3	0.1	0.01	0.017	0.0111
Beryllium, dissolved			<0.00005	None	None	0.004	Human Health	15	14	0.0015	0.00005	0.0004	0.0003	60	56	0.0876	0.00005	0.0027	0.0136
Boron, dissolved	0.16	0.16	0.15	None	0.75	0.75	Agricultural	15	0	0.2	0.15	0.162	0.017	84	0	0.17	0.1	0.15	0.012
Cadmium, dissolved			<0.0001	None	None	0.005	Human Health	15	9	0.0015	0.00005	0.0004	0.0003	60	60	0.00025	0.00005	0.0002	0.0001
Calcium, dissolved	125	122	125	None	None	None	None	15	0	139	100	124.8	9.0	84	0	145	114	125.5	5.6
Chromium, dissolved			<0.0005	None	None	0.1	Human Health	15	2	0.008	0.0001	0.003	0.002	60	25	0.0055	0.00005	0.0009	0.0010
Cobalt, dissolved			0.00058	None	None	0.05	Agricultural	15	1	0.0021	0.00025	0.001	0.0005	60	0	0.0043	0.0004	0.0011	0.00084
Copper, dissolved			<0.0005	None	None	0.2	Agricultural	15	6	0.022	0.0005	0.0081	0.0067	60	37	0.035	0.0006	0.0039	0.006
Iron, dissolved	0.66	0.76	0.76	None	None	0.3	Secondary Drinking Water	15	0	0.89	0.05	0.602	0.265	84	0	0.88	0.062	0.702	0.144
Lead, dissolved			<0.0001	None	None	0.05	Human Health	15	12	0.0281	0.00005	0.002	0.007	60	46	0.0033	0.00005	0.0005	0.001
Lithium, dissolved	0.09	0.09	0.09	None	2.5	2.5	Agricultural	15	2	0.12	0.05	0.089	0.014	84	3	0.5	0.05	0.094	0.046
Magnesium, dissolved	165	158	164	None	None	None	None	15	0	177	156	162.2	6.1	84	0	185	146	161.6	7.2
Manganese, dissolved			0.0765	None	None	0.05	Secondary Drinking Water	15	0	0.11	0.042	0.089	0.017	60	0	0.103	0.022	0.081	0.010
Mercury, dissolved			<0.0002	None	None	0.002	Human Health	15	15	0.001	0.0001	0.0005	0.0002	60	59	0.005	0.0001	0.001	0.0018
Molybdenum, dissolved			0.0025	None	None	None	None	15	0	0.005	0.002	0.003	0.0008	60	1	0.0315	0.0013	0.0030	0.0040
Nickel, dissolved			0.0013	None	None	0.1	Human Health	15	0	0.0252	0.002	0.010	0.007	60	6	0.01	0.0005	0.0034	0.0020
Potassium, dissolved	2.2	1.6	1.6	None	3.11	None	None	15	2	2	1	1.5	0.2	84	3	2.7	1	1.5	0.26
Selenium, dissolved			<0.001	None	None	0.02	Agricultural	15	15	0.003	0.0005	0.002	0.001	60	60	0.03	0.0005	0.006	0.011
Silica, dissolved	54.5	52.3	54.4	None	82.06	None	None	15	0	57.3	34.9	50.9	5.4	84	0	66	49.3	54.1	2.41
Silver, dissolved			<0.00005	None	None	0.05	Human Health	15	12	0.0022	0.00003	0.00035	0.00053	60	55	0.0008	2.5E-05	0.0002	0.000
Sodium, dissolved	226	213	227	None	425	None	None	15	0	600	201	247.8	101.1	84	0	247	180	211	12
Strontium, dissolved			4.93	None	None	None	None	15	0	5.08	4.16	4.861	0.239	60	0	5.73	3.63	4.93	0.28
Thallium, dissolved			<0.0001	None	None	0.002	Human Health	15	14	0.0005	2.5E-05	0.0002	0.0001	60	46	0.0025	0.00005	0.0003	0.0005
Uranium, dissolved			0.0002	None	None	None	None	15	8	0.0017	0.00015	0.0004	0.0004	60	46	0.0005	0.00015	0.0002	0.000
Vanadium, dissolved			<0.005	None	None	0.1	Agricultural	15	15	0.025	0.0025	0.0050	0.0064	60	58	0.015	0.0025	0.0032	0.0024
Zinc, dissolved			0.003	None	None	2	Agricultural	15	4	0.23	0.005	0.038	0.056	59	20	0.02	0	0.01	0.006
Bicarb as CaCO3	883	836	842	None	None	None	None	15	0	1810	791	970	248	84	0	1050	645	868	61
Carbonate as CaCO3	<2	<2	<2	None	None	None	None	15	15	10	1	5	5	84	84	1	-2	1	0
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	10	1	5	5	84	84	1	-2	1	0
Total Alkalinity	883	836	842	None	1493	None	None	15	0	1810	791	970	248	84	0	1050	645	868	61

* 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.

AMERICAN SODA OPERATIONAL PHASE 1
DATA SUMMARY GROUND WATER WELL 21-2 CONTINUED
JULY 1, 1999 - DECEMBER 31, 2012

Well ID	21-2	21-2	21-2	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/7/2012	9/19/2012	11/18/2012	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
Bromide			<0.25	None	None	None	None	15	11	2	0.05	0.28	0.49	60	55	4	0.025	0.35	0.527
Carbon, dissolved organic			3.3	None	None	None	None	15	0	10	2.5	4.7	1.7	60	6	110	0.5	14.6	15.9
Cation-Anion Balance %	1.5	0.7	3.3					15	5	5	-4.7	0.0	2.8	84	40	10.2	-7.9	0.5	3.1
Sum of Anions meq/L	28.9	28.1	28					14	0	33.9	27.3	29.84	1.88	84	0	32.6	25.3	28.70	1.26
Sum of Cations meq/L	29.8	28.5	29.9					14	0	34.7	27.7	29.67	1.84	84	0	33	26.3	28.96	1.13
Chloride	18	16	17	None	250	250	Drinking Water	15	0	23	10	13	3	84	0	18	10	14	2
Cond @ 25C (umhos/cm)	2220	2080	2100	None	3154	None	None	15	0	22300	2090	3684	5164	84	0	2395	565	2146	202
Fluoride	0.3	0.3	0.3	None	2.0	2.0	Agricultural	15	0	0.5	0.3	0.4	0.1	84	1	18	0.05	0.5	1.9
Hardness as CaCO3			987					15	0	1060	891	979	43	60	0	1120	893	975	39
Nitrate as N, dissolved			<0.02	None	None	10	Human Healt	15	8	0.5	0.01	0.15	0.15	60	50	1.6	0.01	0.06	0.20
Nitrate/Nitrite as N, dissolved			<0.02	None	None	10	Human Healt	15	9	0.5	0.01	0.15	0.15	60	51	1.6	0.01	0.06	0.21
Nitrite as N, dissolved			<0.01	None	None	1	Human Healt	15	15	0.1	0.005	0.032	0.028	60	59	0.05	0.005	0.012	0.013
pH (units)	7.8	8	7.8	None	None	6.5 - 8.5	Secondary Drinking	15	0	8	6.4	7.1	0.4	84	0	8.2	5.5	7.4	0.4
Phosphorus, dissolved			0.11	None	None	None	None	15	4	0.55	0.005	0.109	0.139	60	2	0.3	0.005	0.041	0.041
Phosphorus, ortho dissolved			0.03	None	None	None	None	15	6	0.38	0.0025	0.098	0.131	60	10	0.3	0.005	0.032	0.039
Total Dissolved Solids	1610	1630	1600	None	2060	2076	TDS Water Quality Standards	15	0	2550	1510	1661	253	84	0	1700	1460	1579	38
Sodium Absorption Ratio in H2O			3.18	None	None	None	None	15	0	8.85	2.81	3.50	1.52	60	0	3.35	2.6	2.93	0.14
Sulfate	510	520	510	None	None	250	Secondary Drinking	15	0	550	530	536	7	84	0	750	400	520	36
Sulfide as S			<0.02	None	None	None	None	15	8	1.2	0.01	0.22	0.31	60	55	0.1	0.01	0.02	0.024
TDS (calc)	1630	1590	1610					15	0	2550	1560	1725	242	84	0	1740	1500	1613	46
TDS ratio	0.99	1.03	0.99					15	0	1.01	0.93	0.96	0.02	84	0	1.08	0.88	0.980	0.04
Temperature	14.6	17.1	10.6					15	0	18.1	8.7	12.1	2.5	84	0	17.1	6.9	11.7	2.2
Gross Alpha Result (pCi/L)			-2	None	None	15	Human Healt	15	1	20	-7.3	3.7	7.2	60	3	25	-2.42	4.9	5.5
Gross Alpha Error (pCi/L)			2.9					15	0	19	7	11.2	3.1	60	0	20	2.4	8.1	3.1
Alpha Minimum Detectable Activity (pCi/L)			5.5					15	0	14	6.6	8.9	1.8	60	0	12	3	7.5	1.6
Gross Beta Result (pCi/L)			-2.3					15	0	28	0	7.0	8.8	60	3	28	-16.2	5.8	6.9
Gross Beta Error (pCi/L)			5.4					15	0	15	7.3	9.4	1.9	60	0	18	5.8	8.5	1.8
Beta Minimum Detectable Activity (pCi/L)			8.8					15	0	19	9.2	12.6	2.3	60	0	20	7.9	11.6	2.1

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A symbol "<" before a number indicates that the value is not detected. The number following "<" is the analytical limit of detection based upon the method and the sample matrix.
Analyte concentrations reported below the detection limit are set equal to one half the detection limit for all statistical calculations.

AMERICAN SODA INTERIM STATUS

DATA SUMMARY GROUND WATER WELL 21-5

JULY 1, 1999 - DECEMBER 31, 2012

Well ID	21-5	21-5	21-5	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/7/2012	9/9/2012	11/18/2012	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
Aluminum, dissolved			<0.06	None	None	5.0	Agricultural	15	15	0.015	0.015	0.015	0.000	60	53	0.06	0.015	0.020	0.010
Antimony, dissolved			<0.0008	None	None	0.006	Human Health	15	11	0.02	0.00005	0.002	0.005	60	55	0.002	0.0001	0.00052	0.0003
Arsenic, dissolved			<0.0004	None	None	0.05	Human Health	15	8	0.015	0.0006	0.004	0.004	60	56	0.005	0.00015	0.001	0.0008
Barium, dissolved			0.048	None	None	2	Human Health	15	0	0.15	0.043	0.067	0.030	60	0	0.065	0.049	0.06	0.003
Beryllium, dissolved			<0.0001	None	None	0.004	Human Health	15	14	0.005	0.00005	0.0006	0.0012	60	59	0.0021	0.00005	0.0003	0.00027
Boron, dissolved	0.42	0.41	0.44	None	0.75	0.75	Agricultural	15	0	0.43	0.36	0.389	0.017	84	0	0.43	0.19	0.39	0.029
Cadmium, dissolved			<0.0002	None	None	0.005	Human Health	15	10	0.0025	0.00005	0.0007	0.0007	60	59	0.002	0.00005	0.0003	0.0003
Calcium, dissolved	52.4	50.8	50.6	None	None	None	None	15	0	56.3	51.2	53.0	1.4	84	0	58.7	38.3	52.9	2.6
Chromium, dissolved			<0.001	None	None	0.1	Human Health	15	3	0.013	0.00025	0.002	0.003	60	21	0.0028	0.00005	0.001	0.001
Cobalt, dissolved			0.0003	None	None	0.05	Agricultural	15	7	0.0015	0.00015	0.0004	0.0004	60	34	0.0023	0.00015	0.00039	0.00045
Copper, dissolved			<0.001	None	None	0.2	Agricultural	15	5	0.032	0.0005	0.011	0.009	60	44	0.012	0.00025	0.0022	0.002
Iron, dissolved	0.10	0.09	0.11	None	None	0.3	Secondary Drinking Water	15	0	0.23	0.06	0.173	0.048	84	0	0.5	0.07	0.145	0.060
Lead, dissolved			<0.0002	None	None	0.05	Human Health	15	11	0.0025	0.00005	0.0006	0.0007	60	42	0.0032	0.00005	0.00057	0.00069
Lithium, dissolved	0.06	0.06	0.06	None	2.5	2.5	Agricultural	15	0	0.07	0.05	0.061	0.005	84	0	0.08	0.03	0.063	0.0068
Magnesium, dissolved	123	119	120	None	None	None	None	15	0	135	122	128.0	3.0	84	0	137	61.2	123.9	9.1
Manganese, dissolved			0.019	None	None	0.05	Secondary Drinking Water	15	0	0.0284	0.0199	0.024	0.003	60	0	0.209	0.0165	0.027	0.034
Mercury, dissolved			<0.0002	None	None	0.002	Human Health	15	15	0.001	0.00005	0.0005	0.0003	60	60	0.005	0.0001	0.001	0.002
Molybdenum, dissolved			0.006	None	None	None	None	15	0	0.008	0.006	0.007	0.0005	60	0	0.0087	0.0037	0.00662	0.0009
Nickel, dissolved			<0.001	None	None	0.1	Human Health	15	1	0.043	0.001	0.007	0.010	60	17	0.005	0.0001	0.0017	0.0011
Potassium, dissolved	2.6	2.1	2.2	None	3.86	None	None	15	1	2.3	1	2.0	0.3	84	0	3.5	1	2.1	0.3
Selenium, dissolved			<0.001	None	None	0.02	Agricultural	15	15	0.003	0.0005	0.002	0.001	60	59	0.11	0.0005	0.008	0.017
Silica, dissolved	28.4	27.1	27.7	None	31.84	None	None	15	0	29.3	27	28.0	0.7	84	0	31.1	26	28.2	1.0
Silver, dissolved			<0.0001	None	None	0.05	Human Health	15	14	0.0015	0.000025	0.0002	0.0004	60	59	0.0007	2.5E-05	0.00015	0.00009
Sodium, dissolved	518	506	529	None	498	None	None	15	0	456	418	442.7	11.5	84	0	520	356	471	23
Strontium, dissolved			5.46	None	None	None	None	15	0	6.06	5.25	5.715	0.238	60	0	6.15	5.15	5.69	0.22
Thallium, dissolved			<0.0002	None	None	0.002	Human Health	15	14	0.0015	0.000025	0.0002	0.0004	60	47	0.0034	0.00005	0.00045	0.0008
Uranium, dissolved			<0.0002	None	None	None	None	15	10	0.0015	0.0001	0.0003	0.0004	60	53	0.0019	0.0001	0.00018	0.000
Vanadium, dissolved			<0.01	None	None	0.1	Agricultural	15	15	0.015	0.0025	0.0033	0.0032	60	59	0.008	0.0025	0.003	0.001
Zinc, dissolved			0.015	None	None	2	Agricultural	15	3	0.07	0.002	0.032	0.023	60	2	0.66	0.005	0.03	0.08
Bicarb as CaCO3	956	908	933	None	None	None	None	15	0	975	801	858	45	84	0	1170	656	879	64
Carbonate as CaCO3	28	45	25	None	None	None	None	15	14	20	1	5	6	84	58	108	1	15	25
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	10	1	4	4	84	84	1	1	1	0
Total Alkalinity	984	853	958	None	1167	None	None	15	0	975	801	860	44	84	0	1250	656	891	71

* 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.

A value reported below the detection limit is not considered greater than half the detection limit for all statistical calculations.

AMERICAN SODA INTERIM STATUS
DATA SUMMARY GROUND WATER WELL 21-5 CONTINUED
JULY 1, 1999 - DECEMBER 31, 2012

Well ID	21-5	21-5	21-5	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/7/2012	9/9/2012	11/18/2012	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
Bromide			<0.5	None	None	None	None	15	9	1	0.05	0.29	0.26	60	38	1	0.05	0.34	0.25
Carbon, dissolved organic			4.6	None	None	None	None	15	0	10	4	6.3	1.3	60	8	720	0.5	28.8	94.6
Cation-Anion Balance %	1.3	-0.1	1.4					15	7	3.35	-2.8	0.3	1.6	84	44	9.1	-10.4	-0.3	2.6
Sum of Anions meq/L	34.7	34.7	34.8					14	0	35.75	32	33.01	1.00	84	0	39.4	30	33.88	1.26
Sum of Cations meq/L	25.6	34.6	35.8					14	0	33.8	31.2	32.86	0.69	84	0	36.7	25.5	33.56	1.78
Chloride	38	37	37	None	250	250	Secondary Drinking Water	14	0	37	25	30	3	84	0	38	28	33	3
Cond @ 25C (umhos/cm)	2790	2580	2630	None	3331	None	None	15	0	2690	2110	2572	148	84	0	2970	1270	2651	198
Fluoride	1.5	1.5	1.5	None	2	2	Agricultural	14	0	1.5	1.2	1.4	0.1	84	0	1.85	0.1	1.4	0.2
Hardness as CaCO3			620					15	0	691	632	658	14	60	0	710	378	641	49
Nitrate as N, dissolved			<0.02	None	None	10	Human Health	15	12	0.6	0.01	0.13	0.14	60	50	2.15	0.01	0.06	0.28
Nitrate/Nitrite as N, dissolved			<0.02	None	None	10	Human Health	15	12	0.6	0.01	0.13	0.14	60	50	2.15	0.01	0.06	0.28
Nitrite as N, dissolved			<0.01	None	None	1	Human Health	15	14	0.1	0.005	0.034	0.028	60	60	0.05	0.005	0.008	0.011
pH (units)	8.3	8.4	8.3	None	None	6.5 - 8.5	Secondary Drinking	15	0	8.3	7.6	7.9	0.2	84	0	8.7	7.1	8.1	0.3
Phosphorus, dissolved			0.31	None	None	None	None	15	0	0.5	0.03	0.252	0.103	60	0	0.5	0.2	0.283	0.039
Phosphorus, ortho dissolved			0.31	None	None	None	None	15	2	1.55	0.18	0.350	0.337	60	0	0.36	0.18	0.277	0.027
Total Dissolved Solids	2010	2050	2000	None	2116	2319	TDS Water Quality Standards	15	0	1940	1780	1855	45	84	0	2050	1870	1940	35
Sodium Absorption Ratio in H2O			9.36	None	None	None	None	15	0	7.78	7.25	7.60	0.18	60	0	10.1	7.12	8.14	0.43
Sulfate	660	690	690	None	None	250	Secondary Drinking	15	0	730	700	709	10	84	0	770	580	716	47
Sulfide as S			0.02	None	None	None	None	15	11	0.1	0.01	0.07	0.04	60	19	0.1	0.01	0.03	0.02
TDS (calc)	2010	2010	2040					15	0	2010	1880	1916	37	84	0	2170	1730	1973	59
TDS ratio	1	1.02	0.98					14	0	1	0.95	0.97	0.02	84	0	1.1	0.89	0.985	0.03
Temperature	14.9	13.6	11.4					15	0	15.5	8.1	12.2	1.9	84	0	17.6	8.3	12.0	1.7
Gross Alpha Result (pCi/L)			0.09	None	None	15	Human Health	15	1	14	-9.7	2.8	5.7	60	6	58	-13.2	8.0	12.0
Gross Alpha Error (pCi/L)			4.7					15	0	14	7.1	9.8	2.3	60	0	30	4	9.5	4.3
Alpha Minimum Detectable Activity (pCi/L)			6.8					15	0	12	7.6	9.1	1.3	60	0	19	5.5	8.2	2.0
Gross Beta Result (pCi/L)			-0.66					15	1	14	-1.9	6.3	5.7	60	3	42	-17.2	6.9	8.8
Gross Beta Error (pCi/L)			7.2					15	0	12	7	9.1	1.5	60	0	27	6.2	9.7	2.7
Beta Minimum Detectable Activity (pCi/L)			12					15	0	17	3	11.8	3.2	60	0	38	8.3	13.1	3.7

* 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 - DECEMBER 31, 2012

Well ID	20-8	20-8	20-8	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/1/2012	9/1/2012	12/1/2012	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
Aluminum, dissolved	No	No	No	None	None	5.0	Agricultural	15	15	0.03	0.03	0.030	0.000	57	54	0.3	0.015	0.025	0.041
Antimony, dissolved	Sample	Sample	Sample	None	None	0.006	Human Health	15	11	0.02	0.00015	0.003	0.005	57	55	0.007	0.0001	0.00068	0.001
Arsenic, dissolved	2nd	3rd	4th	None	None	0.05	Human Health	15	14	0.025	0.0005	0.004	0.007	57	55	0.02	0.00015	0.002	0.003
Barium, dissolved	Quarter	Quarter	Quarter	None	None	2	Human Health	15	0	0.565	0.193	0.439	0.112	57	3	0.552	0.01	0.05	0.07
Beryllium, dissolved	2012	2012	2012	None	None	0.004	Human Health	15	14	0.005	0.00025	0.0009	0.0013	57	56	0.0568	0.00005	0.0013	0.0075
Boron, dissolved	Mechanical	Mechanical	Mechanical	None	0.75	0.75	Agricultural	15	0	0.45	0.27	0.384	0.057	69	1	0.46	0.09	0.11	0.043
Cadmium, dissolved	Failure	Failure	Failure	None	None	0.005	Human Health	15	2	0.02	0.0005	0.0063	0.0054	57	55	0.0026	0.00005	0.0004	0.0005
Calcium, dissolved	Of	Of	Of	None	None	None	None	15	0	52.3	19.45	26.6	7.3	69	0	97	24.9	80.9	8.3
Chromium, dissolved	Dedicated	Dedicated	Dedicated	None	None	0.1	Human Health	15	3	0.111	0.00025	0.011	0.029	57	18	0.0713	0.00005	0.002	0.0094
Cobalt, dissolved	Sampling	Sampling	Sampling	None	None	0.05	Agricultural	15	10	0.0025	0.00015	0.001	0.001	57	18	0.002	0.00015	0.00050	0.00046
Copper, dissolved	Equipment	Equipment	Equipment	None	None	0.2	Agricultural	15	5	0.25	0.0015	0.030	0.064	57	42	0.016	0.00025	0.0026	0.003
Iron, dissolved	In	In	In	None	None	0.3	Secondary Drinking Water	15	0	2.45	0.052	0.480	0.564	69	0	53.1	0.83	9.089	6.615
Lead, dissolved	Well	Well	Well	None	None	0.05	Human Health	15	12	0.0955	0.0001	0.007	0.024	57	47	0.0029	0.00005	0.00046	0.001
Lithium, dissolved				None	2.5	2.5	Agricultural	15	0	0.22	0.1	0.182	0.036	69	4	0.22	0.01	0.062	0.027
Magnesium, dissolved				None	None	None	None	15	0	82.2	45.45	58.2	7.5	69	0	143	59.5	126.8	9.9
Manganese, dissolved				None	None	0.05	Secondary Drinking Water	15	0	0.144	0.011	0.034	0.034	57	0	0.242	0.036	0.134	0.049
Mercury, dissolved				None	None	0.002	Human Health	15	15	0.001	0.0001	0.0005	0.0003	57	57	0.005	0.0001	0.001	0.002
Molybdenum, dissolved				None	None	None	None	15	3	0.005	0.0004	0.001	0.001	57	0	0.0088	0.0018	0.00530	0.0014
Nickel, dissolved				None	None	0.1	Human Health	15	4	0.01	0.001	0.003	0.002	57	17	0.024	0.0005	0.0024	0.0032
Potassium, dissolved				None	2.36	None	None	15	0	1.7	0.3	1.3	0.3	69	3	3	1	1.5	0.2
Selenium, dissolved				None	None	0.02	Agricultural	15	15	0.003	0.0005	0.002	0.001	57	56	0.03	0.0005	0.006	0.010
Silica, dissolved				None	58.22	None	None	15	0	37	21.8	27.1	3.2	69	0	235	27.4	47.5	23.2
Silver, dissolved				None	None	0.05	Human Health	15	3	0.0025	0.00015	0.0010	0.0006	57	50	0.002	2.5E-05	0.00026	0.000
Sodium, dissolved				None	349	None	None	15	0	1360	673	1178.8	174.4	69	0	1310	169	202	136
Strontium, dissolved				None	None	None	None	15	0	5.72	4.445	5.288	0.385	57	0	8.12	3.67	4.82	1.05
Thallium, dissolved				None	None	0.002	Human Health	15	14	0.0025	0.0001	0.0004	0.0006	57	46	0.0042	0.00005	0.00048	0.0008
Uranium, dissolved				None	None	None	None	15	4	0.0025	0.00015	0.0006	0.0005	57	56	0.0005	2.5E-05	0.00016	0.0001
Vanadium, dissolved				None	None	0.1	Agricultural	15	14	0.025	0.005	0.0065	0.0052	57	57	0.05	0.0025	0.004	0.007
Zinc, dissolved				None	None	2	Agricultural	15	12	0.1	0.005	0.020	0.026	57	26	0.15	0.001	0.01	0.02
Bicarb as CaCO3				None	None	None	None	15	0	3360	1790	2648	371	69	0	3050	569	774	283
Carbonate as CaCO3				None	None	None	None	15	13	195	1	23	51	69	67	16	1	1	2
Hydroxide as CaCO3				None	None	None	None	15	15	10	1	6	5	69	69	1	1	1	0
Total Alkalinity				None	1062	None	None	15	0	3360	1790	2665	361	69	0	3050	569	774	283

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

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

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

AMERICAN SODA OPERATIONAL PHASE 1
DATA SUMMARY GROUND WATER WELL 20-8 CONTINUED
JULY 1, 1999 - DECEMBER 31, 2012

Well ID	20-8	20-8	20-8	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/1/2012	9/1/2012	12/1/2012	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
Bromide	No	No	No	None	None	None	None	15	13	0.625	0.05	0.23	0.22	57	47	2.5	0.05	0.39	0.37
Carbon, dissolved organic	Sample	Sample	Sample	None	None	None	None	15	1	6	2	4.1	1.2	57	0	1280	6	67.6	167.3
Cation-Anion Balance %	2nd	3rd	4th					15	9	11	-7.6	-0.6	4.5	69	18	10.1	-6.1	1.4	2.9
Sum of Anions meq/L	Quarter	Quarter	Quarter					15	0	73.3	42.9	59.71	7.28	69	0	67.4	19.5	23.36	5.53
Sum of Cations meq/L	2012	2012	2012					15	0	65.9	39.3	58.83	6.81	69	0	64	21.8	23.96	4.98
Chloride	Mechanical	Mechanical	Mechanical	None	250	250	Secondary Drinking Water	15	0	126	73	106	15	69	0	121	12	16	13
Cond @ 25C (umhos/cm)	Failure	Failure	Failure	None	2402	None	None	15	0	6390	3510	4717	707	69	0	6660	1350	1813	603
Fluoride	Of	Of	Of	None	2	2	Agricultural	15	0	7	3.9	5.7	0.8	69	2	6	0.05	0.4	0.7
Hardness as CaCO3	Dedicated	Dedicated	Dedicated					15	0	469	235.5	306	49	57	0	830	307	724	65
Nitrate as N, dissolved	Sampling	Sampling	Sampling	None	None	10	Human Health	15	13	0.4	0.01	0.12	0.11	57	46	0.3	0.01	0.05	0.06
Nitrate/Nitrite as N, dissolved	Equipment	Equipment	Equipment	None	None	10	Human Health	15	13	0.4	0.01	0.12	0.11	57	46	0.3	0.01	0.05	0.06
Nitrite as N, dissolved	In	In	In	None	None	1	Human Health	15	15	0.1	0.005	0.049	0.032	57	46	0.05	0.005	0.020	0.018
pH (units)	Well	Well	Well	None	None	6.5 - 8.5	Secondary Drinking	15	0	8	7.6	7.8	0.1	69	0	8.3	7.1	7.7	0.3
Phosphorus, dissolved				None	None	None	None	15	2	0.2	0.025	0.090	0.041	57	19	0.13	0.005	0.023	0.026
Phosphorus, ortho dissolved				None	None	None	None	15	5	0.25	0.01	0.115	0.079	57	22	0.66	0.005	0.037	0.088
Total Dissolved Solids				None	1600	3989	TDS Water Quality Standards	15	0	3730	2160	3191	392	69	0	3560	1160	1270	283
Sodium Absorption Ratio in H2O				None	None	None	None	15	0	35	13.7	30.07	5.09	57	0	32.9	2.72	3.55	3.96
Sulfate				None	None	250	Secondary Drinking	15	0	310	120	153	51	69	0	390	130	347	35
Sulfide as S				None	None	None	None	15	0	15	1.9	9.13	3.29	57	1	640	0.01	30.29	97.94
TDS (calc)								15	0	3670	2230	3171	358	69	0	3520	1170	1305	276
TDS ratio								15	0	1.12	0.89	1.01	0.06	69	0	1.14	0.81	0.974	0.05
Temperature								15	0	21.9	15	17.1	2.0	69	0	17.3	9.3	12.1	1.6
Gross Alpha Result (pCi/L)				None	None	15	Human Health	15	0	45	0	15.8	15.1	57	4	23.2	-17.8	5.0	7.1
Gross Alpha Error (pCi/L)								15	0	32	12	20.7	5.3	57	0	25	3.8	7.9	3.8
Alpha Minimum Detectable Activity (pCi/L)								15	0	20	12	17.3	2.6	57	0	18	3.3	6.9	2.8
Gross Beta Result (pCi/L)								15	0	41	0	15.0	13.7	57	5	27	-23.4	5.4	7.4
Gross Beta Error (pCi/L)								15	0	26	12	18.3	3.7	57	0	27	3.6	8.0	3.7
Beta Minimum Detectable Activity (pCi/L)								15	0	31	18	24.9	5.0	57	0	41	5.2	10.7	5.3

* 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 OPERATIONAL PHASE 1

DATA SUMMARY GROUND WATER WELL 21-4U

JULY 1, 1999 - DECEMBER 31, 2012

Well ID	21-4U	21-4U	21-4U	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/31/12	9/11/2012	11/28/2012	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
Aluminum, dissolved			<0.3	None	None	5.0	Agricultural	15	14	0.4	0.075	0.187	0.089	60	52	1.5	0.015	0.224	0.238
Antimony, dissolved			<0.004	None	None	0.006	Human Health	15	12	0.12	0.0005	0.012	0.033	60	53	0.03	0.001	0.01043	0.006
Arsenic, dissolved			<0.002	None	None	0.05	Human Health	15	9	0.08	0.005	0.023	0.021	60	59	0.06	0.0025	0.020	0.012
Barium, dissolved			6.07	None	None	2	Human Health	15	0	5.53	4.87	5.077	0.189	60	1	6.47	0.015	5.38	0.79
Beryllium, dissolved			<0.0005	None	None	0.004	Human Health	15	14	0.01	0.0005	0.0029	0.0027	60	60	0.01	0.0005	0.0045	0.0016
Boron, dissolved	3.1	2.96	3.1	None	4.17	0.75	Agricultural	15	0	3.4	2.7	3.119	0.182	84	0	4.3	0.3	2.95	0.370
Cadmium, dissolved			0.003	None	None	0.005	Human Health	15	5	0.03	0.001	0.0093	0.0096	60	53	0.0075	0.002	0.0049	0.0008
Calcium, dissolved	5	5	5	None	None	None	None	15	0	8	5	5.5	0.9	84	0	15	2.3	5.7	1.8
Chromium, dissolved			<0.005	None	None	0.1	Human Health	15	2	0.138	0.001	0.046	0.046	60	30	0.16	0.0005	0.018	0.024
Cobalt, dissolved			0.0024	None	None	0.05	Agricultural	15	9	0.005	0.0005	0.002	0.001	60	52	0.035	0.00025	0.00354	0.00501
Copper, dissolved			<0.005	None	None	0.2	Agricultural	15	8	1.25	0.005	0.184	0.358	60	52	0.33	0.0025	0.0324	0.043
Iron, dissolved	<0.2	0.1	0.3	None	None	0.3	Secondary Drinking Water	15	1	1.8	0.05	0.868	0.637	84	11	3.4	0.05	0.493	0.482
Lead, dissolved			<0.001	None	None	0.05	Human Health	15	12	0.012	0.001	0.004	0.004	60	52	0.04	0.0005	0.00605	0.006
Lithium, dissolved	0.7	0.7	0.7	None	2.5	2.5	Agricultural	15	0	0.8	0.6	0.746	0.066	84	1	0.9	0.1	0.707	0.091
Magnesium, dissolved	9	9	8	None	None	None	None	15	0	10	7	8.2	0.7	84	1	26	2	8.2	2.4
Manganese, dissolved			0.013	None	None	0.05	Secondary Drinking Water	15	0	0.243	0.073	0.152	0.065	60	10	.1	0.005	0.048	0.139
Mercury, dissolved			<0.0002	None	None	0.002	Human Health	15	15	0.0025	0.0001	0.0006	0.0006	60	58	0.005	0.0001	0.001	0.002
Molybdenum, dissolved			<0.005	None	None	None	None	15	7	0.018	0.001	0.005	0.005	60	43	0.13	0.0025	0.013	0.022
Nickel, dissolved			<0.006	None	None	0.1	Human Health	15	7	0.1	0.004	0.016	0.026	60	56	0.07	0.002	0.0117	0.0108
Potassium, dissolved	9	9	9	None	17.01	None	None	15	0	11	6	9.0	1.3	84	2	17	1.5	8.5	2.1
Selenium, dissolved			<0.001	None	None	0.02	Agricultural	15	14	0.006	0.0005	0.002	0.002	60	58	0.03	0.0005	0.007	0.011
Silica, dissolved	12	12	13	None	24.63	None	None	15	0	18	12	13.3	1.7	84	1	20	11	12.6	1.5
Silver, dissolved			<0.0005	None	None	0.05	Human Health	15	9	0.008	0.0005	0.0019	0.0022	60	55	0.01	0.00025	0.00272	0.002
Sodium, dissolved	5320	4910	5310	None	6265	None	None	15	0	5580	4960	5270.8	203.3	84	0	5580	4540	5075	226
Strontium, dissolved			1.6	None	None	None	None	15	0	1.5	1.3	1.406	0.064	60	0	3.2	1.3	1.51	0.24
Thallium, dissolved			<0.001	None	None	0.002	Human Health	15	14	0.005	0.00025	0.0013	0.0014	60	45	0.05	0.00025	0.00785	0.0119
Uranium, dissolved			<0.001	None	None	None	None	15	10	0.005	0.0005	0.0018	0.0013	60	57	0.035	0.00025	0.00301	0.004
Vanadium, dissolved			<0.05	None	None	0.1	Agricultural	15	15	0.05	0.0125	0.0298	0.0120	60	58	0.25	0.0025	0.030	0.031
Zinc, dissolved			<0.02	None	None	2	Agricultural	15	7	0.22	0.02	0.110	0.056	60	54	0.45	0.01	0.11	0.07
Bicarb as CaCO3	10200	10000	11500	None	None	None	None	15	0	11600	7120	10189	1111	84	0	11700	8800	10753	559
Carbonate as CaCO3	479	230	74	None	None	None	None	15	14	3120	1	302	848	84	60	1050	1	105	201
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	62	50	84	84	1	-2	1	0
Total Alkalinity	10600	10300	11600	None	13788	None	None	15	0	11600	9620	10426	624	84	0	11700	8800	10857	519

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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 21-4U CONTINUED
JULY 1, 1999 - DECEMBER 31, 2012

Well ID	21-4U	21-4U	21-4U	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/31/12	9/11/2012	11/28/2012	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
Bromide			<0.5	None	None	None	None	15	15	5	0.05	1.63	1.94	60	59	20	0.05	0.94	2.59
Carbon, dissolved organic			<20	None	None	None	None	15	0	24	7	15.1	4.7	60	13	500	5	75.3	87.9
Cation-Anion Balance %	1.3	-0.7	-2.5					15	4	6.8	-3.3	2.2	3.0	84	58	8	-7.9	-1.5	3.2
Sum of Anions meq/L	229	220	247					15	0	250	209	223.15	12.93	84	0	250	191	231.31	10.09
Sum of Cations meq/L	235	217	235					15	0	247	219	233.15	9.06	84	0	424	201	226.77	23.88
Chloride	520	500	480	None	None	250	Secondary Drinking Water	15	0	530	430	461	27	84	0	520	380	455	24
Cond @ 25C (umhos/cm)	16200	15900	15300	None	20957	None	None	15	0	17200	13800	15992	798	84	0	17500	8080	15595	1192
Fluoride	24.5	23.8	30.3	None	40.95	2	Agricultural	15	0	31	22	25.4	2.5	84	0	30	20	24.4	1.7
Hardness as CaCO3			45					15	0	61	44	47	5	60	0	132	29	49	13
Nitrate as N, dissolved			<0.02	None	None	10	Human Health	15	13	0.3	0.05	0.14	0.07	60	55	0.8	-0.2	0.07	0.13
Nitrate/Nitrite as N, dissolved			<0.02	None	None	10	Human Health	15	13	0.3	0.05	0.14	0.07	60	55	0.8	-0.2	0.07	0.13
Nitrite as N, dissolved			<0.01	None	None	1	Human Health	15	15	0.1	0.005	0.060	0.031	60	57	0.25	-0.1	0.034	0.043
pH (units)	8.5	8.5	8.3	None	None	6.5 - 8.5	Secondary Drinking	15	0	8.5	7.7	8.0	0.3	84	0	8.85	7.8	8.2	0.3
Phosphorus, dissolved			0.7	None	None	None	None	15	0	0.9	0.4	0.662	0.140	60	1	0.95	0.005	0.698	0.138
Phosphorus, ortho dissolved			0.8	None	None	None	None	15	3	0.9	0.05	0.592	0.249	60	0	4.2	0.14	0.839	0.492
Total Dissolved Solids	12400	12300	12400	None	14305	None	TDS Water Quality Standards	15	0	13200	12300	12654	250	84	0	13000	11900	12518	201
Sodium Absorption Ratio in H2O			347	None	None	None	None	15	0	355	314	338.08	12.64	60	0	441	189	324.53	33.31
Sulfate	<20	<20	<10	None	None	250	Secondary Drinking	15	13	200	5	32	54	83	68	250	0	13	37
Sulfide as S			<0.2	None	None	None	None	15	6	0.5	0.08	0.16	0.12	60	20	1.65	-0.2	0.17	0.26
TDS (calc)	12300	11600	12800					15	0	13300	11500	12154	590	84	0	13100	10900	12154	395
TDS ratio	1.01	1.06	0.97					15	0	1.12	0.94	1.04	0.05	84	0	1.15	0.95	1.030	0.04
Temperature	12.7	12.5	10.2	None	None			15	0	16.6	9.7	12.4	2.1	84	0	20	8.2	11.6	1.8
Gross Alpha Result (pCi/L)			-39	None	None	15	Human Health	15	0	240	0	47.2	71.0	59	5	460	-79.2	41.4	74.8
Gross Alpha Error (pCi/L)			110					15	0	120	32	74.7	25.0	59	0	160	2.7	53.9	22.4
Alpha Minimum Detectable Activity (pCi/L)			100					15	0	89	43	62.7	13.4	59	0	96	2.5	50.3	13.4
Gross Beta Result (pCi/L)			70					15	0	220	0	63.9	62.5	59	3	355	-55	41.6	53.5
Gross Beta Error (pCi/L)			130					15	0	90	42	63.4	14.3	59	0	115	3.1	54.0	16.5
Beta Minimum Detectable Activity (pCi/L)			190					15	0	110	62	84.5	15.6	59	0	150	4.1	77.2	20.3

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

AMERICAN SODA OPERATIONAL PHASE 1
DATA SUMMARY GROUND WATER WELL 21-3U
JULY 1, 1999 - DECEMBER 31, 2012

Well ID	21-3U	21-3U	21-3U	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/6/2012	9/9/2012	11/18/2012	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
Aluminum, dissolved			<0.3	None	None	5.0	Agricultural	15	13	2.6	0.1	0.420	0.724	60	50	1.3	0.015	0.242	0.236
Antimony, dissolved			<0.004	None	None	0.006	Human Health	15	13	0.05	0.00025	0.007	0.013	60	56	0.006	0.001	0.00220	0.001
Arsenic, dissolved			<0.002	None	None	0.05	Human Health	15	12	0.15	0.0025	0.027	0.046	60	57	0.01	0.001	0.004	0.002
Barium, dissolved			4.79	None	None	2	Human Health	15	0	4.66	1.44	4.204	0.795	60	0	5.27	3.77	4.72	0.29
Beryllium, dissolved			<0.0005	None	None	0.004	Human Health	15	12	0.025	0.0005	0.0037	0.0060	60	58	1.03	0.0005	0.0182	0.1328
Boron, dissolved	3.2	3	3.1	3.64	None	0.75	Agricultural	15	0	7	2.8	3.25	1.041	84	0	4.1	1.5	2.92	0.292
Cadmium, dissolved			0.005	None	None	0.005	Human Health	15	3	0.033	0.001	0.0145	0.0088	60	20	0.01	0.001	0.0031	0.0021
Calcium, dissolved	5	5	6	None	None	None	None	15	2	15	2	6.7	2.7	84	0	50	1.8	5.8	5.0
Chromium, dissolved			<0.005	None	None	0.1	Human Health	15	0	0.48	0.016	0.091	0.118	60	21	0.188	0.001	0.019	0.029
Cobalt, dissolved			<0.0005	None	None	0.05	Agricultural	15	14	0.015	0.00025	0.002	0.004	60	54	0.0075	0.00025	0.00078	0.00113
Copper, dissolved			<0.005	None	None	0.2	Agricultural	15	9	0.255	0.0025	0.048	0.069	60	51	0.05	0.0025	0.0073	0.008
Iron, dissolved	<0.2	<0.2	<0.2	None	None	0.3	Secondary Drinking Water	15	0	1.2	0.075	0.403	0.270	84	29	0.9	0.03	0.178	0.135
Lead, dissolved			<0.001	None	None	0.05	Human Health	15	11	0.025	0.0005	0.004	0.006	60	50	0.0335	0.0005	0.00246	0.005
Lithium, dissolved	0.8	0.8	0.7	2.5	None	2.5	Agricultural	15	0	1.4	0.7	0.827	0.174	84	0	0.9	0.4	0.779	0.090
Magnesium, dissolved	16	14	13	None	None	None	None	15	0	20	6	15.6	3.4	84	0	19	6	13.3	2.0
Manganese, dissolved			0.009	None	None	0.05	Secondary Drinking Water	15	1	0.103	0.022	0.041	0.024	60	2	0.025	0.001	0.014	0.005
Mercury, dissolved			<0.001	None	None	0.002	Human Health	15	15	0.0015	0.0001	0.0005	0.0003	60	58	0.007	0.0001	0.001	0.002
Molybdenum, dissolved			<0.005	None	None	None	None	15	0	1.77	0.00575	0.132	0.453	60	23	0.061	0.001	0.00497	0.009
Nickel, dissolved			<0.006	None	None	0.1	Human Health	15	8	0.17	0.002	0.020	0.043	60	52	0.03	0.001	0.0032	0.0040
Potassium, dissolved	11	10	14	21.63	None	None	None	15	0	64	13	24.4	13.5	84	2	53	1.5	10.6	5.2
Selenium, dissolved			<0.001	None	None	0.02	Agricultural	15	15	0.003	0.0005	0.002	0.001	60	60	0.03	0.0005	0.008	0.011
Silica, dissolved	11	11	11	24.61	None	None	None	15	0	83	10	18.2	18.5	84	0	14	5	11.1	1.1
Silver, dissolved			0.0008	None	None	0.05	Human Health	15	6	0.015	0.001	0.0030	0.0035	60	44	0.005	0.00025	0.00089	0.001
Sodium, dissolved	5940	5950	5990	6961.72	None	None	None	15	0	13100	5530	6356.3	1872.8	84	0	7040	4850	5992	325
Strontium, dissolved			1.5	None	None	None	None	15	0	1.81	0.5	1.574	0.313	60	0	1.8	1.2	1.51	0.10
Thallium, dissolved			<0.001	None	None	0.002	Human Health	15	13	0.015	0.00025	0.0023	0.0037	60	46	0.022	0.0005	0.00167	0.0033
Uranium, dissolved			<0.001	None	None	None	None	15	5	0.025	0.0015	0.0057	0.0066	60	41	0.0045	0.0005	0.00086	0.001
Vanadium, dissolved			<0.05	None	None	0.1	Agricultural	15	12	0.1	0.015	0.0327	0.0220	60	58	0.15	0.015	0.029	0.019
Zinc, dissolved			0.03	None	None	2	Agricultural	15	7	1.87	0.02	0.248	0.480	60	54	0.1	0.01	0.02	0.01
Bicarb as CaCO3	12400	12100	13300	None	None	None	None	15	0	22700	9770	12688	2881	84	0	14000	10100	12851	622
Carbonate as CaCO3	285	<2	<2	None	None	None	None	15	14	6900	1	507	1769	84	81	319	1	9	47
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	54	51	84	84	1	1	1	0
Total Alkalinity	12700	12100	13300	17545.33	None	None	None	15	0	29600	9770	13148	4620	84	0	14000	10100	12859	617

* 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.

AMERICAN SODA OPERATIONAL PHASE 1
DATA SUMMARY GROUND WATER WELL 21-3U CONTINUED
JULY 1, 1999 - DECEMBER 31, 2012

Well ID	21-3U	21-3U	21-3U	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/6/2012	9/9/2012	11/18/2012	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
Bromide			<5	None	None	None	None	15	15	5	0.2	1.60	1.80	60	59	2.5	0.05	0.64	0.53
Carbon, dissolved organic			<10	None	None	None	None	15	0	30	8	15.0	6.5	60	15	549	7.53	77.9	97.6
Cation-Anion Balance %	-1.7	0.6	-3.6					15	7	9.7	-3.2	1.5	3.1	83	64	12.5	-10.8	-1.9	3.9
Sum of Anions meq/L	272	260	285					15	0	633	213	282.63	98.26	84	0	345	220	275.55	14.65
Sum of Cations meq/L	263	263	265					15	0	578	245	281.87	82.25	84	0	312	215	265.29	14.42
Chloride	620	590	640	None	None	250	Secondary Drinking Water	15	0	1160	560	629	151	84	0	690	93	568	65
Cond @ 25C (umhos/cm)	18200	17200	17200	21645.81	None	None	None	15	0	37500	16800	19700	4955	84	0	20700	1860	18033	2281
Fluoride	21.4	21.1	21.5	60.32	None	2	Agricultural	15	0	38.1	18	23.4	4.8	84	0	43.5	19	22.4	3.5
Hardness as CaCO3			68					15	0	120	25	80	19	60	0	166	54	71	14
Nitrate as N, dissolved			<0.02	None	None	10	Human Health	15	11	0.4	0.01	0.13	0.09	60	58	0.4	0.01	0.08	0.072
Nitrate/Nitrite as N, dissolved			<0.02	None	None	10	Human Health	15	11	0.4	0.01	0.13	0.09	60	58	0.4	0.01	0.08	0.072
Nitrite as N, dissolved			<0.01	None	None	1	Human Health	15	15	0.1	0.005	0.043	0.024	60	59	0.05	0.005	0.035	0.019
pH (units)	8.3	8.4	8.3	None	None	6.5 - 8.5	Secondary Drinking	15	0	9	7.7	8.0	0.3	84	0	8.6	7.6	8.1	0.2
Phosphorus, dissolved			0.75	None	None	None	None	15	0	5.1	0.08	0.946	1.163	60	1	0.98	0.005	0.721	0.157
Phosphorus, ortho dissolved			0.9	None	None	None	None	15	1	4.92	0.07	0.902	1.133	60	0	3.8	0.44	0.801	0.404
Total Dissolved Solids	14600	14800	14600	None	None	None	TDS Water Quality Standards	15	0	34100	14200	15807	5065	84	0	15100	12400	14590	313
Sodium Absorption Ratio in H2O			319	None	None	None	None	15	0	1160	231	343.43	226.60	60	0	360	216	316.14	21.79
Sulfate	<10	<20	<10	None	None	250	Secondary Drinking	15	5	300	5	45	75	84	62	3670	0.5	64	409
Sulfide as S			0.78	None	None	None	None	15	2	1.2	0.1	0.51	0.30	60	1	5.1	0.03	0.99	0.85
TDS (calc)	14200	13900	14700	15741	None			15	0	35200	12400	15167	5563	84	0	18100	12100	14405	626
TDS ratio	1.03	1.06	0.99					15	0	1.16	0.97	1.05	0.05	84	0	1.11	0.81	1.014	0.04
Temperature	13.9	14.6	11.2					15	0	19.1	7.9	13.0	3.2	84	0	16.8	7.7	12.0	2.0
Gross Alpha Result (pCi/L)			17	None	None	15	Human Health	15	1	290	-78	38.1	84.7	60	5	115	-67	34.0	37.0
Gross Alpha Error (pCi/L)			44					15	0	150	3.1	81.9	40.5	60	0	150	38	62.1	19.3
Alpha Minimum Detectable Activity (pCi/L)			46					15	0	150	3.1	58.5	34.5	60	0	87	38	58.6	11.0
Gross Beta Result (pCi/L)			38					15	2	310	-65	66.0	86.1	60	4	205	-52.4	42.7	44.8
Gross Beta Error (pCi/L)			55					15	0	160	2.7	71.1	36.8	60	0	93	47	66.5	11.4
Beta Minimum Detectable Activity (pCi/L)			79					15	0	230	4.3	91.4	49.4	60	0	120	68	92.1	14.5

* Sample Type = Primary (one sample is represented), = Average (duplicate samples are averaged). ** Constituents reported in mg/l unless otherwise noted.
A symbol "<" before a number indicates that the value is not detected. The number following "<" is the analytical limit of detection based upon the method and the sample matrix.
Analyte concentrations reported below the detection limit are set equal to one half the detection limit for all statistical calculations.

AMERICAN SODA INTERIM STATUS

DATA SUMMARY GROUND WATER WELL 29-4U

JULY 1, 1999 - DECEMBER 31, 2012

Well ID	29-4U	29-4U	29-4U	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/12/2012	9/24/2012	12/12/2012	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Primary	Level	Indicator	Regulation	Standard												
Completion Horizon	Uinta	Uinta	Uinta	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Aluminum, dissolved			0.08	None	None	5.0	Agricultural	15	1	1.01	0.015	0.194	0.230	60	2	0.17	0.015	0.093	0.026
Antimony, dissolved			<0.002	None	None	0.006	Human Health	15	9	0.0131	0.00015	0.002	0.003	60	56	0.01	0.0001	0.002	0.003
Arsenic, dissolved			<0.001	None	None	0.05	Human Health	15	4	0.106	0.0025	0.015	0.025	60	49	0.025	0.00025	0.004	0.006
Barium, dissolved			0.037	None	None	2	Human Health	15	0	0.366	0.029	0.089	0.084	60	0	0.32	0.028	0.04	0.04
Beryllium, dissolved			<0.001	None	None	0.004	Human Health	15	15	0.001	0.00005	0.0003	0.0003	60	57	0.24	0.00005	0.0095	0.0419
Boron, dissolved	0.25	0.24	0.23	None	None	0.75	Agricultural	15	0	0.36	0.29	0.315	0.023	84	0	0.36	0.24	0.27	0.018
Cadmium, dissolved			<0.0005	None	None	0.005	Human Health	15	12	0.001	0.0001	0.0005	0.0004	60	59	0.005	0.00005	0.0010	0.0015
Calcium, dissolved	4.5	4.3	4.2	None	None	None	None	15	0	7.7	3.1	4.2	1.0	84	0	5	2.6	3.6	0.6
Chromium, dissolved			<0.003	None	None	0.1	Human Health	15	2	0.006	0.0001	0.002	0.002	60	41	0.047	0.00005	0.002	0.006
Cobalt, dissolved			<0.001	None	None	0.05	Agricultural	15	10	0.0005	0.0001	0.0002	0.0001	60	41	0.015	0.00005	0.00092	0.00201
Copper, dissolved			<0.003	None	None	0.2	Agricultural	15	7	0.068	0.001	0.013	0.019	60	46	0.066	0.00025	0.0084	0.012
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	84	20	0.09	0.01	0.029	0.018
Lead, dissolved			<0.0005	None	None	0.05	Human Health	15	3	0.002	0.00025	0.001	0.001	60	44	0.007	0.00005	0.0015	0.002
Lithium, dissolved	0.06	0.05	0.06	None	None	2.5	Agricultural	15	0	0.13	0.06	0.070	0.018	84	1	0.6	0.05	0.066	0.059
Magnesium, dissolved	8.9	8.7	8.4	None	None	None	None	15	0	8.9	4.3	6.0	1.6	84	0	10.1	4	6.4	1.6
Manganese, dissolved			0.01	None	None	0.05	Secondary Drinking Water	15	0	0.0797	0.003	0.019	0.018	60	1	0.03	0.005	0.012	0.005
Mercury, dissolved			<0.0002	None	None	0.002	Human Health	15	15	0.001	0.0001	0.0004	0.0002	60	58	0.01	0.0001	0.001	0.002
Molybdenum, dissolved			<0.003	None	None	None	None	15	0	0.118	0.047	0.066	0.017	60	5	0.038	0.0021	0.015	0.010
Nickel, dissolved			<0.003	None	None	0.1	Human Health	15	7	0.023	0.0005	0.003	0.006	60	49	0.034	0.0003	0.0030	0.0051
Potassium, dissolved	0.9	0.7	0.6	None	None	None	None	15	0	6	2	2.7	1.2	84	0	1.9	0.5	1.0	0.3
Selenium, dissolved			<0.001	None	None	0.02	Agricultural	15	14	0.003	0.0005	0.002	0.001	60	60	0.03	0.0005	0.006	0.010
Silica, dissolved	13.6	12.8	12.6	None	None	None	None	15	0	34.9	15.2	20.5	4.3	84	0	20.5	12.3	16.1	2.0
Silver, dissolved			<0.0003	None	None	0.05	Human Health	15	13	0.0015	0.00005	0.0003	0.0004	60	58	0.0025	2.5E-05	0.00053	0.001
Sodium, dissolved	292	286	276	None	None	None	None	15	0	1480	409	585.5	257.5	84	0	474	270	344	50
Strontium, dissolved			0.48	None	None	None	None	15	0	0.41	0.21	0.303	0.065	60	0	0.57	0.21	0.31	0.07
Thallium, dissolved			<0.0005	None	None	0.002	Human Health	15	14	0.0005	0.00005	0.0002	0.0002	60	44	0.03	0.00005	0.00167	0.0049
Uranium, dissolved			0.0011	None	None	None	None	15	0	0.0409	0.005	0.0145	0.0096	60	7	0.04	0.0011	0.00413	0.005
Vanadium, dissolved			<0.005	None	None	0.1	Agricultural	15	14	0.042	0.0025	0.0053	0.0102	60	59	0.006	0.0025	0.003	0.001
Zinc, dissolved			<0.04	None	None	2	Agricultural	15	5	0.09	0.005	0.023	0.021	60	52	0.1	0.001	0.02	0.03
Bicarb as CaCO3	401	382	384	None	None	None	None	15	0	1500	400	644	279	84	0	612	301	446	68
Carbonate as CaCO3	64	67	68	None	None	None	None	15	0	740	110	213	162	84	1	161	1	92	24
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	10	1	5	5	84	84	1	1	1	0
Total Alkalinity	465	449	452	None	None	None	None	15	0	2240	640	857	400	84	0	703	386	538	68

* 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.

AMERICAN SODA OPERATIONAL PHASE 1
DATA SUMMARY GROUND WATER WELL 29-4U CONTINUED
JULY 1, 1999 - DECEMBER 31, 2012

Well ID	29-4U	29-4U	29-4U	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/12/2012	9/24/2012	12/12/2012	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Primary	Level	Indicator	Regulation	Standard												
Completion Horizon	Uinta	Uinta	Uinta	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Bromide			0.066	None	None	None	None	15	12	1	0.05	0.21	0.27	60	55	1	0.05	0.30	0.234
Carbon, dissolved organic			5.9	None	None	None	None	15	0	22	6	9.5	3.8	60	8	130	2	13.4	19.5
Cation-Anion Balance %	2.2	1.1	-0.4					15	5	6.7	-5.1	1.5	3.1	84	43	15.8	-5.9	0.3	3.2
Sum of Anions meq/L	13.2	13.2	13.2					15	0	62.8	19.9	25.71	10.80	84	0	21.2	13	15.81	2.12
Sum of Cations meq/L	13.8	13.5	13.1					15	0	66.2	18.7	26.57	11.44	84	0	21.6	13	15.88	2.12
Chloride	17	16	14	None	None	250	Secondary Drinking Water	15	0	510	104	167	103	84	0	121	15	41	27
Cond @ 25C (umhos/cm)	1240	1240	1270	None	None	None	None	15	0	5780	1760	2309	996	84	0	1850	1060	1404	181
Fluoride	7.3	8	7.7	None	None	2	Agricultural	15	0	11	6	7.7	1.2	84	0	11	6.3	8.3	0.8
Hardness as CaCO3			45					15	0	47	27	35	8	60	0	54	23	32	6
Nitrate as N, dissolved			<0.02	None	None	10	Human Health	15	12	1	0.01	0.15	0.24	60	49	0.17	0.01	0.02	0.03
Nitrate/Nitrite as N, dissolved			<0.02	None	None	10	Human Health	15	12	1	0.01	0.15	0.24	60	48	0.17	0.01	0.02	0.03
Nitrite as N, dissolved			<0.01	None	None	1	Human Health	15	14	0.1	0.005	0.039	0.032	60	59	0.05	0.005	0.008	0.009
pH (units)	8.9	8.9	8.9	None	None	6.5 - 8.5	Secondary Drinking	15	0	9.5	8.7	9.1	0.2	84	0	9.3	8.2	9.0	0.2
Phosphorus, dissolved			0.04	None	None	None	None	15	1	0.3	0.005	0.138	0.078	60	0	0.9	0.03	0.088	0.116
Phosphorus, ortho dissolved			0.04	None	None	None	None	15	2	1.62	0.0025	0.220	0.404	60	2	0.137	0.02	0.060	0.018
Total Dissolved Solids	780	770	770	None	None	1826	TDS Water Quality Standards	15	0	3430	1070	1461	575	84	0	1160	750	904	118
Sodium Absorption Ratio in H2O			18.1	None	None	None	None	15	0	97.9	33.5	43.10	15.40	60	0	37.1	16.2	28.72	4.79
Sulfate	147	160	160	None	None	250	Secondary Drinking	15	0	200	150	165	11	84	0	188	145	163	8
Sulfide as S			1.08	None	None	None	None	14	6	0.8	0.07	0.25	0.23	60	1	6.7	0.01	1.16	0.97
TDS (calc)	770	766	755					15	0	3820	1190	1559	650	84	0	1240	766	943	120
TDS ratio	1.01	1.01	1.02					15	0	0.98	0.88	0.94	0.03	84	0	1.09	0.9	0.959	0.04
Temperature	15.2	13.2	10					15	0	17.5	10.9	12.8	1.9	84	0	16.9	7.8	11.8	1.9
Gross Alpha Result (pCi/L)			4.3	None	None	15	Human Health	15	1	70	-4.1	15.3	21.7	60	4	28.1	-13.3	4.8	5.4
Gross Alpha Error (pCi/L)			3.3					15	0	35	3.9	13.7	7.7	60	0	15	1.9	5.7	2.6
Alpha Minimum Detectable Activity (pCi/L)			2.5					15	0	23	2.9	8.6	4.8	60	0	9.5	2.2	4.8	1.8
Gross Beta Result (pCi/L)			16					15	1	68	-2.8	13.1	20.0	60	8	26	-6.31	4.0	4.6
Gross Beta Error (pCi/L)			3.4					15	0	19	3	9.3	4.3	60	0	14	3.1	5.7	2.3
Beta Minimum Detectable Activity (pCi/L)			4					15	0	25	4.4	11.6	5.4	60	0	17	4.7	7.7	2.9

* Sample Type = Primary (one sample is represented), = Average (duplicate samples are averaged). ** Constituents reported in mg/l unless otherwise noted.
A symbol "<" before a number indicates that the value is not detected. The number following "<" is the analytical limit of detection based upon the method and the sample matrix.
Analyte concentrations reported below the detection limit are set equal to one half the detection limit for all statistical calculations.

AMERICAN SODA OPERATIONAL PHASE 1

DATA SUMMARY GROUND WATER WELL 20-5

JULY 1, 1999 - DECEMBER 31, 2012

Well ID	20-5	20-5	20-5	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/25/2012	9/19/2012	12/3/2012	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
Aluminum, dissolved			<0.2	None	None	5.0	Agricultural	15	14	0.1	0.03	0.052	0.033	60	51	0.19	0.015	0.064	0.043
Antimony, dissolved			<0.01	None	None	0.006	Human Health	15	13	0.013	0.00005	0.002	0.003	60	55	0.019	0.00025	0.0016	0.002
Arsenic, dissolved			<0.005	None	None	0.05	Human Health	15	11	0.011	0.001	0.003	0.003	60	59	0.005	0.00025	0.002	0.001
Barium, dissolved			0.41	None	None	2	Human Health	15	0	0.564	0.22	0.409	0.099	60	1	0.62	0.238	0.45	0.08
Beryllium, dissolved			<0.001	None	None	0.004	Human Health	15	14	0.001	0.00005	0.0004	0.0003	60	60	0.0015	0.0001	0.0005	0.0002
Boron, dissolved	0.44	0.42	0.45	None	0.75	0.75	Agricultural	15	0	0.49	0.28	0.413	0.059	84	0	0.61	0.2	0.45	0.055
Cadmium, dissolved			0.005	None	None	0.005	Human Health	15	2	0.038	0.0005	0.0165	0.0128	60	15	0.018	0.0005	0.0053	0.0039
Calcium, dissolved	10.7	11	10	None	None	None	None	15	0	40	13.8	18.6	7.6	84	0	17	8	11.6	1.9
Chromium, dissolved			<0.01	None	None	0.1	Human Health	15	0	0.02	0.001	0.005	0.005	60	12	0.018	0.0004	0.003	0.003
Cobalt, dissolved			<0.001	None	None	0.05	Agricultural	15	9	0.0005	0.00015	0.0003	0.0001	60	50	0.00305	0.00005	0.0003	0.00038
Copper, dissolved			<0.01	None	None	0.2	Agricultural	15	9	0.03	0.0005	0.009	0.010	60	49	0.094	0.0005	0.0059	0.014
Iron, dissolved	<0.04	<0.1	<0.1	None	None	0.3	Secondary Drinking Water	15	6	0.28	0.01	0.080	0.090	84	29	1.7	0.01	0.115	0.217
Lead, dissolved			<0.003	None	None	0.05	Human Health	15	12	0.001	0.00005	0.001	0.0004	60	49	0.022	0.0001	0.00120	0.003
Lithium, dissolved	0.11	0.1	0.1	None	2.5	2.5	Agricultural	15	1	0.2	0.05	0.134	0.036	84	5	0.2	0.02	0.135	0.033
Magnesium, dissolved	27.1	28	28	None	None	None	None	15	0	73	33.9	41.5	10.8	84	0	42	22.9	30.9	4.3
Manganese, dissolved			0.02	None	None	0.05	Secondary Drinking Water	15	0	0.066	0.026	0.039	0.012	60	0	0.2475	0.015	0.032	0.029
Mercury, dissolved			<0.0002	None	None	0.002	Human Health	15	15	0.001	0.0001	0.0004	0.0003	60	59	0.01	0.0001	0.001	0.002
Molybdenum, dissolved			<0.01	None	None	None	None	15	8	0.002	0.00005	0.001	0.0004	60	33	0.096	0.0005	0.00289	0.012
Nickel, dissolved			<0.02	None	None	0.1	Human Health	15	10	0.005	0.0005	0.002	0.001	60	48	0.036	0.0005	0.0021	0.0047
Potassium, dissolved	2.1	2	<2	None	3.32	None	None	15	1	2.1	1	1.9	0.3	84	9	3.5	1	1.8	0.5
Selenium, dissolved			<0.001	None	None	0.02	Agricultural	15	14	0.0045	0.0005	0.002	0.001	60	59	0.03	0.0005	0.006	0.010
Silica, dissolved	16.4	16	16	None	27.97	None	None	15	0	28	11.9	15.5	4.2	84	0	18.5	6.7	14.9	2.4
Silver, dissolved			<0.001	None	None	0.05	Human Health	15	1	0.0045	0.0005	0.0027	0.0012	60	16	0.0099	0.00025	0.00116	0.001
Sodium, dissolved	1280	1350	1380	None	2534	None	None	15	0	1640	831	1396.4	212.5	84	0	1790	844	1467	146
Strontium, dissolved			2.56	None	None	None	None	15	0	3.47	2.29	3.057	0.309	60	0	3.82	1.49	2.85	0.43
Thallium, dissolved			<0.003	None	None	0.002	Human Health	15	15	0.0005	2.5E-05	0.0002	0.0001	60	45	0.035	0.0001	0.00140	0.0046
Uranium, dissolved			<0.003	None	None	None	None	15	1	0.0038	0.0005	0.0015	0.0008	60	3	0.0037	0.0005	0.00138	0.000
Vanadium, dissolved			<0.03	None	None	0.1	Agricultural	15	14	0.06	0.005	0.0113	0.0142	60	56	0.06	0.0025	0.009	0.008
Zinc, dissolved			<0.05	None	None	2	Agricultural	15	11	0.035	0.002	0.012	0.009	60	52	0.13	0.002	0.02	0.02
Bicarb as CaCO3	3170	2850	3130	None	None	None	None	15	0	3790	2020	3212	492	84	0	4320	1846	3403	398
Carbonate as CaCO3	<2	5	55	None	None	None	None	15	13	400	1	45	110	84	74	398	1	16	63
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	12	25	84	84	10	-2	1	1
Total Alkalinity	3170	2850	3190	None	5746	None	None	15	0	3790	2020	3250	479	84	0	4320	1846	3418	389

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

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

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

AMERICAN SODA OPERATIONAL PHASE 1
DATA SUMMARY GROUND WATER WELL 20-5 CONTINUED
JULY 1, 1999 - DECEMBER 31, 2012

Well ID	20-5	20-5	20-5	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/25/2012	9/19/2012	12/3/2012	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
Bromide			<0.5	None	None	None	None	15	14	5	0.05	1.14	1.70	60	57	0.5	0.05	0.31	0.21
Carbon, dissolved organic			41	None	None	None	None	15	1	11	4	7.3	1.9	60	5	105	4.6	31.2	24.4
Cation-Anion Balance %	-6.6	0.7	-3.6					15	13	4.1	-7.4	-3.0	3.1	84	67	6.3	-18.8	-3.7	4.7
Sum of Anions meq/L	67.4	61.4	68.4					15	0	80.7	47	69.96	9.10	84	0	94.5	41.15	73.10	8.30
Sum of Cations meq/L	59.1	62.3	63.6					15	0	76.2	44.6	65.88	8.34	84	0	82.5	40.55	67.78	6.67
Chloride	110	120	126	None	None	250	Secondary Drinking Water	15	0	165	83	127	23	84	0	154	42	127	14
Cond @ 25C (umhos/cm)	4750	4940	4790	None	8444	None	None	15	0	6190	4150	5695	530	84	0	6630	2590	5421	673
Fluoride	8.8	9.1	8.8	None	17.3	2	Agricultural	15	0	11	5.3	8.4	1.4	84	0	11.2	0.2	9.1	1.2
Hardness as CaCO3			140					15	0	400	177	217	63	60	0	213	114	161	23
Nitrate as N, dissolved			<0.02	None	None	10	Human Health	15	13	0.3	0.01	0.11	0.08	60	43	0.6	0.01	0.05	0.09
Nitrate/Nitrite as N, dissolved			<0.02	None	None	10	Human Health	15	13	0.3	0.01	0.11	0.08	60	42	0.6	0.01	0.05	0.09
Nitrite as N, dissolved			<0.01	None	None	1	Human Health	15	15	0.1	0.005	0.043	0.030	60	56	0.05	0.005	0.016	0.015
pH (units)	8.3	8.3	8.3	None	None	6.5 - 8.5	Secondary Drinking	15	0	8.4	7.6	7.8	0.2	84	0	9.3	7.6	8.2	0.3
Phosphorus, dissolved			0.10	None	None	None	None	15	2	0.2	0.025	0.080	0.044	60	4	0.96	0.025	0.108	0.144
Phosphorus, ortho dissolved			0.09	None	None	None	None	15	4	2.11	0.01	0.290	0.531	60	4	0.27	0.02	0.095	0.041
Total Dissolved Solids	3460	3450	3430	None	5878	4598	TDS Water Quality Standards	15	0	4110	2510	3678	431	84	0	4300	3440	3789	238
Sodium Absorption Ratio in H2O			51.4	None	None	None	None	15	0	51.7	18.3	43.14	9.45	60	0	70.5	30.015	52.34	4.93
Sulfate	20	20	33	None	None	250	Secondary Drinking	15	0	190	10	45	51	84	11	110	0.5	27	17
Sulfide as S			7.8	None	None	None	None	15	0	20	0.4	5.65	5.56	60	4	14	0.01	4.94	2.98
TDS (calc)	3380	2370	3520					15	0	4150	2470	3624	443	84	0	4620	2165.5	3743	388
TDS ratio	1.02	1.06	0.97					15	0	1.09	0.95	1.02	0.04	84	0	3.84	0.85	1.040	0.31
Temperature	17	12.5	10.6					15	0	17.9	9.3	13.2	2.1	84	0	21.5	8	12.9	2.6
Gross Alpha Result (pCi/L)			-9.4	None	None	15	Human Health	15	3	47	-39	4.0	18.9	60	2	72.5	-9.42	11.3	15.4
Gross Alpha Error (pCi/L)			15					15	0	51	14	24.9	9.9	60	0	39	2.7	20.3	7.2
Alpha Minimum Detectable Activity (pCi/L)			18					15	0	47	13	21.2	8.0	60	0	30.5	1	17.9	5.6
Gross Beta Result (pCi/L)			-9.3					15	3	32	-25	7.3	17.2	60	7	220	-19.6	12.6	30.8
Gross Beta Error (pCi/L)			17					15	0	35	11	21.2	6.1	60	0	42	2.4	20.7	5.6
Beta Minimum Detectable Activity (pCi/L)			27					15	0	42	16	28.1	7.2	60	0	45	3	27.9	7.5

* Sample Type = Primary (one sample is represented), = Average (duplicate samples are averaged). ** Constituents reported in mg/l unless otherwise noted.
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Analyte concentrations reported below the detection limit are set equal to one half the detection limit for all statistical calculations.

AMERICAN SODA INTERIM STATUS
DATA SUMMARY GROUND WATER WELL 20-10
JULY 1, 1999 - DECEMBER 31, 2012

Well ID	20-10	20-10	20-10	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/7/2010	9/23/2012	12/13/2012	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
Aluminum, dissolved			<0.03	None	None	5.0	Agricultural	15	13	0.1	0.015	0.030	0.029	60	53	0.15	0.015	0.023	0.0238
Antimony, dissolved			<0.01	None	None	0.006	Human Health	14	12	0.0005	0.0001	0.0003	0.0001	60	54	0.025	0.0001	0.00227	0.0038
Arsenic, dissolved			<0.005	None	None	0.05	Human Health	15	5	0.01	0.001	0.003	0.003	60	45	0.03	0.00025	0.003	0.0058
Barium, dissolved			0.078	None	None	2	Human Health	15	0	0.149	0.091	0.119	0.015	60	0	0.158	0.088	0.13	0.018
Beryllium, dissolved			<0.001	None	None	0.004	Human Health	14	13	0.0005	0.00005	0.0003	0.0002	60	59	0.0025	0.00005	0.0009	0.0011
Boron, dissolved	0.2	0.18	0.19	None	None	0.75	Agricultural	15	0	0.22	0.18	0.203	0.011	84	0	0.22	0.18	0.19	0.009
Cadmium, dissolved			<0.003	None	None	0.005	Human Health	15	11	0.001	0.00005	0.0004	0.0002	60	59	0.0025	0.00005	0.0009	0.0011
Calcium, dissolved	9.3	8.8	9.2	None	None	None	None	15	0	17.3	5	10.9	4.4	84	0	15	5.5	10.9	2.4
Chromium, dissolved			<0.01	None	None	0.1	Human Health	15	1	0.01	0.0002	0.003	0.003	60	25	0.0083	0.00005	0.002	0.001
Cobalt, dissolved			<0.001	None	None	0.05	Agricultural	15	7	0.00095	0.0001	0.0003	0.0002	60	42	0.007	0.00005	0.00079	0.00132
Copper, dissolved			<0.01	None	None	0.2	Agricultural	15	4	0.153	0.0009	0.019	0.040	60	55	0.2	0.00025	0.0080	0.026
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	84	62	0.15	0.005	0.015	0.021
Lead, dissolved			<0.003	None	None	0.05	Human Health	15	12	0.001	0.00005	0.0003	0.0003	61	47	0.032	0.00005	0.00237	0.0055
Lithium, dissolved	0.07	0.07	0.07	None	None	2.5	Agricultural	15	2	0.09	0.05	0.073	0.012	84	1	0.13	0.06	0.078	0.009
Magnesium, dissolved	22.4	21.4	21.6	None	None	None	None	15	0	37.8	17	26.7	7.3	84	0	33.7	16.3	25.4	4.2
Manganese, dissolved			<0.01	None	None	0.05	Secondary Drinking Water	14	0	0.0704	0.0104	0.027	0.020	60	3	0.033	0.005	0.018	0.0058
Mercury, dissolved			<0.0002	None	None	0.002	Human Health	15	13	0.001	0.0001	0.0003	0.0003	60	60	0.005	0.0001	0.001	0.002
Molybdenum, dissolved			<0.01	None	None	None	None	15	0	0.108	0.0007	0.012	0.027	60	35	0.02	0.00005	0.00180	0.0034
Nickel, dissolved			<0.02	None	None	0.1	Human Health	15	1	0.004	0.0002	0.002	0.001	60	22	0.03	0.0001	0.0035	0.0049
Potassium, dissolved	1	0.9	0.6	None	None	None	None	15	2	1.6	0.6	1.2	0.3	84	1	6	0.15	1.1	0.6
Selenium, dissolved			<0.001	None	None	0.02	Agricultural	15	13	0.006	0.0005	0.003	0.002	60	59	0.081	0.0005	0.007	0.014
Silica, dissolved	17.1	16.2	16.4	None	None	None	None	15	0	20.1	17.1	18.7	0.8	84	0	21.7	16	18.6	1.5
Silver, dissolved			<0.001	None	None	0.05	Human Health	15	15	0.0005	2.5E-05	0.0001	0.0001	60	60	0.0015	2.5E-05	0.00053	0.0006
Sodium, dissolved	298	294	283	None	None	None	None	15	0	694	303	510.3	131.6	84	0	631	3.5	369	93
Strontium, dissolved			2.05	None	None	None	None	15	0	2.8	1.26	1.939	0.536	60	0	2.74	1.32	2.17	0.36
Thallium, dissolved			<0.003	None	None	0.002	Human Health	15	15	0.0005	2.5E-05	0.0001	0.0001	60	50	0.03	0.00005	0.00203	0.0049
Uranium, dissolved			<0.003	None	None	None	None	15	0	0.0147	0.0039	0.0090	0.0032	60	19	0.01	0.0005	0.00208	0.001
Vanadium, dissolved			<0.005	None	None	0.1	Agricultural	15	15	0.0125	0.0025	0.0033	0.0026	60	60	0.015	0.0025	0.003	0.002
Zinc, dissolved			<0.05	None	None	2	Agricultural	15	4	0.12	0.002	0.024	0.032	60	27	0.1	0.001	0.02	0.02
Bicarb as CaCO3	511	470	472	None	None	None	None	15	0	1230	588	845	230	84	0	1180	470	638	140
Carbonate as CaCO3	69	52	76	None	None	None	None	15	3	390	1	98	96	84	6	125	1	56	27
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	10	1	4	4	84	84	1	1	1	0
Total Alkalinity	579	522	548	None	None	None	None	15	0	1315	611	942	278	84	0	1280	358	689	155

* Sample Type = Primary (one sample is represented), = Average (duplicate samples are averaged). ** Constituents reported in mg/l unless otherwise noted.
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AMERICAN SODA OPERATIONAL PHASE 1
DATA SUMMARY GROUND WATER WELL 20-10 CONTINUED
JULY 1, 1999 - DECEMBER 31, 2012

Well ID	20-10	20-10	20-10	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/7/2010	9/23/2012	12/13/2012	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
Bromide			0.664	None	None	None	None	15	13	5	0.05	0.69	1.34	60	54	6	0.05	0.43	0.80
Carbon, dissolved organic			17.3	None	None	None	None	15	0	25	3	13.3	7.1	60	1	140	4	24.8	19.5
Cation-Anion Balance %	-2.55	0	-2.6					15	4	16.3	-20.9	2.8	9.0	84	46	10.9	-10.2	0.3	3.9
Sum of Anions meq/L	16.3	15.2	15.5					14	0	31.5	17.4	24.49	5.05	84	0	28.8	15.2	18.86	2.83
Sum of Cations meq/L	15.5	15.2	14.7					14	0	32.2	16.3	25.85	4.95	84	0	29.6	15	19.07	3.49
Chloride	40	37	31	None	None	250	Secondary Drinking Water	14	0	180	33	89	42	84	0	141	24	56	22
Cond @ 25C (umhos/cm)	1420	1360	1430	None	None	None	None	15	0	2650	1380	2045	444	84	0	2560	1280	1612	239
Fluoride	6.9	7	6.8	None	None	2	Agricultural	14	0	10	5.8	8.6	1.1	84	0	10.9	6.5	7.7	1.0
Hardness as CaCO3			112					15	0	198	82	137	41	60	0	174.5	81	137	25
Nitrate as N, dissolved			<0.02	None	None	10	Human Health	15	10	0.2	0.02	0.10	0.06	60	52	0.12	0.01	0.03	0.03
Nitrate/Nitrite as N, dissolved			<0.02	None	None	10	Human Health	15	10	0.2	0.02	0.10	0.06	60	51	0.12	0.01	0.03	0.030
Nitrite as N, dissolved			<0.01	None	None	1	Human Health	15	14	0.1	0.005	0.045	0.034	60	58	0.08	0.005	0.017	0.018
pH (units)	8.8	8.7	8.8	None	None	6.5 - 8.5	Secondary Drinking	15	0	8.9	8.2	8.5	0.2	84	0	8.9	7.8	8.6	0.2
Phosphorus, dissolved			0.05	None	None	None	None	15	1	0.29	0.01	0.100	0.075	60	0	0.17	0.04	0.069	0.024
Phosphorus, ortho dissolved			0.07	None	None	None	None	15	4	0.349	0.0025	0.138	0.098	60	3	0.48	0.02	0.092	0.070
Total Dissolved Solids	890	860	850	None	None	1691	TDS Water Quality Standards	15	0	1780	950	1353	259	84	0	1610	860	1049	182
Sodium Absorption Ratio in H2O			11.8	None	None	None	None	15	0	33.7	10.2	20.37	7.91	60	0	29.6	10.7	15.27	5.26
Sulfate	153	160	159	None	None	250	Secondary Drinking	15	0	190	10	112	58	84	0	330	20	144	47
Sulfide as S			9	None	None	None	None	15	1	28.9	0.01	12.49	8.75	60	0	75	0.57	16.87	11.27
TDS (calc)	895	859	859					15	0	1770	959	1379	267	84	0	1560	859	1075	158
TDS ratio	1	1	0.99					14	0	1.12	0.73	0.99	0.10	84	0	1.1	0.84	0.974	0.05
Temperature	16.5	13.8	9.6					15	0	16.7	10.3	13.3	2.1	83	0	16.9	6.3	11.8	1.7
Gross Alpha Result (pCi/L)			8.9	None	None	15	Human Health	15	1	29	-5.4	10.5	9.8	59	3	20.9	-7.06	4.6	5.1
Gross Alpha Error (pCi/L)			4.9					15	0	18	5.5	11.5	3.3	59	0	21	2.3	6.8	3.3
Alpha Minimum Detectable Activity (pCi/L)			3.8					15	0	16	4.5	8.4	3.2	59	0	17	2.7	6.1	2.8
Gross Beta Result (pCi/L)			5.6					15	0	13	0	5.4	4.5	59	9	19.2	-19.8	2.9	5.9
Gross Beta Error (pCi/L)			4.2					15	0	18	2.8	8.8	4.2	59	0	28	3.7	7.4	4.5
Beta Minimum Detectable Activity (pCi/L)			5.6					15	0	25.5	6.2	12.5	5.5	59	0	40	5.7	10.2	6.3

* 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 21-3A

JULY 1, 1999 - DECEMBER 31, 2012

Well ID	21-3A	21-3A	21-3A	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/7/2012	9/9/2012	11/18/2012	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
Aluminum, dissolved			<0.3	None	None	5.0	Agricultural	15	15	0.3	0.1	0.150	0.046	60	49	1.3	0.1	0.291	0.264
Antimony, dissolved			<0.004	None	None	0.006	Human Health	15	10	0.0255	0.0005	0.008	0.009	60	53	0.02	0.0005	0.00314	0.003
Arsenic, dissolved			0.007	None	None	0.05	Human Health	15	2	0.53	0.0125	0.151	0.120	60	2	0.15	0.005	0.075	0.043
Barium, dissolved			2.59	None	None	2	Human Health	15	0	4.24	0.49	1.059	1.002	60	0	2.59	0.33	1.15	0.65
Beryllium, dissolved			<0.0005	None	None	0.004	Human Health	15	13	0.015	0.0005	0.0033	0.0038	60	60	0.005	0.00025	0.0015	0.0008
Boron, dissolved	5.2	4.9	5	5.68	None	0.75	Agricultural	15	0	5.8	3.7	4.333	0.455	84	0	5.9	2.76	4.57	0.475
Cadmium, dissolved			0.004	None	None	0.005	Human Health	15	5	0.016	0.0025	0.0081	0.0044	60	37	0.016	0.001	0.0032	0.0027
Calcium, dissolved	10	10	11	None	None	None	None	15	1	16	2	4.3	3.4	84	0	19	2	6.7	3.5
Chromium, dissolved			<0.005	None	None	0.1	Human Health	15	0	0.217	0.009	0.070	0.055	60	11	0.228	0.001	0.028	0.035
Cobalt, dissolved			0.0008	None	None	0.05	Agricultural	15	13	0.005	0.0005	0.001	0.001	60	47	0.01	0.00025	0.001	0.00133
Copper, dissolved			<0.005	None	None	0.2	Agricultural	15	8	0.83	0.005	0.101	0.209	60	48	0.06	0.0025	0.0091	0.010
Iron, dissolved	0.8	1.2	1	None	None	0.3	Secondary Drinking Water	15	0	1.5	0.1	0.361	0.345	84	3	1.8	0.0015	0.729	0.433
Lead, dissolved			<0.001	None	None	0.05	Human Health	15	13	0.015	0.0005	0.004	0.004	60	49	0.013	0.0005	0.00244	0.0027
Lithium, dissolved	1.1	1	1	2.5	None	2.5	Agricultural	15	0	1.5	1	1.253	0.164	84	0	1.4	0.6	1.042	0.132
Magnesium, dissolved	15	14	13	None	None	None	None	15	0	8	3	5.0	1.7	84	3	18	1	8.7	4.6
Manganese, dissolved			0.03	None	None	0.05	Secondary Drinking Water	15	2	0.04	0.0025	0.019	0.009	60	4	0.07	0.001	0.018	0.011
Mercury, dissolved			<0.001	None	None	0.002	Human Health	15	15	0.0025	0.0001	0.0006	0.0006	60	58	0.005	0.0001	0.001	0.002
Molybdenum, dissolved			0.085	None	None	None	None	15	0	2.73	0.083	1.792	0.735	60	0	3.2	0.085	1.537	0.963
Nickel, dissolved			<0.006	None	None	0.1	Human Health	15	10	0.03	0.0025	0.009	0.008	60	37	0.057	0.002	0.0064	0.0085
Potassium, dissolved	16	15	15	36.22	None	None	None	15	0	35	18	25.3	4.2	84	2	52	1.5	18.9	5.9
Selenium, dissolved			<0.001	None	None	0.02	Agricultural	15	13	0.006	0.0005	0.003	0.001	60	58	0.03	0.0005	0.008	0.011
Silica, dissolved	28	28	29	150.5	None	None	None	15	0	106	25	73.6	24.5	84	0	117	27	57.5	28.8
Silver, dissolved			0.0007	None	None	0.05	Human Health	15	10	0.006	0.0005	0.0019	0.0018	60	48	0.007	0.00025	0.00095	0.0010
Sodium, dissolved	7690	7910	8030	8894.27	None	None	None	15	0	14100	7000	7933.3	1726.6	84	0	9240	5800	7806	570
Strontium, dissolved			1.2	None	None	None	None	15	0	1.6	0.25	0.459	0.361	60	0	1.2	0.2	0.59	0.29
Thallium, dissolved			<0.001	None	None	0.002	Human Health	15	11	0.006	0.00025	0.0020	0.0017	60	45	0.023	0.0005	0.00217	0.0039
Uranium, dissolved			0.002	None	None	None	None	15	1	0.025	0.004	0.0180	0.0067	60	0	0.034	0.002	0.01580	0.008
Vanadium, dissolved			<0.05	None	None	0.1	Agricultural	15	1	1	0.05	0.2780	0.2105	60	0	0.35	0.025	0.186	0.068
Zinc, dissolved			0.03	None	None	2	Agricultural	15	10	0.3	0.02	0.094	0.091	60	56	0.26	0.01	0.03	0.036
Bicarb as CaCO3	16700	16300	18100	None	None	None	None	15	0	30200	2830	9291	6623	84	3	19600	1	11703	6224
Carbonate as CaCO3	489	149	<2	None	None	None	None	15	2	10900	100	6599	3188	84	26	14500	1	4783	4912
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	54	51	84	81	2310	1	45	273
Total Alkalinity	17200	16500	18100	20689.35	None	None	None	15	0	30200	13800	15870	4039	84	0	19600	9430	16510	1680

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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 21-3A CONTINUED
JULY 1, 1999 - DECEMBER 31, 2012

Well ID	21-3A	21-3A	21-3A	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/7/2012	9/9/2012	11/18/2012	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
Bromide			<5	None	None	None	None	15	15	5	0.2	2.21	2.11	60	59	4	0.05	0.70	0.63
Carbon, dissolved organic			<10	None	None	None	None	15	0	31	12	22.1	6.1	60	14	820	5	112.0	168.8
Cation-Anion Balance %	-3.3	0.3	-3.8					15	6	6.2	-3.4	0.9	3.1	84	57	20.4	-11.6	-1.5	4.9
Sum of Anions meq/L	364	348	383					14	0	637	304	346.21	85.00	84	0	459	211	356.48	32.55
Sum of Cations meq/L	341	350	355					14	0	622	309	351.50	78.82	84	0	409	256	345.12	25.45
Chloride	680	640	690	None	None	250	Secondary Drinking Water	15	0	1090	630	718	113	84	0	3350	510	692	295
Cond @ 25C (umhos/cm)	23400	21900	21700	27063.04	None	None	None	15	0	36000	2280	20845	8303	84	0	37300	10800	23153	2402
Fluoride	28.9	28.1	28.5	42.49	None	2	Agricultural	15	0	56	1.4	28.2	11.8	84	0	33.8	2.8	28.0	3.6
Hardness as CaCO3			81					15	0	65	12	31	14	60	0	90	5	42	23
Nitrate as N, dissolved			1.01	None	None	10	Human Health	15	11	11.2	0.01	0.88	2.86	60	56	1.01	0.01	0.10	0.13
Nitrate/Nitrite as N, dissolved			2.06	None	None	10	Human Health	15	11	11.2	0.01	0.88	2.86	60	56	2.06	0.01	0.12	0.26
Nitrite as N, dissolved			1.05	None	None	1	Human Health	15	14	0.3	0.005	0.059	0.071	60	58	1.05	0.005	0.055	0.131
pH (units)	8.4	8.5	8.3	None	None	6.5 - 8.5	Secondary Drinking	15	0	9.7	7.9	9.3	0.5	84	0	10	8.1	9.0	0.7
Phosphorus, dissolved			1.17	None	None	None	None	15	0	3.11	0.24	1.983	0.836	60	0	5.5	1.1	2.836	1.058
Phosphorus, ortho dissolved			1.4	None	None	None	None	15	0	3.42	0.322	1.924	0.891	60	0	6.3	1.3	3.295	1.418
Total Dissolved Solids	19600	19500	19300	20822	None	None	TDS Water Quality Standards	15	0	34700	5150	18800	5614	84	0	21100	18000	19244	762
Sodium Absorption Ratio in H2O			393	None	None	None	None	15	0	922	506	651.80	115.57	60	0	1370	393	600.84	214.57
Sulfate	<10	<20	<10	None	None	250	Secondary Drinking	15	1	410	5	282	120	84	13	3625	0.5	255	419
Sulfide as S			<0.08	None	None	None	None	15	9	0.6	0.01	0.14	0.15	60	31	0.2	0.01	0.07	0.05
TDS (calc)	18800	18500	19700					15	0	33400	18800	21240	3452	84	0	24450	17600	20708	1585
TDS ratio	1.04	1.05	0.98					14	0	1.04	0.25	0.88	0.19	84	0	1.09	0.77	0.936	0.09
Temperature	14.4	16.7	10.8					15	0	20.1	8	13.0	3.3	84	0	18.2	8.1	12.1	2.1
Gross Alpha Result (pCi/L)			-18	None	None	15	Human Health	15	1	240	-25	59.4	88.9	60	4	250	-94	32.4	56.1
Gross Alpha Error (pCi/L)			71					15	0	220	3.2	106.7	51.6	60	0	160	39	77.2	25.5
Alpha Minimum Detectable Activity (pCi/L)			76					15	0	180	3.1	82.5	39.6	60	0	140	51	77.8	15.9
Gross Beta Result (pCi/L)			120					15	0	260	0	78.1	81.4	60	6	157.5	-58.2	50.7	49.3
Gross Beta Error (pCi/L)			100					15	0	140	3.3	82.1	35.7	60	0	145	55	85.6	16.8
Beta Minimum Detectable Activity (pCi/L)			130					15	0	190	4.6	107.5	43.4	60	0	215	87	120.5	23.3

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

AMERICAN SODA OPERATIONAL PHASE 1
DATA SUMMARY GROUND WATER WELL 21-4A
JULY 1, 1999 - DECEMBER 31, 2012

Well ID	21-4A	21-4A	21-4A	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/3/2012	9/11/2012	11/28/2012	Protection	Warning	Standard													
Sample Type*	Primary	Average	Average	Level	Indicator	Regulation	Standard												
Completion Horizon	A Groove	A Groove	A Groove	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Aluminum, dissolved			<0.3	None	None	5.0	Agricultural	15	14	1	0.15	0.227	0.227	60	48	2.4	0.015	0.327	0.411
Antimony, dissolved			<0.004	None	None	0.006	Human Health	15	10	0.04	0.0005	0.010	0.013	60	57	0.04	0.001	0.00989	0.006
Arsenic, dissolved			<0.002	None	None	0.05	Human Health	15	5	0.14	0.02	0.051	0.034	60	58	0.05	0.0025	0.021	0.011
Barium, dissolved			3.48	None	None	2	Human Health	15	0	3.3	1.1	2.837	0.552	60	0	3.72	0.13	3.25	0.44
Beryllium, dissolved			<0.0005	None	None	0.004	Human Health	15	15	0.015	0.0005	0.0044	0.0043	60	56	4.83	0.0005	0.1767	0.7903
Boron, dissolved	4.7	4.7	5	None	5.35	0.75	Agricultural	15	0	4.8	4.3	4.580	0.152	84	0	5.2	0.3	4.52	0.559
Cadmium, dissolved			0.004	None	None	0.005	Human Health	15	5	0.045	0.003	0.0114	0.0129	60	53	0.01	0.002	0.0051	0.0013
Calcium, dissolved	6	6	5	None	None	None	None	15	1	11	5	7.5	1.6	84	1	744	1	14.9	80.5
Chromium, dissolved			<0.005	None	None	0.1	Human Health	15	2	0.128	0.00125	0.056	0.041	60	26	0.25	0.0005	0.029	0.038
Cobalt, dissolved			0.0017	None	None	0.05	Agricultural	15	8	0.0075	0.001	0.003	0.002	60	55	0.017	0.00025	0.00279	0.00230
Copper, dissolved			<0.005	None	None	0.2	Agricultural	15	6	0.83	0.005	0.152	0.238	60	53	0.35	0.0025	0.0359	0.055
Iron, dissolved	0.2	0.3	0.4	None	None	0.3	Secondary Drinking Water	15	0	3.3	0.7	1.657	0.550	84	5	1.85	0.07	0.727	0.469
Lead, dissolved			<0.001	None	None	0.05	Human Health	15	10	0.02	0.001	0.006	0.006	60	51	0.04	0.0005	0.00673	0.007
Lithium, dissolved	1	1	1	None	2.5	2.5	Agricultural	15	0	1.2	1	1.053	0.074	84	1	1.3	0.1	1.02	0.136
Magnesium, dissolved	6	6	5	None	None	None	None	15	1	20	5	7.3	3.7	84	6	13	1	4.9	1.6
Manganese, dissolved			0.0125	None	None	0.05	Secondary Drinking Water	15	0	0.1955	0.03	0.094	0.061	60	17	0.47	0.0025	0.025	0.062
Mercury, dissolved			<0.0002	None	None	0.002	Human Health	15	15	0.0025	0.0001	0.0006	0.0005	60	58	0.005	0.0001	0.001	0.002
Molybdenum, dissolved			<0.005	None	None	None	None	15	4	0.673	0.005	0.076	0.168	60	47	0.055	0.0005	0.00893	0.010
Nickel, dissolved			<0.006	None	None	0.1	Human Health	15	7	0.03	0.005	0.014	0.008	60	57	0.33	0.001	0.0162	0.0419
Potassium, dissolved	15	15	14	None	27.62	None	None	15	1	24	10	15.1	3.1	84	2	22	1.5	14.0	3.1
Selenium, dissolved			<0.001	None	None	0.02	Agricultural	15	14	0.004	0.0005	0.002	0.001	60	58	0.25	0.0005	0.012	0.033
Silica, dissolved	17	17	18	None	33.84	None	None	15	0	25	17	19.5	2.1	84	0	27	8.6	17.5	1.9
Silver, dissolved			<0.0005	None	None	0.05	Human Health	15	11	0.005	0.0005	0.0020	0.0015	60	55	0.0125	0.00025	0.00270	0.002
Sodium, dissolved	7810	7640	7980	None	9570	None	None	15	0	8410	7360	7844.7	280.2	84	0	8980	7060	7776	373
Strontium, dissolved			1.3	None	None	None	None	15	0	1.3	0.8	1.203	0.129	60	0	1.8	0.4	1.24	0.17
Thallium, dissolved			<0.001	None	None	0.002	Human Health	15	14	0.006	0.00025	0.0022	0.0019	60	45	0.063	0.0005	0.00825	0.0137
Uranium, dissolved			<0.001	None	None	None	None	15	6	0.034	0.001	0.0057	0.0081	60	58	0.02	0.00025	0.00264	0.002
Vanadium, dissolved			<0.05	None	None	0.1	Agricultural	15	13	0.29	0.025	0.0543	0.0728	60	57	0.12	0.005	0.029	0.015
Zinc, dissolved			<0.02	None	None	2	Agricultural	15	9	0.4	0.02	0.157	0.120	60	55	0.3	0.01	0.10	0.05
Bicarb as CaCO3	15300	15300	17850	None	None	None	None	15	0	19300	11700	16183	1626	84	0	18800	12500	16736	1026
Carbonate as CaCO3	1130	449	<2	None	None	None	None	15	14	4290	1	340	1094	84	54	1820	1	210	357
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	54	51	84	84	1	1	1	0
Total Alkalinity	16500	15800	17850	None	23942	None	None	15	0	19300	15100	16470	1059	84	0	18800	12500	16945	928

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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 21-4A CONTINUED
JULY 1, 1999 - DECEMBER 31, 2012

Well ID	21-4A	21-4A	21-4A	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/3/2012	9/11/2012	11/28/2012	Protection	Warning	Standard													
Sample Type*	Primary	Average	Average	Level	Indicator	Regulation	Standard												
Completion Horizon	A Groove	A Groove	A Groove	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Bromide			<0.5	None	None	None	None	15	15	5	0.05	1.97	1.99	60	59	10	0.05	0.86	1.41
Carbon, dissolved organic			<20	None	None	None	None	15	0	30	11	19.2	5.6	60	13	600	5	101.1	119.5
Cation-Anion Balance %	-0.4	0.1	-3.3					15	9	4.4	-8.1	-0.8	3.6	84	64	8.8	-8.7	-2.1	3.5
Sum of Anions meq/L	348	336	376					14	0	407	323	354.57	21.72	84	0	397	271	358.67	19.00
Sum of Cations meq/L	345	337	352					14	0	370	313	343.50	14.91	84	0	396	312	343.70	16.73
Chloride	650	680	610	None	None	250	Secondary Drinking Water	15	0	1965	600	721	345	84	0	1020	520	645	67
Cond @ 25C (umhos/cm)	23500	23000	21350	None	28651	None	None	15	0	23600	2220	21448	5436	84	0	24900	2330	22281	3460
Fluoride	30.9	30.5	33.0	None	41.34	2	Agricultural	15	0	34	27	29.9	1.9	84	0	36.1	24	31.4	2.0
Hardness as CaCO3			33					15	1	110	0.5	47	22	60	0	1910	8	69	242
Nitrate as N, dissolved			<0.02	None	None	10	Human Health	15	14	0.2	0.01	0.13	0.06	60	55	1.2	0.01	0.11	0.19
Nitrate/Nitrite as N, dissolved			0.02	None	None	10	Human Health	15	14	0.2	0.01	0.13	0.06	60	54	1.2	0.01	0.11	0.19
Nitrite as N, dissolved			0.02	None	None	1	Human Health	15	15	0.1	0.005	0.060	0.029	60	56	0.5	0.005	0.044	0.063
pH (units)	8.5	8.6	8.2	None	None	6.5 - 8.5	Secondary Drinking	15	0	8.3	7.6	8.0	0.2	84	0	8.7	7.75	8.3	0.2
Phosphorus, dissolved			1.1	None	None	None	None	15	0	1.53	0.6	0.948	0.238	60	0	3.965	0.79	1.181	0.391
Phosphorus, ortho dissolved			1.2	None	None	None	None	15	4	1.205	0.05	0.769	0.438	60	0	2.4	0.7	1.205	0.249
Total Dissolved Solids	18700	18900	18850	None	22366	None	TDS Water Quality Standards	15	0	24600	17300	19373	1539	84	0	20900	18200	19058	393
Sodium Absorption Ratio in H2O			611	None	None	None	None	15	1	568	0.015	469.27	142.52	60	0	1170	76.4	565.93	117.59
Sulfate	<20	<20	30	None	None	250	Secondary Drinking	15	9	50	5	21	19	84	46	150	0.5	16	24
Sulfide as S			0.2	None	None	None	None	15	9	0.7	0.01	0.16	0.19	60	17	0.43	0.01	0.13	0.08
TDS (calc)	18400	17900	19350					15	0	20300	17600	18680	893	84	0	20100	15600	18751	738
TDS ratio	1.02	1.06	0.97					14	0	1.23	0.93	1.04	0.07	84	0	1.29	0.94	1.018	0.05
Temperature	14.1	14.4	11.4					15	0	17.4	10.4	12.7	2.1	84	0	19	8.5	12.4	2.4
Gross Alpha Result (pCi/L)			-61	None	None	15	Human Health	15	0	390	0	99.0	115.7	59	6	194	-85	31.9	47.9
Gross Alpha Error (pCi/L)			89					15	0	180	3.1	116.8	42.8	59	0	170	0	74.3	27.3
Alpha Minimum Detectable Activity (pCi/L)			105					15	0	140	3	95.0	28.6	59	0	200	0	74.5	26.3
Gross Beta Result (pCi/L)			102					15	0	240	0	90.5	86.6	59	4	289	-40	60.0	65.5
Gross Beta Error (pCi/L)			120					15	0	160	2.8	97.6	33.0	59	0	140	0	82.1	23.4
Beta Minimum Detectable Activity (pCi/L)			165					15	0	220	4.4	132.0	43.1	59	0	160	0	113.4	30.8

* 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 29-4A
JULY 1, 1999 - DECEMBER 31, 2012

Well ID	29-4A	29-4A	29-4A	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/12/2012	9/24/2012	12/12/2012	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Primary	Level	Indicator	Regulation	Standard												
Completion Horizon	A Groove	A Groove	A Groove	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Aluminum, dissolved			<0.06	None	None	5.0	Agricultural	15	14	0.4	0.015	0.150	0.092	60	31	0.47	0.03	0.098	0.078
Antimony, dissolved			<0.01	None	None	0.006	Human Health	15	11	0.015	0.0005	0.004	0.004	59	53	0.04	0.0002	0.01096	0.007
Arsenic, dissolved			<0.005	None	None	0.05	Human Health	15	9	0.23	0.0015	0.039	0.057	59	57	0.07	0.00025	0.020	0.013
Barium, dissolved			0.218	None	None	2	Human Health	15	0	2.33	0.43	1.002	0.491	60	1	0.38	0.177	0.28	0.045
Beryllium, dissolved			<0.001	None	None	0.004	Human Health	15	14	0.01	0.00025	0.0031	0.0030	59	58	0.52	0.00005	0.0133	0.0671
Boron, dissolved	0.69	0.61	0.64	None	None	0.75	Agricultural	15	0	5.5	0.88	1.867	1.101	84	0	0.96	0.46	0.70	0.090
Cadmium, dissolved			<0.003	None	None	0.005	Human Health	15	4	0.03	0.0025	0.0087	0.0081	59	52	0.01	0.0007	0.0047	0.0016
Calcium, dissolved	5	4.3	4.3	None	None	None	None	15	0	14	4.8	7.1	2.3	84	0	7.3	3.7	5.4	0.6
Chromium, dissolved			<0.01	None	None	0.1	Human Health	15	3	0.174	0.003	0.030	0.043	59	48	0.045	0.0004	0.006	0.007
Cobalt, dissolved			0.002	None	None	0.05	Agricultural	15	13	0.005	0.00015	0.001	0.001	59	48	0.013	0.0001	0.00267	0.00203
Copper, dissolved			<0.01	None	None	0.2	Agricultural	15	5	2.78	0.0015	0.274	0.710	59	54	0.37	0.00025	0.0330	0.052
Iron, dissolved	<0.1	<0.04	<0.04	None	None	0.3	Secondary Drinking Water	15	6	1.9	0.025	0.232	0.470	84	21	1.95	0.01	0.114	0.269
Lead, dissolved			<0.003	None	None	0.05	Human Health	15	10	0.03	0.00045	0.005	0.008	59	51	0.04	0.0001	0.00617	0.006
Lithium, dissolved	<0.1	0.05	0.05	None	None	2.5	Agricultural	15	3	1.2	0.05	0.297	0.280	84	13	0.12	0.05	0.073	0.018
Magnesium, dissolved	4	3.6	3.4	None	None	None	None	15	0	12	4	8.3	2.5	84	0	5	2.5	3.9	0.4
Manganese, dissolved			0.02	None	None	0.05	Secondary Drinking Water	15	2	0.033	0.005	0.016	0.008	59	16	0.05	0.005	0.016	0.010
Mercury, dissolved			<0.0002	None	None	0.002	Human Health	15	15	0.0025	0.0001	0.0006	0.0006	60	59	0.01	0.0001	0.001	0.002
Molybdenum, dissolved			<0.01	None	None	None	None	15	3	0.104	0.005	0.018	0.024	59	36	0.11	0.002	0.01043	0.015
Nickel, dissolved			<0.02	None	None	0.1	Human Health	15	11	0.025	0.0006	0.008	0.007	59	50	0.16	0.0003	0.0130	0.0203
Potassium, dissolved	3	1.6	1.3	None	None	None	None	15	1	44	1.5	9.5	10.3	84	3	4	0.3	2.0	0.6
Selenium, dissolved			<0.001	None	None	0.02	Agricultural	15	14	0.003	0.0005	0.002	0.001	60	59	0.03	0.0005	0.006	0.010
Silica, dissolved	15	13.2	12.9	None	None	None	None	15	0	63	22	31.0	9.7	84	0	22	10.7	14.9	1.8
Silver, dissolved			<0.001	None	None	0.05	Human Health	15	10	0.005	0.0005	0.0016	0.0011	59	57	0.035	0.00005	0.00316	0.005
Sodium, dissolved	1160	953	998	None	None	None	None	15	0	15700	1880	5052.0	3301.4	84	0	1970	953	1336	217
Strontium, dissolved			0.36	None	None	None	None	15	0	1.3	0.33	0.632	0.234	60	0	0.46	0.22	0.37	0.05
Thallium, dissolved			<0.003	None	None	0.002	Human Health	15	13	0.005	0.00015	0.0015	0.0013	59	44	0.056	0.0001	0.00796	0.0122
Uranium, dissolved			<0.003	None	None	None	None	15	5	0.012	0.0005	0.0039	0.0031	59	48	0.057	0.0003	0.00339	0.007
Vanadium, dissolved			<0.01	None	None	0.1	Agricultural	15	13	0.2	0.0025	0.0328	0.0467	60	57	0.015	0.0025	0.008	0.004
Zinc, dissolved			<0.05	None	None	2	Agricultural	15	9	0.8	0.01	0.118	0.199	59	57	0.1	0.002	0.09	0.03
Bicarb as CaCO3	1890	1670	2230	None	None	None	None	15	0	24900	2850	7404	5197	84	0	3560	1660	2594	463
Carbonate as CaCO3	189	210	167	None	None	None	None	15	3	700	10	277	237	84	19	733	1	128	119
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	30	44	84	84	1	1	1	0
Total Alkalinity	2080	1880	2390	None	None	None	None	15	0	25600	2930	7667	5317	84	0	3750	1880	2721	427

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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 29-4A CONTINUED
JULY 1, 1999 - DECEMBER 31, 2012

Well ID	29-4A	29-4A	29-4A	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/12/2012	9/24/2012	12/12/2012	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Primary	Level	Indicator	Regulation	Standard												
Completion Horizon	A Groove	A Groove	A Groove	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Bromide			<1	None	None	None	None	15	15	5	0.05	1.77	2.10	60	55	0.5	0.01	0.32	0.20
Carbon, dissolved organic			<10	None	None	None	None	15	0	45	4	14.6	10.0	60	9	420	1	26.9	56.0
Cation-Anion Balance %	3.6	-0.7	-10.3					15	5	9.9	-11.9	1.7	5.6	84	61	8.4	-24.5	-3.8	5.8
Sum of Anions meq/L	48.1	43.1	54.6					14	0	291	83.6	183.42	59.90	84	0	92.5	43.1	64.41	10.88
Sum of Cations meq/L	51.7	42.5	44.4					14	0	344	83.4	189.89	68.42	84	0	87.5	42.5	59.43	9.60
Chloride	208	170	210	None	None	250	Secondary Drinking Water	14	0	3280	640	1939	779	84	0	820	51	330	132
Cond @ 25C (umhos/cm)	3750	3650	4740	None	None	None	None	15	0	37100	6130	15891	7687	84	0	8080	2725	5220	1008
Fluoride	13.8	13.6	14	None	None	2	Agricultural	14	0	22.6	8	16.0	3.1	84	0	19.4	11.6	14.4	1.4
Hardness as CaCO3			25					15	0	84	29	52	15	60	0	36	20	30	3
Nitrate as N, dissolved			<0.02	None	None	10	Human Health	15	13	0.2	0.01	0.11	0.07	60	49	0.2	0.01	0.03	0.04
Nitrate/Nitrite as N, dissolved			<0.02	None	None	10	Human Health	15	12	0.2	0.01	0.10	0.07	60	49	0.2	0.01	0.03	0.04
Nitrite as N, dissolved			<0.01	None	None	1	Human Health	15	15	0.1	0.005	0.046	0.033	60	59	0.05	0.005	0.013	0.015
pH (units)	8.6	8.7	8.6	None	None	6.5 - 8.5	Secondary Drinking	15	0	8.6	7.3	8.3	0.3	84	0	8.9	7.7	8.5	0.2
Phosphorus, dissolved			0.11	None	None	None	None	15	0	1.5	0.065	0.594	0.359	60	1	0.42	0.016	0.179	0.067
Phosphorus, ortho dissolved			0.13	None	None	None	None	15	0	2	0.26	0.772	0.472	60	2	0.34	0.03	0.170	0.045
Total Dissolved Solids	2670	2350	2740	None	None	None	TDS Water Quality Standards	15	0	40000	4600	13058	8460	84	0	4885	1380	3348	609
Sodium Absorption Ratio in H2O			88.4	None	None	None	None	15	0	753	154	296.47	142.86	60	0	145	82.7	113.12	14.46
Sulfate	<1	<2	<1	None	None	250	Secondary Drinking	15	2	300	5	49	71	84	57	30	0.5	7	7
Sulfide as S			0.76	None	None	None	None	15	2	5.7	0.01	2.74	1.82	60	3	12.5	0.01	2.59	2.09
TDS (calc)	2660	2290	2680					15	0	36000	5020	11961	7435	84	0	4920	2290	3375	537
TDS ratio	1	1.03	1.02					14	0	1.265	0.87	1.07	0.10	84	0	1.27	0.43	0.990	0.10
Temperature	15.3	13.8	7.5					15	0	17.4	9.6	12.6	2.1	84	0	17.7	7.2	12.4	2.1
Gross Alpha Result (pCi/L)			18	None	None	15	Human Health	15	3	220	-29	46.7	78.8	60	4	55.5	-44.4	10.8	16.6
Gross Alpha Error (pCi/L)			15					15	0	250	3.8	79.4	60.6	60	0	35	8.4	18.9	6.0
Alpha Minimum Detectable Activity (pCi/L)			11					15	0	220	3.2	57.7	52.3	60	0	30	8.8	17.8	5.0
Gross Beta Result (pCi/L)			20					15	3	280	-49	47.0	86.9	60	11	47.1	-37.1	7.3	13.4
Gross Beta Error (pCi/L)			12					15	0	270	3.2	65.7	64.7	60	0	34	11	20.3	4.5
Beta Minimum Detectable Activity (pCi/L)			16					15	0	360	4.5	82.2	84.4	60	0	44	17	28.1	6.2

* Sample Type = Primary (one sample is represented), = Average (duplicate samples are averaged). ** Constituents reported in mg/l unless otherwise noted.
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AMERICAN SODA INTERIM STATUS
DATA SUMMARY GROUND WATER WELL 29-3
JULY 1, 1999 - DECEMBER 31, 2012

Well ID	29-3	29-3	29-3	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/7/2012	9/11/2012	11/28/2012	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
Aluminum, dissolved			<0.3	None	None	5.0	Agricultural	15	14	1	0.15	0.322	0.195	60	52	1.5	0.015	0.319	0.233
Antimony, dissolved			<0.004	None	None	0.006	Human Health	15	12	0.05	0.001	0.010	0.012	60	55	0.009	0.0005	0.003	0.001
Arsenic, dissolved			<0.002	None	None	0.05	Human Health	15	14	0.05	0.005	0.023	0.016	60	58	0.03	0.0005	0.006	0.005
Barium, dissolved			3.4	None	None	2	Human Health	15	0	3.5	1.23	2.994	0.615	60	1	4.31	0.015	3.276	0.481
Beryllium, dissolved			<0.0005	None	None	0.004	Human Health	15	13	0.031	0.001	0.0059	0.0079	60	60	1	0.00025	0.0182	0.1289
Boron, dissolved	5.1	4.57	4.8	None	5.35	0.75	Agricultural	15	0	4.85	4.4	4.667	0.141	84	0	5.1	0.2	4.449	0.609
Cadmium, dissolved			0.004	None	None	0.005	Human Health	15	7	0.055	0.001	0.0106	0.0132	60	39	0.043	0.001	0.0031	0.0055
Calcium, dissolved	5	5	5	None	None	None	None	15	1	20	3	8.4	4.7	84	1	12	1.9	5.9	1.8
Chromium, dissolved			<0.005	None	None	0.1	Human Health	15	1	0.73	0.00125	0.113	0.176	60	17	0.59	0.001	0.031	0.078
Cobalt, dissolved			<0.0005	None	None	0.05	Agricultural	15	13	0.005	0.0005	0.002	0.002	60	49	0.008	0.00025	0.001	0.001
Copper, dissolved			<0.005	None	None	0.2	Agricultural	15	7	0.3	0.005	0.053	0.074	60	50	0.04	0.0015	0.008	0.006
Iron, dissolved	<0.4	<0.1	<0.2	None	None	0.3	Secondary Drinking Water	15	2	1.8	0.1	0.667	0.575	84	54	4.6	0.01	0.269	0.593
Lead, dissolved			<0.001	None	None	0.05	Human Health	15	12	0.027	0.001	0.006	0.007	61	50	0.041	0.00025	0.003	0.0060
Lithium, dissolved	1.2	1	1.1	None	2.5	2.5	Agricultural	15	0	1.2	1	1.060	0.071	84	2	1.4	0.1	1.068	0.172
Magnesium, dissolved	5	5	4	None	None	None	None	15	3	6	2	4.7	1.4	84	11	26	1	4.4	2.8
Manganese, dissolved			<0.005	None	None	0.05	Secondary Drinking Water	15	3	0.46	0.00275	0.082	0.136	60	21	0.58	0.001	0.014	0.074
Mercury, dissolved			<0.0002	None	None	0.002	Human Health	15	15	0.0025	0.0001	0.0006	0.0006	60	59	0.005	0.0001	0.0015	0.0017
Molybdenum, dissolved			<0.005	None	None	None	None	15	6	0.06	0.001	0.013	0.015	60	54	0.028	0.00025	0.003	0.004
Nickel, dissolved			<0.006	None	None	0.1	Human Health	15	9	0.25	0.002	0.046	0.074	60	52	0.019	0.001	0.004	0.003
Potassium, dissolved	18	15	15	None	28.95	None	None	15	1	19	10	14.1	2.4	84	2	33	1.5	14.6	3.9
Selenium, dissolved			<0.001	None	None	0.02	Agricultural	15	15	0.003	0.0005	0.002	0.001	60	60	0.03	0.0005	0.008	0.011
Silica, dissolved	15	15	16	None	37.63	None	None	15	0	38	14.5	20.5	5.7	84	0	20	7.3	15.6	1.6
Silver, dissolved			<0.0005	None	None	0.05	Human Health	15	9	0.006	0.0005	0.0028	0.0019	60	49	0.003	0.00025	0.0009	0.0007
Sodium, dissolved	8330	8290	8300	None	10096	None	None	15	0	8825	7675	8236.0	277.5	84	0	10500	7470	8247.3	450.5
Strontium, dissolved			1.3	None	None	None	None	15	0	1.3	0.9	1.190	0.104	60	0	3.2	1.01	1.251	0.277
Thallium, dissolved			<0.001	None	None	0.002	Human Health	15	15	0.005	0.0005	0.0020	0.0017	60	47	0.011	0.00025	0.0017	0.0024
Uranium, dissolved			<0.001	None	None	None	None	15	13	0.009	0.0005	0.0023	0.0023	60	60	0.0015	0.00015	0.0006	0.0004
Vanadium, dissolved			<0.05	None	None	0.1	Agricultural	15	14	0.15	0.025	0.0532	0.0285	60	55	0.3	0.005	0.0497	0.0490
Zinc, dissolved			<0.02	None	None	2	Agricultural	15	6	2.3	0.02	0.553	0.630	60	55	0.25	0.005	0.033	0.032
Bicarb as CaCO3	15600	15600	17500	None	None	None	None	15	0	18700	12900	16793	1318	84	0	19200	12400	17644	1083
Carbonate as CaCO3	1900	1130	1200	None	None	None	None	15	13	3900	1	372	999	84	49	1900	1	340	487
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	54	51	84	84	1	1	1	0
Total Alkalinity	17500	16800	18700	None	21794	None	None	15	0	18700	15900	17113	722	84	0	19400	13300	17984	938

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

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

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

AMERICAN SODA OPERATIONAL PHASE 1
DATA SUMMARY GROUND WATER WELL 29-3 CONTINUED
JULY 1, 1999 - DECEMBER 31, 2012

Well ID	29-3	29-3	29-3	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/7/2012	9/11/2012	11/28/2012	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
Bromide			<1	None	None	None	None	14	14	5	0.2	1.61	1.84	60	59	10	0.05	0.86	1.39
Carbon, dissolved organic			<20	None	None	None	None	15	0	42	14	24.0	7.6	60	14	3340	10	203.0	467.7
Cation-Anion Balance %	-0.4	1.4	-3.7					15	6	3.6	-82.5	-4.8	21.6	84	69	10.2	-22	-2.5	4.2
Sum of Anions meq/L	371	356	394					15	0	395	339	363.33	14.13	84	0	554	301	382.85	26.20
Sum of Cations meq/L	368	366	366					15	0	388.5	338.5	363.53	12.16	84	0	463	330	363.96	19.81
Chloride	700	720	640	None	None	250	Secondary Drinking Water	15	0	760	369	665	87	84	0	750	560	673	35
Cond @ 25C (umhos/cm)	23700	24100	23000	None	28503	None	None	15	0	24750	2330	22232	5829	84	0	26700	2345	23213	4438
Fluoride	32	31	40	None	43.82	2	Agricultural	15	0	36	29.5	32.3	1.6	84	0	38.7	17.05	31.9	2.9
Hardness as CaCO3			29					14	0	75	12	43	17	60	0	129	10	34	16
Nitrate as N, dissolved			<0.02	None	None	10	Human Health	15	14	1.9	0.01	0.23	0.47	60	55	1	0.01	0.08	0.14
Nitrate/Nitrite as N, dissolved			<0.02	None	None	10	Human Health	15	14	1.9	0.01	0.23	0.47	60	55	1	0.01	0.08	0.14
Nitrite as N, dissolved			<0.01	None	None	1	Human Health	15	13	1	0.005	0.159	0.285	60	58	0.5	0.005	0.038	0.064
pH (units)	8.6	8.6	8.5	None	None	6.5 - 8.5	Secondary Drinking	15	0	8.7	7.8	8.0	0.2	84	0	8.7	6.1	8.2	0.4
Phosphorus, dissolved			1.18	None	None	None	None	15	0	3.265	0.13	1.148	0.661	60	0	27	0.785	1.635	3.343
Phosphorus, ortho dissolved			1.2	None	None	None	None	15	3	1.255	0.173	0.878	0.415	60	0	5.3	0.3	1.302	0.564
Total Dissolved Solids	20300	19900	19900	None	21373	25259	TDS Water Quality Standards	15	0	20600	19900	20207	208	84	0	21100	18400	20164	411
Sodium Absorption Ratio in H2O			679	None	None	None	None	15	1	1060	0.015	597.93	252.72	60	0	1140	308	656.25	156.09
Sulfate	<20	<20	<20	None	None	250	Secondary Drinking	15	13	50	5	20	20	84	60	690	0.5	37	115
Sulfide as S			<0.2	None	None	None	None	15	7	1	0.01	0.17	0.24	60	18	0.5	0.01	0.15	0.12
TDS (calc)	19600	19200	20200					15	0	20800	12000	18870	2004	84	0	26200	17800	19994	999
TDS ratio	1.04	1.04	0.99					15	0	1.08	0.17	0.99	0.23	84	0	1.9	0.76	1.021	0.11
Temperature	13.3	11.5	10.3					15	0	16.8	8	11.9	2.3	84	0	16	7.3	11.2	1.6
Gross Alpha Result (pCi/L)			57.0	None	None	15	Human Health	15	2	540	-190	66.4	171.2	60	4	330	-38.4	60.4	71.9
Gross Alpha Error (pCi/L)			130					15	0	270	61	111.5	49.2	60	0	180	11	85.5	28.2
Alpha Minimum Detectable Activity (pCi/L)			120					15	0	160	59	93.4	23.2	60	0	120	6.7	76.8	18.1
Gross Beta Result (pCi/L)			170					15	1	470	-61	80.6	132.4	60	6	1700	-121	82.4	224.4
Gross Beta Error (pCi/L)			150					15	0	160	64	95.8	24.6	60	0	160	13	90.1	22.2
Beta Minimum Detectable Activity (pCi/L)			190					15	0	190	85	127.4	27.3	60	0	200	14	121.4	27.5

* Sample Type = Primary (one sample is represented), = Average (duplicate samples are averaged). ** Constituents reported in mg/l unless otherwise noted.
A symbol "<" before a number indicates that the value is not detected. The number following "<" is the analytical limit of detection based upon the method and the sample matrix.
Analyte concentrations reported below the detection limit are set equal to one half the detection limit for all statistical calculations.

AMERICAN SODA OPERATIONAL PHASE 1

DATA SUMMARY GROUND WATER WELL 19-2

JULY 1, 1999 - DECEMBER 31, 2012

Well ID	19-2	19-2	19-2	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/3/2012	9/23/2012	12/2/2012	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Average	Level	Indicator	Regulation	Standard												
Completion Horizon	Above A Groove	Above A Groove	Above 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
Aluminum, dissolved			0.04	None	None	5.0	Agricultural	15	3	0.33	0.03	0.171	0.113	60	48	1.5	0.015	0.067	0.194
Antimony, dissolved			<0.0004	None	None	0.006	Human Health	15	11	0.004	0.00015	0.001	0.001	60	56	0.02	0.0002	0.0009	0.0025
Arsenic, dissolved			<0.0002	None	None	0.05	Human Health	15	11	0.0075	0.0005	0.002	0.002	60	60	0.05	0.0003	0.002	0.006
Barium, dissolved			2.87	None	None	2	Human Health	15	0	2.55	0.964	1.992	0.405	60	0	4.07	0.03	2.43	0.76
Beryllium, dissolved			0.00053	None	None	0.004	Human Health	15	4	0.004	0.00025	0.0019	0.0014	60	52	0.07813	5E-05	0.0018	0.0101
Boron, dissolved	0.25	0.24	0.28	None	None	0.75	Agricultural	15	0	0.31	0.23	0.264	0.022	84	1	0.5	0.19	0.29	0.037
Cadmium, dissolved			<0.0001	None	None	0.005	Human Health	15	13	0.0014	0.0001	0.0004	0.0004	60	57	0.01	5E-05	0.0004	0.0013
Calcium, dissolved	29.6	27.5	64.9	None	None	None	None	15	0	123.5	35.1	93.1	25.9	84	0	149	9.4	69.9	35.8
Chromium, dissolved			0.0005	None	None	0.1	Human Health	15	0	0.01	0.0015	0.004	0.002	60	14	0.0161	5E-05	0.002	0.0028
Cobalt, dissolved			0.00135	None	None	0.05	Agricultural	15	1	0.0025	0.0002	0.001	0.001	60	21	0.005	0.0002	0.00061	0.00072
Copper, dissolved			<0.0005	None	None	0.2	Agricultural	15	7	0.48	0.0015	0.045	0.124	60	50	0.05	0.0003	0.0027	0.006
Iron, dissolved	0.14	0.18	2.5	None	None	0.3	Secondary Drinking Water	15	0	11.2	2.41	7.218	2.810	84	3	11.8	0.01	2.434	2.759
Lead, dissolved			<0.0001	None	None	0.05	Human Health	15	11	0.0039	0.0001	0.001	0.001	61	48	0.0158	5E-05	0.00089	0.002
Lithium, dissolved	0.07	0.07	0.07	None	None	2.5	Agricultural	15	0	0.115	0.07	0.099	0.015	84	4	0.5	0.05	0.096	0.049
Magnesium, dissolved	11.3	11.6	14.5	None	None	None	None	15	0	26.4	10.6	21.7	4.2	84	1	42.4	3	19.6	8.2
Manganese, dissolved			0.219	None	None	0.05	Secondary Drinking Water	15	0	0.827	0.0993	0.529	0.214	60	0	0.709	0.002	0.244	0.147
Mercury, dissolved			<0.0002	None	None	0.002	Human Health	15	14	0.0005	0.00005	0.0003	0.0002	60	58	0.005	0.0001	0.001	0.002
Molybdenum, dissolved			<0.0005	None	None	None	None	15	10	0.0023	0.0001	0.001	0.001	60	49	0.01	0.0001	0.00056	0.001
Nickel, dissolved			0.0011	None	None	0.1	Human Health	15	2	0.029	0.001	0.006	0.007	60	20	0.02	0.0003	0.0027	0.0032
Potassium, dissolved	1.6	1.7	1.8	None	None	None	None	15	0	3.7	1.2	2.9	0.7	84	3	5.6	0.6	2.4	0.9
Selenium, dissolved			<0.001	None	None	0.02	Agricultural	15	15	0.003	0.0005	0.002	0.001	60	60	0.03	0.0005	0.007	0.011
Silica, dissolved	22.5	21.9	26	None	None	None	None	15	0	30.4	19.4	26.0	3.3	84	0	34.9	15	25.4	4.5
Silver, dissolved			<0.00005	None	None	0.05	Human Health	15	13	0.0007	0.00005	0.0003	0.0002	60	53	0.005	3E-05	0.00028	0.0006
Sodium, dissolved	379	382	401	None	None	None	None	15	0	775	389	632.7	101.4	84	0	825	289	538	135
Strontium, dissolved			2.62	None	None	None	None	15	0	3.83	1.56	3.186	0.646	60	0	5.59	0.89	3.52	1.04
Thallium, dissolved			<0.0001	None	None	0.002	Human Health	15	15	0.0005	0.00005	0.0002	0.0001	60	54	0.005	5E-05	0.00034	0.0007
Uranium, dissolved			<0.0001	None	None	None	None	15	13	0.0005	0.00005	0.0002	0.0001	60	54	0.005	5E-05	0.00029	0.0007
Vanadium, dissolved			<0.005	None	None	0.1	Agricultural	15	15	0.005	0.0025	0.0043	0.0011	60	60	0.25	0.0025	0.008	0.032
Zinc, dissolved			<0.002	None	None	2	Agricultural	15	6	0.18	0.005	0.034	0.047	60	20	0.2	0.002	0.02	0.03
Bicarb as CaCO3	725	706	875	None	None	None	None	15	0	1170	668	1014	123	84	0	1380	448	932	218
Carbonate as CaCO3	38	48	<2	None	None	None	None	15	15	10	1	3	4	84	57	90	1	17	27
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	10	1	3	4	84	84	1	1	1	0
Total Alkalinity	764	754	875	None	None	None	None	15	0	1170	668	1014	123	84	0	1380	534	948	197

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

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

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

AMERICAN SODA OPERATIONAL PHASE 1
DATA SUMMARY GROUND WATER WELL 19-2 CONTINUED
JULY 1, 1999 - DECEMBER 31, 2012

Well ID	19-2	19-2	19-2	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/3/2012	9/23/2012	12/2/2012	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Average	Level	Indicator	Regulation	Standard												
Completion Horizon	Above A Groove	Above A Groove	Above 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
Bromide			<0.5	None	None	None	None	15	12	2	0.05	0.47	0.49	60	54	5	0.05	0.51	0.84
Carbon, dissolved organic			8.1	None	None	None	None	15	0	33	6	19.8	8.9	60	0	580	10	41.5	74.3
Cation-Anion Balance %	-3.8	-3.8	-1.6					15	12	17.8	-11.7	-0.9	7.6	84	59	11.6	-17.2	-1.6	4.7
Sum of Anions meq/L	20.6	20.7	23					15	0	41.9	14.1	35.91	7.41	84	0	47.3	13.7	30.07	8.36
Sum of Cations meq/L	19.1	19.2	22.3					15	0	41.4	20.2	34.87	6.02	84	0	45.6	13.6	29.04	8.38
Chloride	170	180	179	None	None	250	Secondary Drinking Water	14	0	750	210	573	133	84	0	750	76	380	183
Cond @ 25C (umhos/cm)	1890	1830	2010	None	None	None	None	15	0	3930	1410	3372	674	84	0	4190	1300	2779	801
Fluoride	10.6	10.1	9.1	None	None	2	Agricultural	14	0	16	10.3	12.0	1.6	84	0	18.2	5	10.6	2.6
Hardness as CaCO3			222					15	0	411	142	322	81	60	0	509	61	307	100
Nitrate as N, dissolved			<0.02	None	None	10	Human Health	15	12	1.63	0.01	0.19	0.40	60	56	0.5	0.01	0.03	0.07
Nitrate/Nitrite as N, dissolved			<0.02	None	None	10	Human Health	15	12	1.63	0.01	0.19	0.40	60	56	0.5	0.01	0.03	0.07
Nitrite as N, dissolved			<0.01	None	None	1	Human Health	15	15	0.1	0.005	0.040	0.032	60	59	0.25	0.005	0.018	0.035
pH (units)	8.4	8.5	7.6	None	None	6.5 - 8.5	Secondary Drinking	15	0	8.1	6.4	6.8	0.4	84	0	8.9	6.5	7.8	0.7
Phosphorus, dissolved			0.04	None	None	None	None	15	1	0.32	0.025	0.160	0.107	60	2	0.25	0.005	0.073	0.043
Phosphorus, ortho dissolved			0.01	None	None	None	None	15	3	0.27	0.0025	0.133	0.093	60	6	2.56	0.005	0.120	0.361
Total Dissolved Solids	1040	1110	1195	None	None	2466	TDS Water Quality Standards	15	0	2380	1000	1973	375	84	0	2380	750	1619	473
Sodium Absorption Ratio in H_2O			11.85	None	None	None	None	15	0	18.5	14.2	15.66	1.29	60	0	17.9	11.5	15.06	1.50
Sulfate	<1	<1	<5	None	None	250	Secondary Drinking Water	15	15	5	5	5	0	84	77	30	0.5	5	5
Sulfide as S			0.28	None	None	None	None	15	1	2.4	0.01	1.12	0.63	60	17	2.9	0.01	0.25	0.49
TDS (calc)	1080	1090	1230					15	0	2300	890	1944	371	84	0	2460	766	1622	450
TDS ratio	0.96	1.02	0.97					15	0	1.12	0.9	1.02	0.06	84	0	1.24	0.85	0.995	0.06
Temperature	16.4	13.7	12.2					15	0	15.3	10.1	12.8	1.7	84	0	18.3	7.7	12.2	2.4
Gross Alpha Result (pCi/L)			-0.92	None	None	15	Human Health	15	1	41	-6.6	10.3	13.3	59	4	71.4	-7.66	7.3	13.7
Gross Alpha Error (pCi/L)			4					15	0	28	5.1	15.5	6.2	59	0	26	1.2	11.0	5.4
Alpha Minimum Detectable Activity (pCi/L)			5					15	0	18	5.7	11.9	3.1	59	0	19	2.1	9.9	3.6
Gross Beta Result (pCi/L)			5.25					15	1	33	-6	12.0	11.3	59	4	101	-9.86	11.1	16.3
Gross Beta Error (pCi/L)			5.5					15	0	19	5.2	12.6	3.5	59	0	22	4.5	11.2	3.8
Beta Minimum Detectable Activity (pCi/L)			8					15	0	21	7.5	16.4	4.2	59	0	29	5.9	15.3	5.0

* 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 21-3B

JULY 1, 1999 - DECEMBER 31, 2012

Well ID	21-3B	21-3B	21-3B	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/6/2012	9/9/2012	11/18/2012	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
Aluminum, dissolved			<0.6	None	None	5.0	Agricultural	15	14	0.5	0.1	0.268	0.100	59	51	30.9	0.1	1.004	3.990
Antimony, dissolved			<0.008	None	None	0.006	Human Health	15	9	0.05	0.001	0.012	0.014	59	54	0.03	0.002	0.0056	0.004
Arsenic, dissolved			<0.004	None	None	0.05	Human Health	15	5	0.6	0.015	0.093	0.147	59	41	0.2	0.005	0.018	0.025
Barium, dissolved			4.42	None	None	2	Human Health	15	0	2.55	1.62	2.102	0.228	59	1	4.34	0.03	2.45	0.69
Beryllium, dissolved			<0.001	None	None	0.004	Human Health	15	14	0.025	0.001	0.0047	0.0058	59	59	0.005	0.001	0.0024	0.0006
Boron, dissolved	6.8	6.4	6.4	7.22	None	0.75	Agricultural	15	0	6.5	4.6	6.091	0.453	83	0	6.8	0.3	5.95	0.747
Cadmium, dissolved			0.004	None	None	0.005	Human Health	15	3	0.11	0.005	0.0249	0.0270	59	42	0.035	0.001	0.0044	0.0048
Calcium, dissolved	8	8	11	None	None	None	None	15	0	16	6	8.8	2.6	83	1	216	2.9	12.3	25.0
Chromium, dissolved			<0.01	None	None	0.1	Human Health	15	0	0.9	0.022	0.195	0.221	59	9	0.524	0.0025	0.058	0.083
Cobalt, dissolved			0.001	None	None	0.05	Agricultural	15	12	0.015	0.00025	0.003	0.003	59	51	0.02	0.0005	0.00210	0.00269
Copper, dissolved			<0.01	None	None	0.2	Agricultural	15	7	1.05	0.0125	0.141	0.260	59	49	1.86	0.005	0.0578	0.244
Iron, dissolved	0.5	0.6	0.7	None	None	0.3	Secondary Drinking Water	15	0	3.1	0.4	0.991	0.693	83	2	3.3	0.2	0.806	0.519
Lead, dissolved			<0.002	None	None	0.05	Human Health	15	12	0.06	0.001	0.008	0.015	59	44	0.543	0.001	0.016	0.071
Lithium, dissolved	1.5	1.4	1.3	2.5	None	2.5	Agricultural	15	0	1.7	1.2	1.483	0.128	83	1	2	0.2	1.443	0.250
Magnesium, dissolved	<4	6	<4	None	None	None	None	15	0	13	5	9.6	1.7	83	19	57	2	9.1	6.7
Manganese, dissolved			0.02	None	None	0.05	Secondary Drinking Water	15	1	0.053	0.007	0.025	0.011	59	12	0.612	0.0025	0.028	0.087
Mercury, dissolved			<0.001	None	None	0.002	Human Health	15	15	0.005	0.0001	0.0008	0.0012	59	59	0.005	0.0001	0.001	0.002
Molybdenum, dissolved			<0.01	None	None	None	None	15	0	1.39	0.32	0.581	0.276	59	0	0.5095	0.01	0.261	0.108
Nickel, dissolved			<0.01	None	None	0.1	Human Health	15	3	0.31	0.01	0.043	0.075	59	17	0.105	0.005	0.0150	0.0146
Potassium, dissolved	31	28	39	44.16	None	None	None	15	0	32	21	27.5	2.8	83	0	86	6	28.0	8.1
Selenium, dissolved			<0.001	None	None	0.02	Agricultural	15	13	0.003	0.0005	0.002	0.001	59	52	0.17	0.0005	0.010	0.023
Silica, dissolved	30	29	30	81.21	None	None	None	15	0	58	37	48.4	6.8	83	0	67	11	42.3	9.6
Silver, dissolved			<0.001	None	None	0.05	Human Health	15	11	0.018	0.00125	0.0041	0.0052	59	54	0.00875	0.0005	0.00178	0.001
Sodium, dissolved	13700	13700	14200	16103.97	None	None	None	15	0	14300	7830	13315.3	1559.8	83	0	16100	321	13747	1647
Strontium, dissolved			1.5	None	None	None	None	15	0	0.9	0.6	0.799	0.073	59	0	4.1	0.69	1.01	0.46
Thallium, dissolved			<0.002	None	None	0.002	Human Health	15	13	0.015	0.0005	0.0030	0.0035	59	44	0.027	0.001	0.00393	0.0057
Uranium, dissolved			<0.002	None	None	None	None	15	3	0.025	0.0025	0.0079	0.0059	59	3	0.027	0.001	0.00905	0.004
Vanadium, dissolved			<0.1	None	None	0.1	Agricultural	15	4	0.7	0.05	0.1850	0.1898	59	48	0.2	0.036	0.068	0.037
Zinc, dissolved			0.06	None	None	2	Agricultural	15	9	2.6	0.02	0.439	0.713	59	57	1.4	0.02	0.07	0.18
Bicarb as CaCO3	29400	28900	31600	None	None	None	None	15	0	30400	13500	27053	3932	83	0	32800	20500	30211	1648
Carbonate as CaCO3	545	799	<2	None	None	None	None	15	11	2980	1	489	863	83	67	4190	1	168	531
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	54	51	83	83	1	1	1	0
Total Alkalinity	29900	29700	31600	34488	None	None	None	15	0	30400	16500	27513	3195	83	0	32800	28200	30501	1040

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

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

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

AMERICAN SODA OPERATIONAL PHASE 1
DATA SUMMARY GROUND WATER WELL 21-3B CONTINUED
JULY 1, 1999 - DECEMBER 31, 2012

Well ID	21-3B	21-3B	21-3B	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/6/2012	9/9/2012	11/18/2012	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
Bromide			<10	None	None	None	None	15	15	5	0.5	2.45	2.00	59	59	5	0.1	0.79	0.71
Carbon, dissolved organic			<10	None	None	None	None	15	0	33.5	15	22.7	6.3	59	18	2330	15.3	177.8	328.8
Cation-Anion Balance %	-2.6	-1.9	-3.4					15	8	4	-2.6	0.4	1.9	83	64	5.7	-91.3	-3.5	10.2
Sum of Anions meq/L	636	627	670					14	0	642	353	583.93	69.39	83	0	769	597	644.86	24.79
Sum of Cations meq/L	604	604	626					14	0	631	346	587.57	71.35	83	0	710	29.9	607.08	71.13
Chloride	1250	1100	1270	None	None	250	Secondary Drinking Water	15	0	1260	630	1111	145	83	0	1350	2	1098	166
Cond @ 25C (umhos/cm)	37300	35000	34900	41968.72	None	None	None	15	0	38000	3740	33213	9368	83	0	44900	10800	36452	4207
Fluoride	40.4	38.8	39.5	62.6	None	2	Agricultural	15	0	82	30	45.7	14.9	83	0	48.1	8.7	39.2	6.1
Hardness as CaCO3			28					15	0	95	36	61	13	59	0	774	12	78	99
Nitrate as N, dissolved			<0.2	None	None	10	Human Health	15	14	0.4	0.01	0.13	0.09	59	55	2	0.01	0.14	0.30
Nitrate/Nitrite as N, dissolved			<0.2	None	None	10	Human Health	15	14	0.4	0.01	0.13	0.09	59	55	2	0.01	0.14	0.30
Nitrite as N, dissolved			<0.1	None	None	1	Human Health	15	14	1.12	0.005	0.125	0.277	59	57	0.8	0.005	0.058	0.117
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	83	0	8.6	7.4	8.2	0.2
Phosphorus, dissolved			1.96	None	None	None	None	15	0	3.27	0.09	2.157	0.786	59	0	49	1.5	3.162	6.091
Phosphorus, ortho dissolved			2.1	None	None	None	None	15	1	3.61	0.25	2.152	1.002	59	0	5.7	2.2	2.809	0.558
Total Dissolved Solids	34400	35100	34700	36705	None	None	TDS Water Quality Standards	15	0	34300	19100	32683	3787	83	0	35300	31600	34037	650
Sodium Absorption Ratio in H2O			1190	None	None	None	None	15	0	877.5	578	757.10	77.03	59	0	1950	5.08	795.90	256.53
Sulfate	<20	<20	<20	None	None	250	Secondary Drinking	15	4	190	50	85	36	83	25	4630	0.5	104	504
Sulfide as S			<0.3	None	None	None	None	15	7	1.8	0.01	0.28	0.46	59	12	1.5	0.03	0.36	0.34
TDS (calc)	33000	32700	34600					15	0	33400	19800	31320	3253	83	0	39600	20500	33438	1828
TDS ratio	1.04	1.07	1					14	0	1.11	0.96	1.04	0.04	83	0	1.68	0.86	1.022	0.08
Temperature	17.2	17.8	13.5					15	0	18	8.4	12.6	2.7	83	0	17.8	5.9	12.0	2.5
Gross Alpha Result (pCi/L)			66	None	None	15	Human Health	15	0	670	0	182.2	220.3	59	6	468	-110	85.1	116.0
Gross Alpha Error (pCi/L)			140					15	0	490	3.5	197.9	115.0	59	0	415	81	175.1	64.5
Alpha Minimum Detectable Activity (pCi/L)			190					15	0	290	3.2	150.3	62.7	59	0	280	100	169.2	47.9
Gross Beta Result (pCi/L)			-230					15	0	350	0	105.6	122.1	59	4	571	-382	111.2	147.4
Gross Beta Error (pCi/L)			250					15	0	330	3	159.6	75.7	59	0	340	120	197.6	65.0
Beta Minimum Detectable Activity (pCi/L)			390					15	0	440	4.5	212.6	97.7	59	0	430	150	274.7	90.8

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A symbol "<" before a number indicates that the value is not detected. The number following "<" is the analytical limit of detection based upon the method and the sample matrix.
Analyte concentrations reported below the detection limit are set equal to one half the detection limit for all statistical calculations.

AMERICAN SODA OPERATIONAL PHASE 1
DATA SUMMARY GROUND WATER WELL 21-4B
JULY 1, 1999 - DECEMBER 31, 2012

Well ID	21-4B	21-4B	21-4B	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/3/2012	9/11/2012	11/28/2012	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
Aluminum, dissolved			<0.6	None	None	5.0	Agricultural	15	13	1.9	0.15	0.510	0.462	60	52	2.4	0.015	0.520	0.516
Antimony, dissolved			<0.008	None	None	0.006	Human Health	15	6	0.021	0.0025	0.008	0.006	60	56	0.03	0.002	0.00543	0.004
Arsenic, dissolved			0.021	None	None	0.05	Human Health	15	2	0.49	0.015	0.115	0.114	60	8	0.1	0.005	0.040	0.017
Barium, dissolved			2.79	None	None	2	Human Health	15	0	4.41	0.09	1.536	1.060	60	1	3.27	0.03	2.06	0.47
Beryllium, dissolved			<0.001	None	None	0.004	Human Health	15	14	0.01	0.001	0.0034	0.0023	60	60	0.005	0.001	0.0025	0.0008
Boron, dissolved	6.5	6.5	6.9	None	8.27	0.75	Agricultural	15	0	7.4	0.21	6.177	1.944	84	0	10.9	0.3	6.59	0.985
Cadmium, dissolved			0.006	None	None	0.005	Human Health	15	2	0.04	0.0025	0.0145	0.0121	60	48	0.014	0.0025	0.0037	0.0028
Calcium, dissolved	10	10	9	None	None	None	None	15	9	7	1	3.4	2.1	84	2	629	2	23.7	82.3
Chromium, dissolved			<0.01	None	None	0.1	Human Health	15	2	0.484	0.0025	0.133	0.129	60	15	2.03	0.001	0.092	0.273
Cobalt, dissolved			0.001	None	None	0.05	Agricultural	15	12	0.0061	0.0005	0.002	0.001	60	54	0.024	0.0005	0.002	0.00350
Copper, dissolved			<0.01	None	None	0.2	Agricultural	15	5	1.17	0.0125	0.140	0.294	60	49	0.17	0.005	0.026	0.034
Iron, dissolved	0.5	0.5	0.8	None	None	0.3	Secondary Drinking Water	15	3	1.9	0.06	0.481	0.485	84	6	4.3	0.1	0.634	0.535
Lead, dissolved			<0.002	None	None	0.05	Human Health	15	10	0.02	0.002	0.005	0.005	60	49	0.02	0.001	0.004	0.005
Lithium, dissolved	1.5	1.5	1.5	None	3.32	2.5	Agricultural	15	0	2.1	0.1	1.407	0.483	84	1	2.8	0.2	1.607	0.280
Magnesium, dissolved	10	12	9	None	None	None	None	15	7	17	0.5	6.0	4.5	84	3	30	2	13.2	4.5
Manganese, dissolved			0.01	None	None	0.05	Secondary Drinking Water	15	7	0.0295	0.0025	0.010	0.009	60	11	0.189	0.0025	0.016	0.030
Mercury, dissolved			<0.001	None	None	0.002	Human Health	15	15	0.005	0.0001	0.0008	0.0012	60	59	0.005	0.0001	0.001	0.002
Molybdenum, dissolved			0.2	None	None	None	None	15	0	4.65	0.02	1.468	1.116	60	0	0.907	0.17	0.359	0.119
Nickel, dissolved			<0.01	None	None	0.1	Human Health	15	2	0.03	0.005	0.017	0.009	60	8	1.35	0.005	0.0448	0.1721
Potassium, dissolved	29	28	29	None	58.58	None	None	15	0	52	11	33.0	9.0	84	2	49	3	28.6	6.4
Selenium, dissolved			<0.001	None	None	0.02	Agricultural	15	14	0.009	0.0005	0.003	0.002	60	58	0.03	0.0005	0.008	0.011
Silica, dissolved	40	42	46	None	89.21	None	None	15	0	165	13	76.5	34.3	84	0	80	17	46.4	7.8
Silver, dissolved			<0.001	None	None	0.05	Human Health	15	13	0.0025	0.0005	0.0016	0.0006	60	54	0.006	0.0005	0.00168	0.001
Sodium, dissolved	14200	13500	13900	None	16766	None	None	15	0	14700	1340	12416.0	3739.8	84	0	17500	12100	14054	799
Strontium, dissolved			1.1	None	None	None	None	15	0	1.7	0.3	0.613	0.334	60	0	3.1	0.6	0.97	0.32
Thallium, dissolved			<0.002	None	None	0.002	Human Health	15	14	0.004	0.0005	0.0017	0.0010	60	47	0.028	0.0005	0.00393	0.0061
Uranium, dissolved			0.002	None	None	None	None	15	2	0.025	0.0015	0.0140	0.0059	60	11	0.014	0.001	0.00520	0.003
Vanadium, dissolved			<0.1	None	None	0.1	Agricultural	15	2	4.1	0.005	0.5487	0.9916	60	4	0.6	0.05	0.275	0.123
Zinc, dissolved			<0.04	None	None	2	Agricultural	15	9	0.5	0.0325	0.147	0.155	60	57	0.3	0.02	0.05	0.04
Bicarb as CaCO3	27900	28800	31500	None	None	None	None	15	1	27700	10	21167	7342	84	0	35800	24700	29442	1708
Carbonate as CaCO3	2590	1280	1080	None	None	None	None	15	1	10300	100	4219	3009	84	18	4000	1	1245	972
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	14	2000	1	180	506	84	84	1	1	1	0
Total Alkalinity	30500	30100	32600	None	37526	None	None	15	0	31000	2360	25537	7663	84	0	36200	18900	30606	1828

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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 21-4B CONTINUED
JULY 1, 1999 - DECEMBER 31, 2012

Well ID	21-4B	21-4B	21-4B	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/3/2012	9/11/2012	11/28/2012	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
Bromide			<1	None	None	None	None	15	15	5	0.05	2.30	1.85	60	58	10	0.05	1.12	1.50
Carbon, dissolved organic			<20	None	None	None	None	15	0	44	2	25.2	10.4	60	15	1220	16	179.3	257.6
Cation-Anion Balance %	-1.3	-3	-5.1					15	7	3.9	-4.7	0.0	3.0	84	58	8.8	-9.9	-2.0	3.6
Sum of Anions meq/L	644	633	680					14	0	653	64	544.57	165.17	84	0	756	577	647.30	28.61
Sum of Cations meq/L	627	596	614					14	0	648	59.5	546.54	170.80	84	0	6010	535	692.94	590.04
Chloride	1150	1050	940	None	None	250	Secondary Drinking Water	15	0	1210	530	991	190	84	0	1160	790	996	63
Cond @ 25C (umhos/cm)	38500	36900	35600	None	46948	None	None	15	0	38900	10400	33547	8067	84	0	40600	2238.5	35569	6058
Fluoride	38	37.1	41	None	47.22	2	Agricultural	15	0	40	9	33.5	8.2	84	0	43.9	7.1	37.1	4.4
Hardness as CaCO3			60					9	0	87	13	42	23	60	0	1700	25	133	253
Nitrate as N, dissolved			<0.02	None	None	10	Human Health	15	13	0.9	0.1	0.22	0.21	60	55	1.2	0.01	0.11	0.18
Nitrate/Nitrite as N, dissolved			<0.02	None	None	10	Human Health	15	13	0.9	0.1	0.22	0.21	60	54	1.2	0.01	0.12	0.20
Nitrite as N, dissolved			0.02	None	None	1	Human Health	15	14	0.14	0.05	0.076	0.030	60	55	0.35	0.005	0.043	0.045
pH (units)	8.5	8.6	8.4	None	None	6.5 - 8.5	Secondary Drinking	15	0	12.2	8.1	8.9	0.9	84	0	8.7	7.7	8.4	0.2
Phosphorus, dissolved			2.27	None	None	None	None	15	0	5	0.3	3.403	1.542	60	0	13.7	1.1	2.672	1.563
Phosphorus, ortho dissolved			2.2	None	None	None	None	15	1	5.06	0.05	3.382	1.723	60	0	8.7	0.7	2.783	1.045
Total Dissolved Solids	35100	31200	32400	None	37344	None	TDS Water Quality Standards	15	0	35300	3160	30781	9217	84	0	36400	18800	34105	1877
Sodium Absorption Ratio in H2O			794	None	None	None	None	15	6	1770	0.015	590.47	582.75	60	0	1280	144	653.01	136.67
Sulfate	<20	<20	<50	None	None	250	Secondary Drinking	15	1	600	50	190	126	84	19	4670	2.5	148	601
Sulfide as S			<0.2	None	None	None	None	15	6	1.6	0.1	0.33	0.39	60	33	1.4	0.01	0.12	0.20
TDS (calc)	33800	32700	34500					15	0	36300	4340	30803	8993	84	0	40100	31800	34249	1400
TDS ratio	1.04	0.95	0.94					14	0	1.06	0.73	0.99	0.08	84	0	1.09	0.54	0.997	0.06
Temperature	15.9	12.3	11.2					15	0	17.7	10.1	12.9	2.2	84	0	19.4	7.6	12.2	2.4
Gross Alpha Result (pCi/L)			-32	None	None	15	Human Health	15	1	1600	-170	176.4	443.2	59	3	611	-328	59.0	129.0
Gross Alpha Error (pCi/L)			80					15	0	570	2.2	185.7	135.7	59	0	400	0	153.6	63.7
Alpha Minimum Detectable Activity (pCi/L)			110					15	0	280	2.6	144.2	71.7	59	0	300	0	154.3	58.3
Gross Beta Result (pCi/L)			61					15	0	1100	1.8	204.8	271.9	59	5	620	-392	93.8	137.2
Gross Beta Error (pCi/L)			130					15	0	360	3	158.5	92.3	59	0	350	0	180.7	72.2
Beta Minimum Detectable Activity (pCi/L)			200					15	0	440	4.1	213.3	121.9	59	0	440	0	252.2	103.4

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

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

Well ID	29-4B	29-4B	29-4B	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS AUGUST 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/12/2012	9/24/2012	12/12/2012	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
Aluminum, dissolved			<0.06	None	None	5.0	Agricultural	14	8	0.16	0.03	0.064	0.043	59	50	0.36	0.015	0.055	0.059
Antimony, dissolved			<0.0008	None	None	0.006	Human Health	14	13	0.005	0.0001	0.002	0.002	59	58	0.01	0.0002	0.00427	0.002
Arsenic, dissolved			<0.0004	None	None	0.05	Human Health	14	11	0.025	0.00125	0.008	0.008	59	58	0.035	0.0005	0.011	0.007
Barium, dissolved			3.25	None	None	2	Human Health	14	0	3.26	0.775	2.824	0.634	59	0	3.37	2.04	2.93	0.29
Beryllium, dissolved			<0.001	None	None	0.004	Human Health	14	7	0.005	0.0004	0.0016	0.0013	59	52	0.005	0.00025	0.0022	0.0009
Boron, dissolved	1	0.88	0.99	None	None	0.75	Agricultural	14	0	1.03	0.36	0.898	0.171	83	0	1.78	0.63	0.94	0.129
Cadmium, dissolved			0.003	None	None	0.005	Human Health	14	2	0.035	0.0009	0.0096	0.0088	59	46	0.0195	0.0005	0.0032	0.0025
Calcium, dissolved	10	9	9.4	None	None	None	None	14	0	10.4	6.1	8.9	1.1	83	0	140	5	10.8	14.4
Chromium, dissolved			<0.001	None	None	0.1	Human Health	14	4	0.157	0.00025	0.014	0.041	59	42	0.018	0.0001	0.004	0.003
Cobalt, dissolved			<0.001	None	None	0.05	Agricultural	14	11	0.0028	0.0001	0.001	0.001	59	49	0.006	0.0001	0.002	0.00090
Copper, dissolved			<0.001	None	None	0.2	Agricultural	14	8	1.04	0.00125	0.113	0.285	59	56	0.15	0.0005	0.0161	0.019
Iron, dissolved	<0.1	0.04	0.07	None	None	0.3	Secondary Drinking Water	14	1	0.15	0.025	0.082	0.034	83	8	8.96	0.01	0.283	1.200
Lead, dissolved			<0.0002	None	None	0.05	Human Health	14	9	0.005	0.00025	0.001	0.001	59	50	0.012	0.0001	0.00277	0.002
Lithium, dissolved	0.3	0.3	0.31	None	None	2.5	Agricultural	14	0	0.37	0.04	0.293	0.081	83	0	0.41	0.07	0.316	0.043
Magnesium, dissolved	4	3.7	3.7	None	None	None	None	14	0	4.3	3	3.7	0.4	83	0	139	2	5.1	14.9
Manganese, dissolved			<0.01	None	None	0.05	Secondary Drinking Water	14	6	0.165	0.00025	0.026	0.056	59	39	0.072	0.0005	0.005	0.010
Mercury, dissolved			<0.0002	None	None	0.002	Human Health	14	14	0.001	0.0001	0.0005	0.0002	59	58	0.02	0.0001	0.001	0.003
Molybdenum, dissolved			<0.001	None	None	None	None	14	7	0.009	0.0005	0.002	0.002	59	56	0.015	0.00025	0.0027	0.002
Nickel, dissolved			<0.001	None	None	0.1	Human Health	14	7	0.09	0.001	0.009	0.023	59	52	0.03	0.0005	0.0056	0.0045
Potassium, dissolved	4	2.7	2.4	None	None	None	None	14	0	3	1.4	2.4	0.4	83	0	9.2	1.6	2.6	1.0
Selenium, dissolved			<0.001	None	None	0.02	Agricultural	14	14	0.003	0.0005	0.002	0.001	59	58	0.03	0.0005	0.006	0.010
Silica, dissolved	18	16.1	16.7	None	None	None	None	14	0	18.9	13.8	16.1	1.4	83	0	34	10.1	16.3	2.4
Silver, dissolved			0.0006	None	None	0.05	Human Health	14	5	0.0025	0.00015	0.0014	0.0006	59	50	0.006	0.00025	0.00159	0.001
Sodium, dissolved	1640	1490	1490	None	None	None	None	14	0	1650	635	1462.9	252.2	83	0	1770	1230	1498	89
Strontium, dissolved			2.53	None	None	None	None	14	0	2.74	1.51	2.312	0.305	59	0	6.49	1.63	2.34	0.59
Thallium, dissolved			<0.0002	None	None	0.002	Human Health	14	14	0.0025	0.00005	0.0006	0.0008	59	46	0.024	0.0001	0.0035	0.0050
Uranium, dissolved			<0.0002	None	None	None	None	14	11	0.0025	0.00005	0.0006	0.0007	59	58	0.0025	0.0001	0.0013	0.0005
Vanadium, dissolved			<0.01	None	None	0.1	Agricultural	14	13	0.015	0.0025	0.0059	0.0030	59	53	0.02	0.0025	0.006	0.004
Zinc, dissolved			<0.004	None	None	2	Agricultural	14	8	0.1	0.005	0.034	0.032	59	56	0.6	0.002	0.05	0.07
Bicarb as CaCO3	3350	3050	3580	None	None	None	None	14	0	3620	1250	3049	553	83	0	3990	2740	3229	195
Carbonate as CaCO3	139	173	39	None	None	None	None	14	12	281	1	41	78	83	61	419	1	42	86
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	14	14	100	1	18	35	83	83	1	1	1	0
Total Alkalinity	3490	3220	3620	None	None	None	None	14	0	3620	1300	2994	574	83	0	3990	2740	3267	187

* Sample Type = Primary (one sample is represented), = Average (duplicate samples are averaged). ** Constituents reported in mg/l unless otherwise noted.
A symbol "<" before a number indicates that the value is not detected. The number following "<" is the analytical limit of detection based upon the method and the sample matrix.
Analyte concentrations reported below the detection limit are set equal to one half the detection limit for all statistical calculations.

AMERICAN SODA OPERATIONAL PHASE 1
DATA SUMMARY GROUND WATER WELL 29-4B CONTINUED
AUGUST 1, 1999 - DECEMBER 31, 2012

Well ID	29-4B	29-4B	29-4B	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS AUGUST 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/12/2012	9/24/2012	12/12/2012	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
Bromide			<1	None	None	None	None	14	13	0.5	0.05	0.28	0.19	59	59	2.5	0.025	0.41	0.33
Carbon, dissolved organic			<10	None	None	None	None	14	1	12	4.3	6.2	1.9	59	10	410	1	29.6	56.3
Cation-Anion Balance %	-1.5	-3	-8					14	8	2.9	-6.8	-0.9	3.0	83	63	10.7	-21.7	-2.5	4.1
Sum of Anions meq/L	75.4	70.5	78					14	0	77.7	27.6	66.60	11.77	83	0	85	60	70.55	3.80
Sum of Cations meq/L	73.1	66.4	66.5					14	0	73.6	28.6	65.25	11.17	83	0	78.8	54.7	66.99	4.10
Chloride	148	160	146	None	None	250	Secondary Drinking Water	14	0	170	19	130	34	83	0	160	110	130	10
Cond @ 25C (umhos/cm)	5350	5620	5640	None	None	None	None	14	0	5910	2170	5191	892	83	0	6020	3050	5323	433
Fluoride	28.2	29.8	28.2	None	None	2	Agricultural	14	0	33	17	28.1	3.7	83	0	34.2	22.9	29.0	2.0
Hardness as CaCO3			39					14	0	44	30	37	4	59	0	921	28	52	115
Nitrate as N, dissolved			<0.02	None	None	10	Human Health	14	13	0.2	0.01	0.09	0.06	59	56	0.1	0.01	0.04	0.04
Nitrate/Nitrite as N, dissolved			<0.02	None	None	10	Human Health	14	13	0.2	0.01	0.09	0.06	59	56	0.1	0.01	0.04	0.04
Nitrite as N, dissolved			<0.01	None	None	1	Human Health	14	14	0.1	0.005	0.041	0.032	59	59	0.05	0.005	0.018	0.019
pH (units)	8.4	8.5	8.6	None	None	6.5 - 8.5	Secondary Drinking	14	0	8.4	7.4	7.9	0.3	83	0	8.7	7.1	8.2	0.3
Phosphorus, dissolved			0.11	None	None	None	None	14	0	0.2	0.02	0.118	0.051	59	0	0.26	0.04	0.096	0.036
Phosphorus, ortho dissolved			0.11	None	None	None	None	14	4	0.79	0.015	0.152	0.197	59	5	0.6	0.02	0.096	0.077
Total Dissolved Solids	3860	3760	3830	None	None	4439	TDS Water Quality Standards	14	0	4000	1490	3551	603	83	0	4070	2950	3710	111
Sodium Absorption Ratio in H2O			105	None	None	None	None	14	0	122	51.4	105.39	16.30	59	0	127	19.6	106.41	13.63
Sulfate	<10	<10	<10	None	None	250	Secondary Drinking	14	12	10	5	6	2	83	75	25	0.5	5	4
Sulfide as S			0.03	None	None	None	None	14	7	1	0.01	0.16	0.25	59	10	0.24	0.01	0.07	0.04
TDS (calc)	3950	3640	3870					14	0	3920	1510	3509	598	83	0	4080	3345	3669	153
TDS ratio	0.98	1.03	0.99					14	0	1.11	0.93	1.01	0.04	83	0	1.095	0.81	1.012	0.04
Temperature	14.6	15.3	9.7					13	0	16.6	8.7	12.1	2.6	83	0	20.7	7	12.5	2.5
Gross Alpha Result (pCi/L)			83	None	None	15	Human Health	14	1	48	-11.55	15.7	18.2	59	4	81.8	-19.1	15.1	17.9
Gross Alpha Error (pCi/L)			29					14	0	37	9.9	23.2	7.3	59	0	44	9.1	21.0	6.7
Alpha Minimum Detectable Activity (pCi/L)			16					14	0	24	8	18.6	3.9	59	0	34	11	18.8	4.5
Gross Beta Result (pCi/L)			66					14	1	50	-12.3	12.8	15.9	59	7	67.2	-22.8	10.4	16.2
Gross Beta Error (pCi/L)			21					14	0	28	10	19.3	4.2	59	0	41	14	21.6	4.9
Beta Minimum Detectable Activity (pCi/L)			27					14	0	30	11	26.2	5.2	59	0	59	20	29.8	6.2

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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 - DECEMBER 31, 2012

Well ID	20-9	20-9	20-9	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/25/2012	9/19/2012	12/3/2012	Protection	Warning	Standard													
Sample Type*	Average	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
Aluminum, dissolved			<0.2	None	None	5.0	Agricultural	15	12	0.1	0.05	0.092	0.016	60	53	0.4	0.01	0.112	0.058
Antimony, dissolved			<0.002	None	None	0.006	Human Health	15	13	0.007	0.00015	0.002	0.002	60	56	0.044	0.0002	0.00279	0.0056
Arsenic, dissolved			<0.001	None	None	0.05	Human Health	15	12	0.038	0.00125	0.010	0.011	60	60	0.005	0.0005	0.004	0.002
Barium, dissolved			4.13	None	None	2	Human Health	15	0	4.13	3.275	3.677	0.188	60	0	4.35	3.29	3.86	0.22
Beryllium, dissolved			<0.0003	None	None	0.004	Human Health	15	12	0.005	0.0005	0.0012	0.0012	60	58	0.0025	0.00025	0.0010	0.0004
Boron, dissolved	1.61	1.47	1.59	None	2.08	0.75	Agricultural	15	0	1.74	1.43	1.567	0.077	84	0	1.73	0.74	1.47	0.119
Cadmium, dissolved			0.0044	None	None	0.005	Human Health	15	2	0.02	0.001	0.0086	0.0057	60	14	0.013	0.001	0.0038	0.0027
Calcium, dissolved	12	11	10	None	None	None	None	15	0	11	10	10.4	0.5	84	0	12	7.3	9.5	1.0
Chromium, dissolved			<0.003	None	None	0.1	Human Health	15	1	0.0325	0.001	0.015	0.010	60	24	0.017	0.00025	0.004	0.004
Cobalt, dissolved			<0.0003	None	None	0.05	Agricultural	15	13	0.0025	0.00015	0.001	0.001	60	57	0.0011	0.00015	0.0005	0.00017
Copper, dissolved			<0.003	None	None	0.2	Agricultural	15	9	0.26	0.00125	0.036	0.070	60	57	0.025	0.0015	0.0054	0.004
Iron, dissolved	0.8	0.2	0.3	None	None	0.3	Secondary Drinking Water	15	0	0.69	0.06	0.216	0.178	84	10	0.8	0.025	0.188	0.148
Lead, dissolved			<0.0005	None	None	0.05	Human Health	15	13	0.006	0.00025	0.001	0.002	60	49	0.013	0.00025	0.00155	0.0019
Lithium, dissolved	0.6	0.6	0.6	None	2.5	2.5	Agricultural	15	0	0.62	0.5	0.593	0.027	84	0	0.7	0.5	0.591	0.049
Magnesium, dissolved	5	5	4	None	None	None	None	15	0	6	4	4.9	0.5	84	0	6	2	4.0	0.6
Manganese, dissolved			0.007	None	None	0.05	Secondary Drinking Water	15	0	0.0825	0.01	0.028	0.022	60	2	0.046	0.001	0.011	0.006
Mercury, dissolved			<0.0002	None	None	0.002	Human Health	15	14	0.0005	0.0001	0.0003	0.0002	60	60	0.005	0.0001	0.001	0.002
Molybdenum, dissolved			<0.003	None	None	None	None	15	6	0.005	0.0005	0.002	0.002	60	47	0.055	0.00025	0.00281	0.007
Nickel, dissolved			<0.003	None	None	0.1	Human Health	15	10	0.33	0.001	0.025	0.084	60	57	0.059	0.001	0.0030	0.0074
Potassium, dissolved	7	5	5	None	9.26	None	None	15	0	6.5	4	5.3	0.6	84	0	7	3.7	4.8	0.7
Selenium, dissolved			<0.001	None	None	0.02	Agricultural	15	15	0.003	0.0005	0.002	0.001	60	60	0.03	0.0005	0.006	0.010
Silica, dissolved	19	19	20	None	21.98	None	None	15	0	19	16.3	17.5	0.8	84	0	23	16	18.8	1.4
Silver, dissolved			0.0004	None	None	0.05	Human Health	15	3	0.003	0.00025	0.0017	0.0007	60	42	0.006	0.00015	0.00083	0.001
Sodium, dissolved	2885	2360	2370	None	2947	None	None	15	0	2550	2190	2326.7	112.7	84	0	2885	1940	2239	149
Strontium, dissolved			2.92	None	None	None	None	15	0	2.99	2.5	2.745	0.110	60	0	3.15	2.35	2.77	0.16
Thallium, dissolved			<0.0005	None	None	0.002	Human Health	15	14	0.0025	0.00015	0.0006	0.0006	60	44	0.084	0.00015	0.0029	0.0110
Uranium, dissolved			<0.0005	None	None	None	None	15	15	0.0025	0.00015	0.0006	0.0006	60	59	0.25025	0.00015	0.0047	0.032
Vanadium, dissolved			<0.03	None	None	0.1	Agricultural	15	15	0.015	0.0025	0.0125	0.0048	60	58	0.03	0.0025	0.015	0.004
Zinc, dissolved			<0.01	None	None	2	Agricultural	15	7	0.4	0.005	0.083	0.117	60	58	0.04	0.005	0.02	0.01
Bicarb as CaCO3	6300	5310	5690	None	None	None	None	15	0	5100	4160	4742	283	84	0	6300	3680	4698	391
Carbonate as CaCO3	<2	<2	229	None	None	None	None	15	13	536	1	66	142	84	61	298	1	33	64
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	23	40	84	84	1	1	1	0
Total Alkalinity	6300	5310	5920	None	6138	None	None	15	0	5100	4160	4792	283	84	0	6300	3680	4730	385

* 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 OPERATIONAL PHASE 1
DATA SUMMARY GROUND WATER WELL 20-9 CONTINUED
JULY 1, 1999 - DECEMBER 31, 2012

Well ID	20-9	20-9	20-9	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/25/2012	9/19/2012	12/3/2012	Protection	Warning	Standard													
Sample Type*	Average	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
Bromide			<0.5	None	None	None	None	14	14	5	0.05	1.07	1.69	60	59	2.5	0.05	0.41	0.33
Carbon, dissolved organic			48	None	None	None	None	15	0	20	7	13.2	3.7	60	3	260	1.5	43.5	42.9
Cation-Anion Balance %	-3.6	-5.2	-9.9					15	11	5.4	-8.8	-2.1	4.2	84	69	7.8	-17.8	-2.7	3.2
Sum of Anions meq/L	138	117	128					15	0	124	93.1	108.07	6.65	84	0	142	82.9	105.20	9.37
Sum of Cations meq/L	129	105	105.0					15	0	113	97.4	103.52	4.86	84	0	129	86.3	99.50	6.62
Chloride	370	330	307	None	None	250	Secondary Drinking Water	15	0	390	270	321	35	84	0	430	29	308	60
Cond @ 25C (umhos/cm)	9200	9115	8710	None	10057	None	None	15	0	8820	7700	8298	362	84	0	9200	3410	7792	779
Fluoride	26.6	27.2	25.4	None	45.72	2	Agricultural	15	0	34	23.4	27.0	2.7	84	0	48	16.5	26.1	3.5
Hardness as CaCO3			41					15	0	50	41	46	2	60	0	52	31	40	3
Nitrate as N, dissolved			<0.02	None	None	10	Human Health	15	13	0.2	0.01	0.08	0.05	60	56	0.13	0.01	0.04	0.04
Nitrate/Nitrite as N, dissolved			<0.02	None	None	10	Human Health	15	13	0.2	0.01	0.08	0.05	60	56	0.13	0.01	0.04	0.04
Nitrite as N, dissolved			<0.01	None	None	1	Human Health	15	15	0.1	0.005	0.037	0.027	60	59	0.05	0.005	0.018	0.018
pH (units)	8.4	8.3	8.4	None	None	6.5 - 8.5	Secondary Drinking	15	0	8.6	7.7	8.0	0.3	84	0	8.9	7.6	8.3	0.2
Phosphorus, dissolved			0.15	None	None	None	None	15	1	0.25	0.02	0.148	0.072	60	2	0.87	0.05	0.190	0.148
Phosphorus, ortho dissolved			0.2	None	None	None	None	15	4	0.25	0.0025	0.169	0.071	60	1	0.33	0.025	0.180	0.051
Total Dissolved Solids	7625	5895	5830	None	6793	7125	TDS Water Quality Standards	15	0	6020	5320	5700	212	84	0	7625	5030	5518	348
Sodium Absorption Ratio in H2O			162	None	None	None	None	15	0	165	140	151.17	7.03	60	0	177	137	156.26	9.45
Sulfate	<10	<10	<10	None	None	250	Secondary Drinking	15	14	800	5	64	204	84	73	220	0.5	11	29
Sulfide as S			0.28	None	None	None	None	15	3	0.9	0.06	0.30	0.26	60	1	1.06	0.03	0.40	0.25
TDS (calc)	7105	5950	6300					15	0	6450	5180	5681	278	84	0	7105	4730	5484	409
TDS ratio	1.07	0.99	0.93					15	0	1.13	0.87	1.01	0.06	84	0	1.1	0.82	1.008	0.04
Temperature	19.4	14.4	11					15	0	15	9.2	12.5	1.6	83	0	19.4	7.3	12.8	2.6
Gross Alpha Result (pCi/L)			25	None	None	15	Human Health	15	2	53	-33	8.8	22.5	60	2	136	-21	23.0	24.5
Gross Alpha Error (pCi/L)			26					15	0	62	24	38.3	9.9	60	1	83	-22	30.0	12.7
Alpha Minimum Detectable Activity (pCi/L)			27					15	0	40	20	30.2	4.6	60	1	33	-19	24.5	7.9
Gross Beta Result (pCi/L)			52.0					15	2	60	-15	10.9	21.0	60	7	83.3	-21.3	16.1	19.0
Gross Beta Error (pCi/L)			30					15	0	36	20	29.9	4.2	60	0	40	14	30.0	4.7
Beta Minimum Detectable Activity (pCi/L)			39					15	0	46	29	40.7	4.5	60	0	49	3	40.3	6.8

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

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

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

AMERICAN SODA INTERIM STATUS

DATA SUMMARY GROUND WATER WELL 20-4B

JULY 1, 1999 - DECEMBER 31, 2012

Well ID	20-4B	20-4B	20-4B	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/25/2012	9/25/2012	12/2/2012	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
Aluminum, dissolved			0.03	None	None	5.0	Agricultural	14	2	2	0.015	0.342	0.585	60	22	0.22	0.015	0.053	0.047
Antimony, dissolved			<0.0004	None	None	0.006	Human Health	14	11	0.0025	0.00005	0.001	0.001	60	55	0.023	-0.0004	0.00225	0.003
Arsenic, dissolved			<0.0002	None	None	0.05	Human Health	14	11	0.0053	0.00025	0.002	0.002	60	60	0.015	-0.0005	0.0030	0.003
Barium, dissolved			0.76	None	None	2	Human Health	14	0	3.14	0.431	0.900	0.703	60	0	0.904	0.658	0.78	0.04
Beryllium, dissolved			<0.00005	None	None	0.004	Human Health	14	9	0.10675	0.00005	0.0083	0.0283	60	59	0.227	-0.0001	0.0046	0.0292
Boron, dissolved	0.31	0.32	0.34	None	0.75	0.75	Agricultural	14	0	0.96	0.32	0.400	0.164	84	0	0.38	0.29	0.33	0.018
Cadmium, dissolved			<0.0001	None	None	0.005	Human Health	14	8	0.006	0.0001	0.0011	0.0017	60	56	0.005	0.00005	0.0008	0.0008
Calcium, dissolved	4.3	4.4	4.6	None	None	None	None	14	0	15.2	4.8	7.5	3.0	84	0	5.5	4.25	4.7	0.3
Chromium, dissolved			<0.0005	None	None	0.1	Human Health	14	5	0.01	0.0001	0.003	0.003	60	37	0.623	-0.0001	0.015	0.084
Cobalt, dissolved			0.00128	None	None	0.05	Agricultural	14	7	0.0028	0.00015	0.001	0.001	60	47	0.006	0.00011	0.00066	0.00097
Copper, dissolved			<0.0005	None	None	0.2	Agricultural	14	7	0.287	0.0005	0.033	0.079	60	52	0.035	-0.0005	0.0054	0.006
Iron, dissolved	<0.02	<0.02	0.03	None	None	0.3	Secondary Drinking Water	14	0	1.45	0.03	0.255	0.456	84	7	0.1	-0.02	0.042	0.022
Lead, dissolved			0.0002	None	None	0.05	Human Health	14	9	0.0062	0.0002	0.001	0.002	60	50	0.014	-0.0001	0.00142	0.002
Lithium, dissolved	0.05	0.05	0.05	None	2.5	2.5	Agricultural	14	1	0.35	0.02	0.064	0.083	84	1	0.6	0.02	0.058	0.060
Magnesium, dissolved	2.6	2.6	2.7	None	None	None	None	14	0	6.4	2.8	3.9	1.2	84	0	3.2	2.1	2.7	0.2
Manganese, dissolved			0.0033	None	None	0.05	Secondary Drinking Water	14	0	0.134	0.007	0.033	0.034	60	8	0.072	0.0005	0.005	0.010
Mercury, dissolved			<0.0002	None	None	0.002	Human Health	14	14	0.0005	0.0001	0.0004	0.0002	60	60	0.005	-0.0002	0.001	0.002
Molybdenum, dissolved			<0.0005	None	None	None	None	14	3	0.01	0.0003	0.002	0.003	60	49	0.015	-0.0005	0.00164	0.002
Nickel, dissolved			<0.0006	None	None	0.1	Human Health	14	4	0.012	0.0006	0.004	0.004	60	55	0.263	-0.0006	0.0083	0.0369
Potassium, dissolved	1.2	1.1	1	None	5.51	None	None	14	0	3.1	1.1	1.6	0.6	84	0	3.3	0.8	1.1	0.3
Selenium, dissolved			<0.001	None	None	0.02	Agricultural	14	14	0.003	0.0005	0.003	0.001	60	60	0.03	-0.001	0.006	0.011
Silica, dissolved	14.2	13.7	15	None	33.95	None	None	14	0	32.3	13.7	17.0	5.0	84	0	17	13.5	14.9	0.7
Silver, dissolved			<0.00005	None	None	0.05	Human Health	14	11	0.001	2.5E-05	0.0003	0.0003	60	57	0.0025	-0.001	0.00043	0.001
Sodium, dissolved	520	519	528	None	844	None	None	14	0	1530	529	666.3	251.9	84	0	631	459	537	33
Strontium, dissolved			1.45	None	None	None	None	14	0	2.52	0.82	1.356	0.384	60	0	1.69	1.31	1.46	0.07
Thallium, dissolved			<0.0001	None	None	0.002	Human Health	14	14	0.0005	2.5E-05	0.0002	0.0001	60	50	0.016	-0.002	0.00116	0.0025
Uranium, dissolved			<0.0001	None	None	None	None	14	6	0.0062	0.00015	0.0015	0.0021	60	59	0.0025	-0.0001	0.00047	0.001
Vanadium, dissolved			<0.005	None	None	0.1	Agricultural	14	14	0.005	0.0025	0.0029	0.0009	60	59	0.006	-0.005	0.002	0.001
Zinc, dissolved			<0.002	None	None	2	Agricultural	14	7	0.115	0.002	0.027	0.031	60	56	0.1	0.001	0.02	0.02
Bicarb as CaCO3	1010	994	1020	None	None	None	None	14	0	3120	1060	1364	517	84	0	1240	629	1055	91
Carbonate as CaCO3	106	115	85	None	None	None	None	14	10	148	1	36	51	84	6	419	1	81	58
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	14	14	10	1	6	5	84	84	1	-2	1	0
Total Alkalinity	1120	1110	1110	None	1807	None	None	14	0	3120	1160	1396	503	84	0	1260	862	1135	75

* 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 OPERATIONAL PHASE 1
DATA SUMMARY GROUND WATER WELL 20-4B CONTINUED
JULY 1, 1999 - DECEMBER 31, 2012

Well ID	20-4B	20-4B	20-4B	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/25/2012	9/25/2012	12/2/2012	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
Bromide			<0.25	None	None	None	None	14	12	0.5	0.05	0.19	0.18	59	55	0.5	0	0.27	0.22
Carbon, dissolved organic			15.3	None	None	None	None	14	0	29	2.8	14.0	8.1	60	6	210	0.5	19.4	28.5
Cation-Anion Balance %	-0.2	-0.1	0.9					14	5	4.3	-12.8	0.0	4.0	84	44	18.7	-25.1	0.3	5.5
Sum of Anions meq/L	23.4	23.4	23.3					14	0	67.6	24.3	30.17	11.02	84	0	42.9	18.3	24.07	2.56
Sum of Cations meq/L	23.3	23.3	23.7					14	0	68.2	24.9	30.14	11.10	84	0	28.3	20.7	24.15	1.46
Chloride	14	16	15	None	None	250	Secondary Drinking Water	14	0	140	15	38	44	84	0	16	10	13	1
Cond @ 25C (umhos/cm)	1920	2035	1970	None	3178	None	None	14	0	5360	2135	2496	838	84	0	2310	8	1998	245
Fluoride	13.9	13.9	14.0	None	35.61	2	Agricultural	14	0	24	13.5	16.1	2.7	84	0	29	2.5	14.6	2.3
Hardness as CaCO3			23					14	0	64	24	35	12	60	0	26	20	23	1
Nitrate as N, dissolved			<0.02	None	None	10	Human Health	14	13	0.2	0.01	0.11	0.07	60	47	0.51	0.01	0.04	0.08
Nitrate/Nitrite as N, dissolved			<0.02	None	None	10	Human Health	14	13	0.23	0.01	0.11	0.07	60	47	0.51	0.01	0.04	0.08
Nitrite as N, dissolved			<0.01	None	None	1	Human Health	14	13	0.1	0.005	0.042	0.031	60	60	0.05	-0.01	0.009	0.013
pH (units)	8.7	8.8	8.6	None	None	6.5 - 8.5	Secondary Drinking	14	0	9.2	7.7	8.2	0.4	84	0	8.9	7.8	8.6	0.2
Phosphorus, dissolved			0.06	None	None	None	None	14	0	0.26	0.02	0.111	0.066	60	0	0.23	0.05	0.078	0.031
Phosphorus, ortho dissolved			0.07	None	None	None	None	14	4	0.27	0.025	0.142	0.076	60	0	0.18	0.04	0.075	0.028
Total Dissolved Solids	1290	1285	1270	None	1955	2018	TDS Water Quality Standards	14	0	3730	1340	1614	615	84	0	1400	890	1301	52
Sodium Absorption Ratio in H2O			48.9	None	None	None	None	14	0	110	29	50.98	18.23	60	0	58.6	42	49.66	2.97
Sulfate	<1	<1	<1	None	None	250	Secondary Drinking	14	6	40	5	17	13	84	80	20	-1	4	3
Sulfide as S			0.02	None	None	None	None	14	2	4	0.1	0.91	1.01	60	5	0.29	0.01	0.08	0.05
TDS (calc)	1240	1235	1250					14	0	3600	1340	1616	579	84	0	2020	1160	1309	97
TDS ratio	1.04	1.04	1.02					14	0	1.05	0.95	1.00	0.03	84	0	1.13	0.64	0.998	0.07
Temperature	13	11.3	11.4					14	0	19.7	9.4	13.0	3.0	84	0	23	7.4	12.7	3.1
Gross Alpha Result (pCi/L)			-6.7	None	None	15	Human Health	14	2	110	-14	17.8	32.5	60	6	75	-11.9	5.9	11.9
Gross Alpha Error (pCi/L)			4.6					14	0	45	5.1	15.7	11.2	60	1	23	-4.3	7.8	4.1
Alpha Minimum Detectable Activity (pCi/L)			7.4					14	0	20	7.3	10.6	4.6	60	1	31	-4.2	6.9	3.9
Gross Beta Result (pCi/L)			2.80					14	2	100	-13	11.5	27.9	60	5	51	-2.59	5.1	8.2
Gross Beta Error (pCi/L)			7.9					14	0	26	6.4	12.0	6.3	60	0	31	3.3	8.2	3.9
Beta Minimum Detectable Activity (pCi/L)			13					14	0	30	10	16.1	7.3	60	0	44	4.1	11.2	5.4

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

AMERICAN SODA OPERATIONAL PHASE 1

DATA SUMMARY GROUND WATER WELL 29-2B

JULY 1, 1999 - DECEMBER 31, 2012

Well ID	29-2B	29-2B	29-2B	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/12/2012	9/24/2012	12/12/2012	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
Aluminum, dissolved			<0.03	None	None	5.0	Agricultural	15	13	0.1	0.015	0.037	0.029	60	53	0.1	0.015	0.025	0.022
Antimony, dissolved			<0.0008	None	None	0.006	Human Health	14	8	0.0039	0.00005	0.001	0.001	60	56	0.0034	0.00005	0.00055	0.0006
Arsenic, dissolved			<0.0004	None	None	0.05	Human Health	15	12	0.017	0.0015	0.005	0.006	60	58	0.015	0.00025	0.001	0.002
Barium, dissolved			0.795	None	None	2	Human Health	15	0	1.43	0.709	0.819	0.191	60	0	0.83	0.607	0.72	0.04
Beryllium, dissolved			<0.001	None	None	0.004	Human Health	14	11	0.0038	0.00005	0.0009	0.0011	60	59	0.116	0.00005	0.0022	0.0149
Boron, dissolved	0.35	0.33	0.32	None	None	0.75	Agricultural	15	0	0.6	0.39	0.461	0.046	84	0	0.48	0.33	0.39	0.036
Cadmium, dissolved			<0.0002	None	None	0.005	Human Health	15	8	0.004	0.0001	0.0012	0.0011	60	52	0.0025	0.00005	0.0003	0.0004
Calcium, dissolved	2.7	2.7	2.9	None	None	None	None	15	0	3.9	2.2	2.8	0.4	84	0	5.2	2	3.1	0.4
Chromium, dissolved			<0.001	None	None	0.1	Human Health	15	2	0.0371	0.00025	0.005	0.009	60	16	0.0333	0.00005	0.002	0.004
Cobalt, dissolved			<0.001	None	None	0.05	Agricultural	15	9	0.00271	0.00015	0.001	0.001	60	22	0.0031	0.00005	0.00050	0.00058
Copper, dissolved			<0.001	None	None	0.2	Agricultural	15	8	0.071	0.0015	0.011	0.018	60	39	0.0245	0.00025	0.0028	0.004
Iron, dissolved	0.09	0.07	0.12	None	None	0.3	Secondary Drinking Water	15	0	0.43	0.09	0.251	0.086	84	1	11.4	0.05	0.303	1.227
Lead, dissolved			<0.0002	None	None	0.05	Human Health	15	3	0.01	0.0005	0.003	0.002	60	3	0.009	0.00025	0.00174	0.001
Lithium, dissolved	0.12	0.12	0.12	None	None	2.5	Agricultural	15	0	0.2	0.1	0.141	0.025	84	1	0.37	0.1	0.174	0.043
Magnesium, dissolved	1.4	1.3	1.2	None	None	None	None	15	0	2	1.1	1.4	0.3	84	0	2	0.8	1.3	0.2
Manganese, dissolved			<0.01	None	None	0.05	Secondary Drinking Water	14	0	0.0876	0.002	0.017	0.021	60	0	0.0876	0.0048	0.012	0.011
Mercury, dissolved			<0.0002	None	None	0.002	Human Health	15	15	0.0005	0.0001	0.0004	0.0002	60	60	0.005	0.0001	0.001	0.002
Molybdenum, dissolved			<0.001	None	None	None	None	15	1	0.01	0.0023	0.004	0.002	60	2	0.004	0.00025	0.00210	0.001
Nickel, dissolved			<0.01	None	None	0.1	Human Health	15	5	0.005	0.001	0.003	0.001	60	6	0.0055	0.0002	0.0028	0.0012
Potassium, dissolved	5.5	5.2	4.8	None	None	None	None	15	0	11.1	2.8	5.8	2.4	84	0	23.1	4.1	12.8	5.0
Selenium, dissolved			<0.001	None	None	0.02	Agricultural	15	14	0.025	0.0005	0.004	0.006	60	56	0.3	0.0005	0.012	0.040
Silica, dissolved	18.2	17.3	16.6	None	None	None	None	15	0	19.1	14	17.5	1.7	84	0	21	16.5	18.4	0.8
Silver, dissolved			<0.001	None	None	0.05	Human Health	15	14	0.00265	2.5E-05	0.0005	0.0008	60	60	0.0015	2.5E-05	0.00015	0.0002
Sodium, dissolved	473	473	448	None	None	None	None	15	0	1490	672	842.8	254.9	84	0	824	419	589	101
Strontium, dissolved			1.08	None	None	None	None	15	0	1.14	0.67	0.885	0.128	60	0	1.35	0.89	1.09	0.10
Thallium, dissolved			<0.0002	None	None	0.002	Human Health	15	13	0.0043	2.5E-05	0.0006	0.0011	60	48	0.0041	2.5E-05	0.0004	0.0008
Uranium, dissolved			<0.0002	None	None	None	None	15	3	0.01	0.00049	0.0020	0.0026	60	11	0.01	0.00005	0.0007	0.0014
Vanadium, dissolved			<0.005	None	None	0.1	Agricultural	15	15	0.005	0.0025	0.0037	0.0013	60	58	0.015	0.0025	0.003	0.002
Zinc, dissolved			<0.004	None	None	2	Agricultural	15	1	0.97	0.03	0.119	0.237	60	11	0.065	0.003	0.02	0.01
Bicarb as CaCO3	886	857	885	None	None	None	None	15	0	2850	1400	1832	412	84	0	1720	803	1127	231
Carbonate as CaCO3	117	112	101	None	None	None	None	15	3	221	1	89	67	84	3	419	1	143	55
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	10	1	5	5	84	84	1	1	1	0
Total Alkalinity	1000	969	986	None	None	None	None	15	0	2900	1520	1919	382	84	0	1810	950	1270	238

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AMERICAN SODA OPERATIONAL PHASE 1
DATA SUMMARY GROUND WATER WELL 29-2B CONTINUED
JULY 1, 1999 - DECEMBER 31, 2012

Well ID	29-2B	29-2B	29-2B	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/12/2012	9/24/2012	12/12/2012	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
Bromide			<0.1	None	None	None	None	15	10	5	0.05	1.04	1.68	60	55	0.5	0.005	0.32	0.21
Carbon, dissolved organic			16.1	None	None	None	None	15	0	20	6	10.2	3.3	60	1	130	3.5	17.8	17.4
Cation-Anion Balance %	0	1.7	-1.7					15	13	6.8	-19	-8.6	7.3	84	55	10.2	-14.6	-2.4	4.9
Sum of Anions meq/L	21.2	20.5	20.8					15	0	71.7	35.9	44.15	10.65	84	0	40	20.1	28.01	5.74
Sum of Cations meq/L	21.2	21.2	20.1					15	0	66.2	30	37.55	11.25	84	0	37.1	18.9	26.54	4.54
Chloride	19	18	17	None	None	250	Secondary Drinking Water	15	0	450	96	181	111	84	0	330	16	69	48
Cond @ 25C (umhos/cm)	1800	1800	1850	None	None	None	None	15	0	5690	2610	3740	785	84	0	3570	1750	2386	486
Fluoride	11.6	12.2	11.8	None	None	2	Agricultural	15	0	16	11.5	13.3	1.5	84	0	15.8	10.3	12.4	1.0
Hardness as CaCO3			12					15	0	17	10	13	2	60	0	19	11	13	1
Nitrate as N, dissolved			0.02	None	None	10	Human Health	15	13	0.7	0.01	0.14	0.17	60	54	0.24	0.01	0.04	0.04
Nitrate/Nitrite as N, dissolved			0.02	None	None	10	Human Health	15	13	0.7	0.01	0.14	0.17	60	54	0.24	0.01	0.04	0.04
Nitrite as N, dissolved			<0.01	None	None	1	Human Health	15	15	0.1	0.005	0.043	0.030	60	60	0.05	0.005	0.015	0.017
pH (units)	8.7	8.9	8.8	None	None	6.5 - 8.5	Secondary Drinking	15	0	8.8	8.2	8.5	0.1	84	0	9	7.7	8.8	0.2
Phosphorus, dissolved			0.04	None	None	None	None	15	1	0.81	0.005	0.149	0.204	60	1	0.81	0.005	0.066	0.101
Phosphorus, ortho dissolved			0.05	None	None	None	None	15	5	8.9	0.0025	0.664	2.279	60	0	0.188	0.04	0.065	0.029
Total Dissolved Solids	1150	1140	1130	None	None	2654	TDS Water Quality Standards	15	0	3640	1580	2123	588	84	0	3290	1100	1471	318
Sodium Absorption Ratio in H2O			56.5	None	None	None	None	15	0	158	83.9	103.01	24.22	60	0	94.4	51.2	75.39	9.62
Sulfate	<1	<2	<1	None	None	250	Secondary Drinking	15	12	40	5	9	9	84	76	25	0.5	5	4
Sulfide as S			0.04	None	None	None	None	15	1	0.4	0.02	0.22	0.11	60	10	0.65	0.01	0.11	0.12
TDS (calc)	1130	1110	1100					15	0	3760	1860	2250	563	84	0	2110	1090	1525	282
TDS ratio	1.02	1.03	1.03					15	0	1.18	0.81	0.94	0.10	84	0	1.94	0.78	0.968	0.12
Temperature	23.7	18	9.8					15	0	16.7	8.5	11.8	2.4	84	0	23.7	5.3	12.0	3.0
Gross Alpha Result (pCi/L)			20	None	None	15	Human Health	15	3	56	-18	12.9	20.5	60	6	47	-18	7.3	11.3
Gross Alpha Error (pCi/L)			7.1					15	0	30	9	17.1	6.3	60	0	28	3	9.0	4.7
Alpha Minimum Detectable Activity (pCi/L)			3.9					15	0	28	6.7	12.4	5.7	60	0	19	4.4	7.7	2.8
Gross Beta Result (pCi/L)			20					15	1	46	-11	9.0	14.2	60	1	134	-11	18.0	18.0
Gross Beta Error (pCi/L)			5.2					15	0	22	8.2	12.9	4.2	60	0	26	5.8	9.7	3.6
Beta Minimum Detectable Activity (pCi/L)			6.6					15	0	28	11	16.5	5.5	60	0	35	7.9	12.2	4.6

* 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 - DECEMBER 31, 2012

Well ID	21-3D	21-3D	21-3D	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/6/2012	9/9/2012	11/18/2012	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Primary	Level	Indicator	Regulation	Standard												
Completion Horizon	Dissolution	Dissolution	Dissolution	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Aluminum, dissolved			<0.6	None	None	5.0	Agricultural	15	13	0.8	0.1	0.327	0.171	60	49	2.2	0.125	0.576	0.585
Antimony, dissolved			<0.008	None	None	0.006	Human Health	15	12	0.05	0.001	0.007	0.012	60	58	0.06	0.002	0.00573	0.0072
Arsenic, dissolved			<0.004	None	None	0.05	Human Health	15	4	0.32	0.015	0.084	0.094	60	38	0.06	0.0025	0.017	0.012
Barium, dissolved			4.28	None	None	2	Human Health	15	0	4.87	0.98	1.866	1.039	60	0	4.22	1.96	2.90	0.58
Beryllium, dissolved			<0.001	None	None	0.004	Human Health	15	13	0.007	0.001	0.0038	0.0018	60	60	0.005	0.001	0.0024	0.0007
Boron, dissolved	6.5	5.9	6	None	None	0.75	Agricultural	15	0	6.6	5.8	6.132	0.220	84	0	6.6	5.1	5.89	0.314
Cadmium, dissolved			0.011	None	None	0.005	Human Health	15	1	0.069	0.0025	0.0264	0.0187	60	23	0.068	0.001	0.0079	0.0095
Calcium, dissolved	10	9	9	None	None	None	None	15	1	41	5	10.9	8.9	83	1	255	1.8	16.2	27.1
Chromium, dissolved			<0.01	None	None	0.1	Human Health	15	0	0.474	0.028	0.176	0.141	59	7	10.7	0.0025	0.262	1.374
Cobalt, dissolved			<0.001	None	None	0.05	Agricultural	15	13	0.0025	0.001	0.002	0.001	60	55	0.086	0.0005	0.00309	0.01105
Copper, dissolved			<0.01	None	None	0.2	Agricultural	15	6	1.74	0.01	0.174	0.437	60	52	2.02	0.005	0.0597	0.267
Iron, dissolved	<0.5	<0.4	<0.4	None	None	0.3	Secondary Drinking Water	15	0	4.1	0.7	1.147	0.897	84	6	4	0.18	1.087	0.653
Lead, dissolved			<0.002	None	None	0.05	Human Health	15	12	0.02	0.001	0.005	0.005	60	44	0.263	0.001	0.00998	0.034
Lithium, dissolved	2.5	2.4	2.3	None	None	2.5	Agricultural	15	0	3.1	2.3	2.580	0.193	84	0	3.1	1.6	2.535	0.243
Magnesium, dissolved	<5	4	<4	None	None	None	None	15	0	12	5	7.3	2.0	83	35	49	2	4.8	5.3
Manganese, dissolved			0.01	None	None	0.05	Secondary Drinking Water	15	1	1.27	0.0025	0.121	0.320	60	12	2.18	0.0025	0.064	0.297
Mercury, dissolved			<0.001	None	None	0.002	Human Health	15	15	0.005	0.0001	0.0008	0.0012	60	60	0.005	0.0001	0.001	0.002
Molybdenum, dissolved			0.09	None	None	None	None	15	0	0.843	0.026	0.488	0.265	60	0	0.323	0.0275	0.09058	0.065
Nickel, dissolved			<0.01	None	None	0.1	Human Health	15	1	0.03	0.01	0.022	0.007	60	45	5.19	0.005	0.0936	0.6691
Potassium, dissolved	59	53	54	None	None	None	None	15	0	61	46	54.7	4.1	84	0	120	33	56.1	10.3
Selenium, dissolved			<0.001	None	None	0.02	Agricultural	15	14	0.003	0.0005	0.002	0.001	60	59	0.03	0.0005	0.008	0.011
Silica, dissolved	30	32	34	None	None	None	None	15	0	70	20	55.9	14.3	84	0	60	30	43.7	9.1
Silver, dissolved			0.002	None	None	0.05	Human Health	15	6	0.0085	0.0015	0.0036	0.0016	60	48	0.0095	0.0005	0.00194	0.001
Sodium, dissolved	15600	15500	15500	None	None	None	None	15	0	16300	15200	15510.0	341.3	84	0	18500	14400	15751	808
Strontium, dissolved			0.8	None	None	None	None	15	0	1.2	0.2	0.470	0.296	60	0	1.2	0.5	0.71	0.14
Thallium, dissolved			<0.002	None	None	0.002	Human Health	15	13	0.011	0.0005	0.0025	0.0026	60	47	0.052	0.0005	0.00408	0.0077
Uranium, dissolved			<0.002	None	None	None	None	15	3	0.025	0.0015	0.0096	0.0060	60	34	0.011	0.001	0.00288	0.002
Vanadium, dissolved			<0.1	None	None	0.1	Agricultural	15	7	0.3	0.05	0.1127	0.0787	60	55	0.2	0.02	0.058	0.029
Zinc, dissolved			<0.04	None	None	2	Agricultural	15	8	2.2	0.04	0.403	0.667	60	59	0.3	0.02	0.05	0.03
Bicarb as CaCO3	33400	32400	35700	None	None	None	None	15	0	34500	27900	31710	1738	84	0	37500	29800	34385	1399
Carbonate as CaCO3	778	469	<2	None	None	None	None	15	13	1450	1	222	448	84	68	3440	1	134	433
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	15	15	100	1	54	51	84	84	1	1	1	0
Total Alkalinity	34200	32800	35700	None	None	None	None	15	0	34500	29300	31883	1498	84	0	37500	31500	34517	1222

* 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.

AMERICAN SODA OPERATIONAL PHASE 1
DATA SUMMARY GROUND WATER WELL 21-3D CONTINUED
JULY 1, 1999 - DECEMBER 31, 2012

Well ID	21-3D	21-3D	21-3D	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/6/2012	9/9/2012	11/18/2012	Protection	Warning	Standard													
Sample Type*	Primary	Primary	Primary	Level	Indicator	Regulation	Standard												
Completion Horizon	Dissolution	Dissolution	Dissolution	(NPL)	(EWI)	Number 41	Classification												
Parameter (mg/l)**								TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION	TOTAL SAMPLES	BELOW DETECTION	MAXIMUM VALUE	MINIMUM VALUE	MEAN VALUE	STANDARD DEVIATION
Bromide			<10	None	None	None	None	15	15	5	0.2	2.45	2.02	59	59	14	0.1	1.08	1.86
Carbon, dissolved organic			<10	None	None	None	None	15	0	54	17	30.6	10.6	60	14	1310	20	177.5	219.7
Cation-Anion Balance %	-2.8	-1.2	-5.2					15	6	3.3	-3.2	0.5	2.1	84	67	5.4	-13.4	-2.7	3.6
Sum of Anions meq/L	728	700	759					14	0	731	628	678.21	30.92	84	0	1010	682	736.67	41.91
Sum of Cations meq/L	688	684	684					14	0	719.5	671	682.96	13.82	84	0	816	636	695.77	35.43
Chloride	1460	1400	1470	None	None	250	Secondary Drinking Water	15	0	1460	1160	1328	69	84	0	1600	890	1322	99
Cond @ 25C (umhos/cm)	41700	39300	39000	None	None	None	None	15	0	41900	31500	40530	2742	84	0	49600	1430	39759	6063
Fluoride	65.2	65.8	65	None	None	2	Agricultural	15	0	71	43	59.0	7.5	84	0	87	43	63.0	6.6
Hardness as CaCO3			23					15	0	152	25	56	29	60	0	670	20	67	87
Nitrate as N, dissolved			<0.2	None	None	10	Human Health	15	14	0.4	0.05	0.13	0.08	60	56	4.6	0.01	0.18	0.60
Nitrate/Nitrite as N, dissolved			<0.2	None	None	10	Human Health	15	14	0.4	0.05	0.13	0.08	60	55	4.6	0.01	0.18	0.60
Nitrite as N, dissolved			<0.1	None	None	1	Human Health	15	14	1.92	0.005	0.188	0.482	60	59	0.5	0.005	0.049	0.068
pH (units)	8.3	8.5	8.3	None	None	6.5 - 8.5	Secondary Drinking	15	0	8.5	7.9	8.2	0.2	84	0	8.7	7.4	8.2	0.2
Phosphorus, dissolved			2.7	None	None	None	None	15	0	5.3	0.5	3.048	1.612	60	0	46	0.9	2.973	5.679
Phosphorus, ortho dissolved			2.3	None	None	None	None	15	0	5.2	0.342	3.314	1.354	60	0	4.315	1.02	2.526	0.625
Total Dissolved Solids	40000	36500	37700	None	None	7125	TDS Water Quality Standards	15	0	38800	36150	38147	687	84	0	40800	35800	38554	775
Sodium Absorption Ratio in H2O			1440	None	None	None	None	15	0	1380	575	962.13	169.33	60	0	1720	257	966.73	220.92
Sulfate	<20	<20	<20	None	None	250	Secondary Drinking Water	15	11	50	5	31	20	84	52	12400	2	349	1894
Sulfide as S			0.3	None	None	None	None	15	4	0.7	0.055	0.26	0.19	60	19	0.8	0.01	0.21	0.19
TDS (calc)	37700	36700	38600					15	0	37800	34600	36237	983	84	0	52500	36200	38301	1999
TDS ratio	1.06	0.99	0.98					14	0	1.11	0.965	1.06	0.04	84	0	1.07	0.74	1.009	0.04
Temperature	17.7	17.6	14.7					15	0	17.1	9.7	13.1	2.4	83	0	19.8	7.2	12.2	2.9
Gross Alpha Result (pCi/L)			39	None	None	15	Human Health	15	1	540	-1.1	102.8	152.1	60	5	554	-165	109.9	147.9
Gross Alpha Error (pCi/L)			160					15	0	480	2.7	210.5	111.6	60	0	410	5	178.9	72.9
Alpha Minimum Detectable Activity (pCi/L)			190					15	0	360	1.8	180.5	83.8	60	0	290	1	172.1	56.1
Gross Beta Result (pCi/L)			-150					15	0	610	0	137.3	162.0	60	3	884.5	-483	160.2	196.7
Gross Beta Error (pCi/L)			220					15	0	330	3.6	180.6	73.6	60	0	330	15	199.6	69.6
Beta Minimum Detectable Activity (pCi/L)			390					15	0	440	4	247.3	101.9	60	0	440	3	274.1	100.2

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

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

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

AMERICAN SODA INTERIM STATUS

DATA SUMMARY GROUND WATER WELL (BURKE) KCHB

FEBRUARY 1, 1999 - DECEMBER 31, 2012

Well ID	KCHB	KCHB	KCHB	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS FEBRUARY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/25/12	9/19/12	11/18/12	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
Aluminum, dissolved			<0.03	None	None	5.0	Agricultural	8	7	0.09	0.015	0.024	0.027	59	55	0.15	0.015	0.024	0.030
Antimony, dissolved			<0.0004	None	None	0.006	Human Health	8	5	0.002	0.0001	0.001	0.001	59	57	0.001	0.0002	0.00050	0.0002
Arsenic, dissolved			0.0008	None	None	0.05	Human Health	8	4	0.005	0.001	0.002	0.001	59	40	0.012	0.0005	0.002	0.0014
Barium, dissolved			0.029	None	None	2	Human Health	8	0	0.045	0.018	0.035	0.008	59	0	0.44	0.023	0.05	0.074
Beryllium, dissolved			<0.00005	None	None	0.004	Human Health	8	8	0.0005	0.00005	0.0003	0.0002	59	59	0.0005	0.00005	0.0002	0.0001
Boron, dissolved	0.09	0.1	0.12	None	None	0.75	Agricultural	8	0	0.14	0.09	0.115	0.016	83	0	0.7	0.07	0.12	0.077
Cadmium, dissolved			<0.0001	None	None	0.005	Human Health	8	7	0.0005	0.0001	0.0003	0.0002	59	58	0.0053	0.00005	0.0003	0.0007
Calcium, dissolved	36.9	45.8	50.4	None	None	None	None	8	0	70.5	28.1	47.9	16.3	83	0	63.4	11.5	43.4	12.7
Chromium, dissolved			<0.0005	None	None	0.1	Human Health	8	3	0.005	0.0001	0.002	0.002	59	26	7.58	0.00005	0.130	0.9866
Cobalt, dissolved			0.00039	None	None	0.05	Agricultural	8	2	0.0013	0.00015	0.001	0.000	59	19	0.0709	0.00015	0.00163	0.00918
Copper, dissolved			0.0224	None	None	0.2	Agricultural	8	0	0.275	0.027	0.092	0.085	59	2	0.688	0.0015	0.0695	0.115
Iron, dissolved	<0.02	<0.02	<0.02	None	None	0.3	Secondary Drinking Water	8	3	0.25	0.005	0.074	0.097	83	19	0.16	0.005	0.045	0.037
Lead, dissolved			0.0003	None	None	0.05	Human Health	8	0	0.031	0.0021	0.010	0.010	60	38	0.003	0.00005	0.00052	0.001
Lithium, dissolved	0.04	0.04	0.04	None	None	2.5	Agricultural	8	0	0.04	0.03	0.038	0.005	83	4	0.1	0.02	0.041	0.013
Magnesium, dissolved	50.6	62.5	67.1	None	None	None	None	8	0	82.7	37.1	59.5	18.5	83	0	77.8	27	55.7	14.3
Manganese, dissolved			0.0526	None	None	0.05	Secondary Drinking Water	8	0	0.0982	0.022	0.054	0.030	59	0	1.32	0.0096	0.064	0.167
Mercury, dissolved			<0.0002	None	None	0.002	Human Health	8	8	0.001	0.0001	0.0004	0.0003	59	59	0.005	0.0001	0.001	0.002
Molybdenum, dissolved			0.0045	None	None	None	None	8	0	0.005	0.003	0.004	0.001	59	1	0.125	0.00025	0.00619	0.016
Nickel, dissolved			<0.0006	None	None	0.1	Human Health	8	1	0.0076	0.0005	0.004	0.003	59	16	2.36	0.0003	0.0419	0.3070
Potassium, dissolved	1.4	1.4	1.5	None	None	None	None	8	0	1.7	1	1.4	0.3	83	1	5	0.6	1.4	0.5
Selenium, dissolved			<0.001	None	None	0.02	Agricultural	8	8	0.003	0.0005	0.002	0.001	59	59	0.03	0	0.004	0.010
Silica, dissolved	19.9	20.1	20.9	None	None	None	None	8	0	23.2	19.5	21.2	1.1	83	0	23.5	13.7	21.1	1.5
Silver, dissolved			<0.00005	None	None	0.05	Human Health	8	8	0.00025	2.5E-05	0.0002	0.0001	59	54	0.0009	2.5E-05	0.00020	0.0002
Sodium, dissolved	214	227	217	None	None	None	None	8	0	206	183	196.0	8.0	83	0	1460	168	218	139
Strontium, dissolved			2.35	None	None	None	None	8	0	2.52	1.71	2.144	0.270	59	0	3.02	1.35	2.08	0.30
Thallium, dissolved			<0.0001	None	None	0.002	Human Health	8	7	0.0025	2.5E-05	0.0005	0.0008	59	48	0.0046	0.00005	0.00040	0.0007
Uranium, dissolved			0.0048	None	None	None	None	8	0	0.0055	0.0018	0.0037	0.0017	59	0	0.0067	0.0007	0.00334	0.002
Vanadium, dissolved			<0.005	None	None	0.1	Agricultural	8	7	0.005	0.0025	0.0028	0.0009	59	59	0.025	0.0025	0.003	0.003
Zinc, dissolved			0.021	None	None	2	Agricultural	8	0	0.174	0.01	0.053	0.054	59	8	0.05	0.005	0.02	0.01
Bicarb as CaCO3	433	429	449	None	None	None	None	8	0	538	389	456	66	83	0	3140	301	467	301
Carbonate as CaCO3	<2	19	13	None	None	None	None	8	7	13	1	3	4	83	61	52	1	7	11
Hydroxide as CaCO3	<2	<2	<2	None	None	None	None	8	8	1	1	1	0	83	83	1	1	1	0
Total Alkalinity	433	448	463	None	None	None	None	8	0	551	389	458	69	83	0	3140	252	469	301

* 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 not equal to one-half the detection limit for all statistical calculations.

AMERICAN SODA OPERATIONAL PHASE 1
DATA SUMMARY GROUND WATER WELL BURKE (KCHB) CONTINUED
FEBRUARY 1, 1999 - DECEMBER 31, 2012

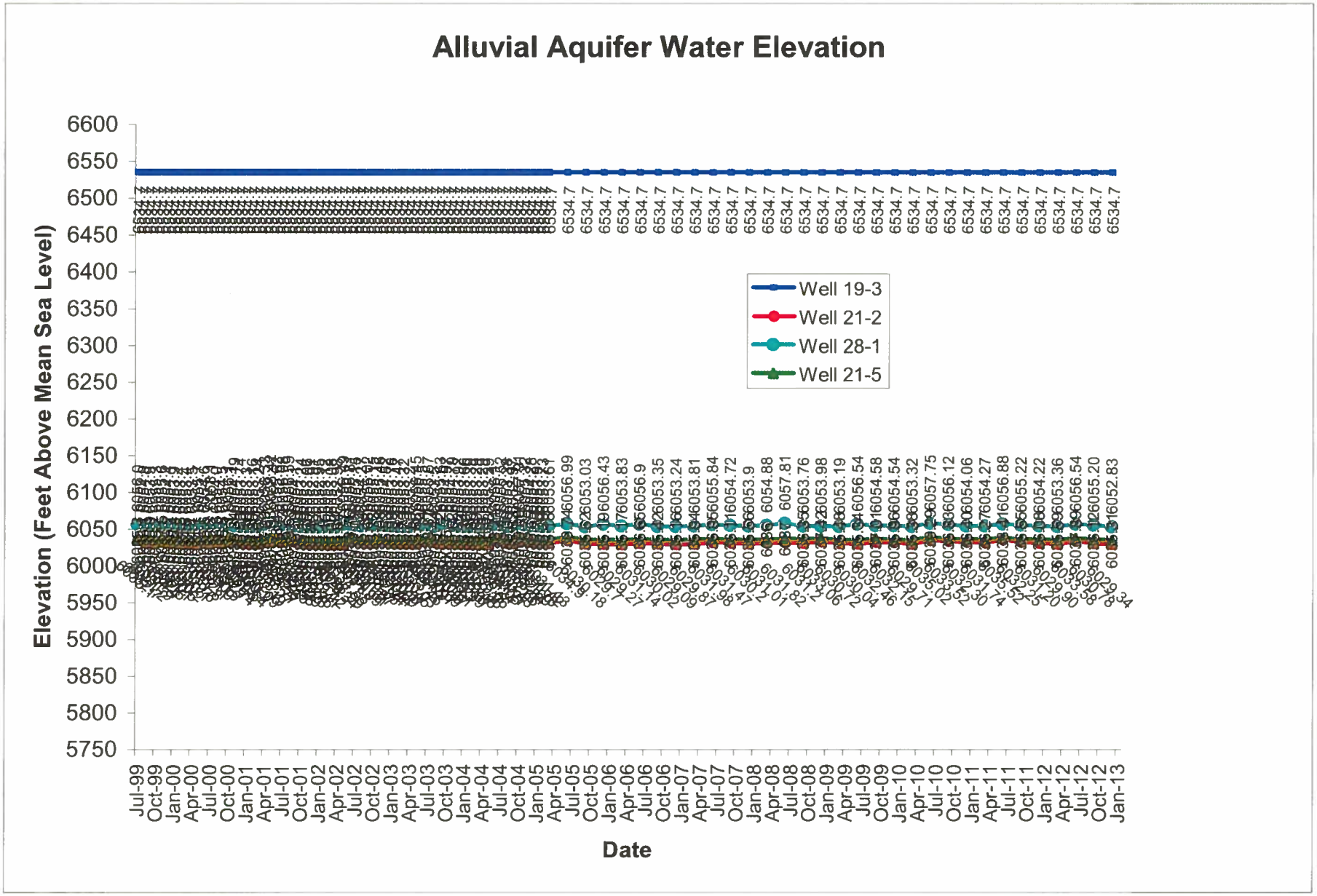
Well ID	KCHB	KCHB	KCHB	Numeric	Early	Regulatory		BASELINE DESCRIPTIVE STATISTICS JULY 1, 1999 - SEPTEMBER 30, 2000						OPERATIONAL DESCRIPTIVE STATISTICS OCTOBER 1, 2000 - SEPTEMBER 30, 2012					
Sample Date	6/25/12	9/19/12	11/18/12	Protection	Warning	Standard													
Sample Type*	Primary	Primary	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
Bromide			<0.25	None	None	None	None	8	8	0.5	0.05	0.15	0.15	59	55	1	0.025	0.28	0.26
Carbon, dissolved organic			1.4	None	None	None	None	8	3	5	0.5	2.1	1.5	59	15	50	0.5	9.5	10.4
Cation-Anion Balance %	-1.3	2.1	0.3					8	4	1.8	-2	0.0	1.4	83	33	7.9	-9.8	0.5	2.6
Sum of Anions meq/L	15.8	16.7	17.6					8	0	19.5	13.2	16.03	2.69	83	0	67.9	11.1	16.24	6.03
Sum of Cations meq/L	15.4	17.4	17.7					8	0	19.5	13	16.01	2.67	83	0	67.5	10.8	16.39	6.00
Chloride	13	14	14	None	None	250	Secondary Drinking Water	8	0	9	6	8	1	83	0	14	6	9	2
Cond @ 25C (umhos/cm)	1290	1460	1410	None	None	None	None	8	0	1600	1110	1333	204	83	0	5820	838	1449	729
Fluoride	0.5	0.4	0.5	None	None	2	Agricultural	8	0	0.6	0.5	0.5	0.1	83	0	8.6	0.2	0.7	1.1
Hardness as CaCO3			402					8	0	516	223	364	117	59	0	478	158	338	100
Nitrate as N, dissolved			0.16	None	None	10	Human Health	8	7	0.1	0.07	0.10	0.01	59	18	0.23	0.01	0.06	0.05
Nitrate/Nitrite as N, dissolved			0.16	None	None	10	Human Health	8	7	0.1	0.01	0.09	0.03	59	18	0.23	0.01	0.06	0.05
Nitrite as N, dissolved			<0.01	None	None	1	Human Health	8	8	0.05	0.005	0.044	0.016	59	56	0.05	0.005	0.008	0.009
pH (units)	8.3	8.3	8.3	None	None	6.5 - 8.5	Secondary Drinking	8	0	8.3	7	7.6	0.4	83	0	8.5	7	8.0	0.3
Phosphorus, dissolved			0.01	None	None	None	None	8	3	0.1	0.005	0.038	0.033	59	40	0.08	0.005	0.011	0.012
Phosphorus, ortho dissolved			<0.01	None	None	None	None	8	6	0.102	0.0025	0.027	0.032	59	42	0.125	0.0025	0.012	0.022
Total Dissolved Solids	910	990	990	None	None	1101	TDS Water Quality Standards	8	0	1080	720	881	143	83	0	1050	470	883	107
Sodium Absorption Ratio in H2O			4.77	None	None	None	None	8	0	5.64	3.97	4.66	0.61	59	0	51.2	3.86	5.69	6.08
Sulfate	320	350	380	None	None	250	Secondary Drinking	8	0	390	240	315	63	83	0	390	200	309	48
Sulfide as S			<0.02	None	None	None	None	8	7	0.1	0.01	0.05	0.05	59	57	0.46	0.01	0.02	0.06
TDS (calc)	916	990	1030					8	0	1120	763	927	149	83	0	3650	665	946	317
TDS ratio	0.99	1	0.96					8	0	1.01	0.9	0.95	0.03	83	0	1.24	0.19	0.960	0.10
Temperature	14	17.3	11.6					8	0	20.8	15.6	18.1	1.5	83	0	20.8	10.6	14.9	2.1
Gross Alpha Result (pCi/L)			2.1	None	None	15	Human Health	8	0	18	0	5.9	6.2	59	3	232	-6.53	10.6	30.4
Gross Alpha Error (pCi/L)			3.4					8	0	13	4.2	7.8	2.8	59	0	36	3	7.4	6.3
Alpha Minimum Detectable Activity (pCi/L)			3.8					8	0	10	3.9	6.1	2.0	59	0	24	1	5.3	4.0
Gross Beta Result (pCi/L)			1.3					8	0	9.8	0	4.9	4.2	59	6	30.4	-10	4.6	7.0
Gross Beta Error (pCi/L)			4.1					8	0	12	4.3	7.3	3.3	59	0	27	2.7	7.0	5.8
Beta Minimum Detectable Activity (pCi/L)			5.6					8	0	17	5.8	10.3	4.5	59	0	35	3	9.0	7.4

* 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.

Alluvial Wells Water Elevation Summary
NOVEMBER 2003 - SEPTEMBER 2012

Well ID	Well 19-3*		Well 21-2		Well 28-1		Well 21-5	
Installation Date	7/13/99		5/13/97		7/16/99		7/16/99	
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)
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
Sep-12	15.70	6534.7	74.22	6030.8	15.30	6055.2	23.18	6036.1
Dec-12	15.70	6534.7	75.66	6029.3	17.67	6052.8	23.99	6035.3

* Well 19-3 is consistently dry.


Alluvial Aquifer Water Elevation
Elevation (Feet Above Mean Sea Level)
6600
6550
6500
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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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Apr-12
Jul-12
Oct-12
Jan-13
Date

Upper Aquifer Wells Water Elevation Summary
FEBRUARY 2004 - DECEMBER 2012

Well ID	Well 29-4U		Well 20-8		Well 21-3U		Well 21-3A	
Installation Date	7/15/99		1/17/97		7/8/99		7/8/99	
Screened Interval (ft)	5629.44 - 5619.44		5695.68 - 5675.68		5638.9 - 5628.9		5418.86 - 5408.86	
Collar or Ground Elevation (Feet Above Mean Sea Level)	6159.44		6235.7		6118.9		6118.9	
Date Measured	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)
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
Sep-12	50.3	6109.2	129.0	6106.8	26.8	6092.1	29.7	6089.2
Dec-12	50.2	6109.3	128.9	6106.8	26.8	6092.1	29.7	6089.2

Upper Aquifer Wells Water Elevation Summary Continued

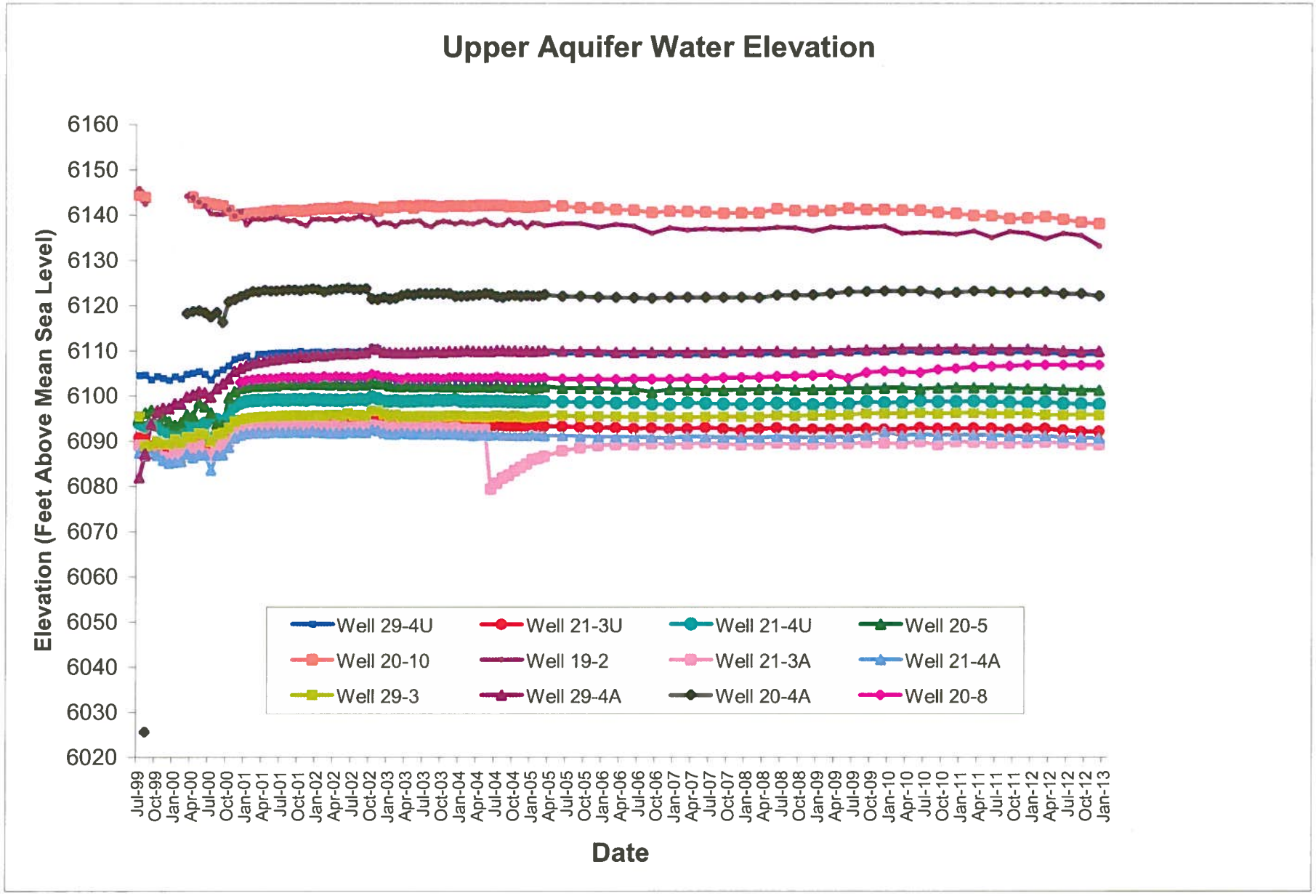
FEBRUARY 2004 - DECEMBER 2012

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)
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
Sep-12	186.9	6090.7	285.4	6095.8	49.6	6109.8	182.4	6098.1
Dec-12	187.0	6090.6	285.5	6095.7	49.5	6109.9	182.5	6098.0

Upper Aquifer Wells Water Elevation Summary Continued

FEBRUARY 2004 - DECEMBER 2012

Well ID	Well 20-5		Well 20-10		Well 19-2		Well 20-4A	
Installation Date	5/8/97		9/5/98		5/5/98		7/18/98	
Screened Interval (ft)	5572.7 - 5562.7		5579.38 - 5569.38		5351.77 - 5341.77		5352.6 - 5332.6	
Collar or Ground Elevation (Feet Above Mean Sea Level)	6204.7		6569.4		6621.8		6422.6	
Date Measured	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)	Measured Depth to Water (ft)	Calculated Water Elevation (ft)
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
Sep-12	103.5	6101.2	431.1	6138.4	486.4	6135.4	300.0	6122.6
Dec-12	103.5	6101.2	431.4	6138.0	488.6	6133.2	300.5	6122.1


Upper Aquifer Water Elevation
Elevation (Feet Above Mean Sea Level)
6160
6150
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6130
6120
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6100
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6080
6070
6060
6050
6040
6030
6020
Well 29-4U
Well 21-3U
Well 21-4U
Well 20-5
Well 20-10
Well 19-2
Well 21-3A
Well 21-4A
Well 29-3
Well 29-4A
Well 20-4A
Well 20-8
Jul-99
Oct-99
Jan-00
Apr-00
Jul-00
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Apr-12
Jul-12
Oct-12
Jan-13
Date

Lower Aquifer Wells Water Elevation Summary

FEBRUARY 2004 - DECEMBER 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)
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	6080.49	193.83	6083.77	101.73	6116.57	127.43	6109.57
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
Sep-12	40.52	6078.3	194.13	6083.5	101.61	6116.7	128.45	6108.6
Dec-12	40.88	6078.0	194.18	6083.4	101.47	6116.8	128.50	6108.5

Lower Aquifer Wells Water Elevation Summary Continued

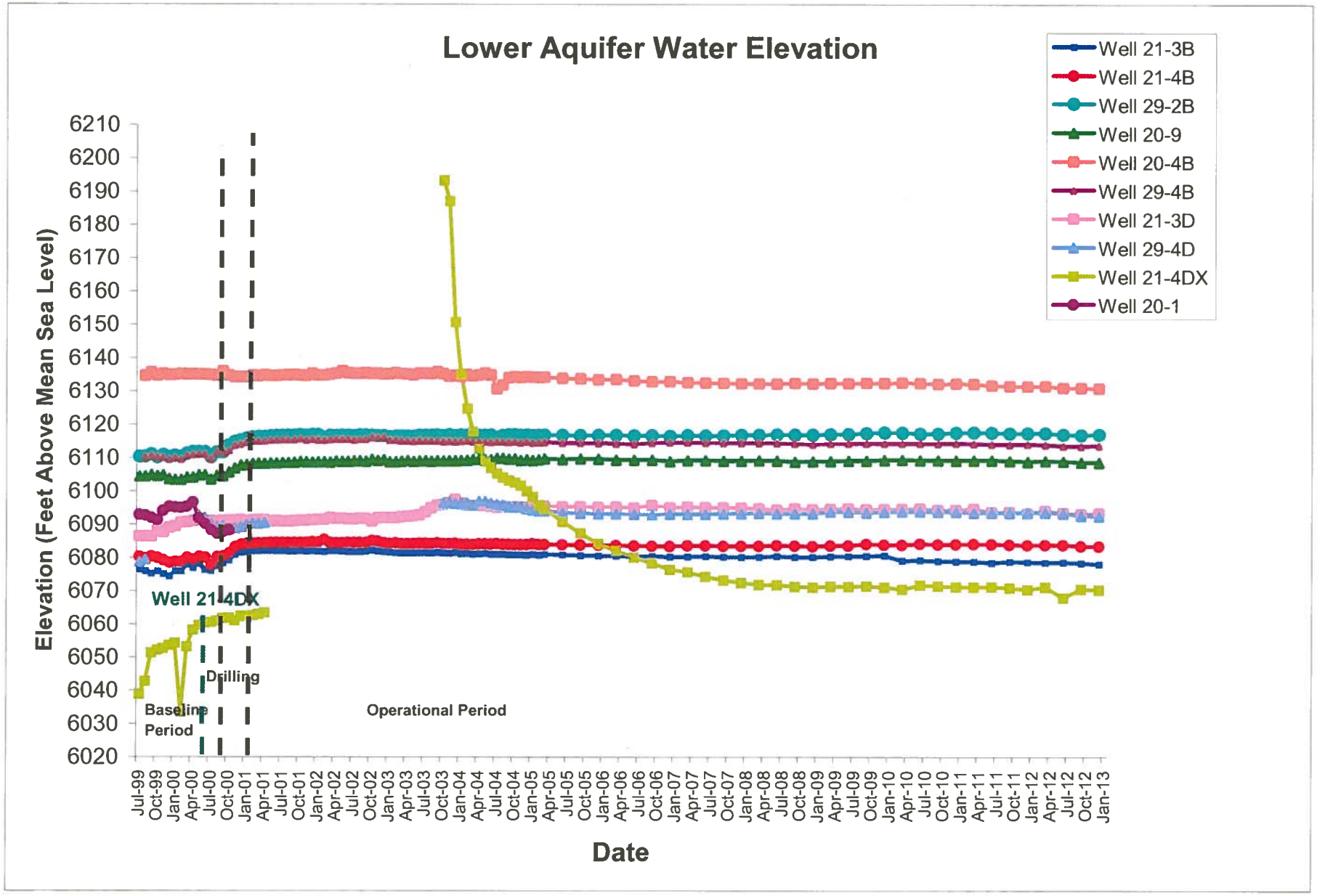
FEBRUARY 2004 - DECEMBER 2012

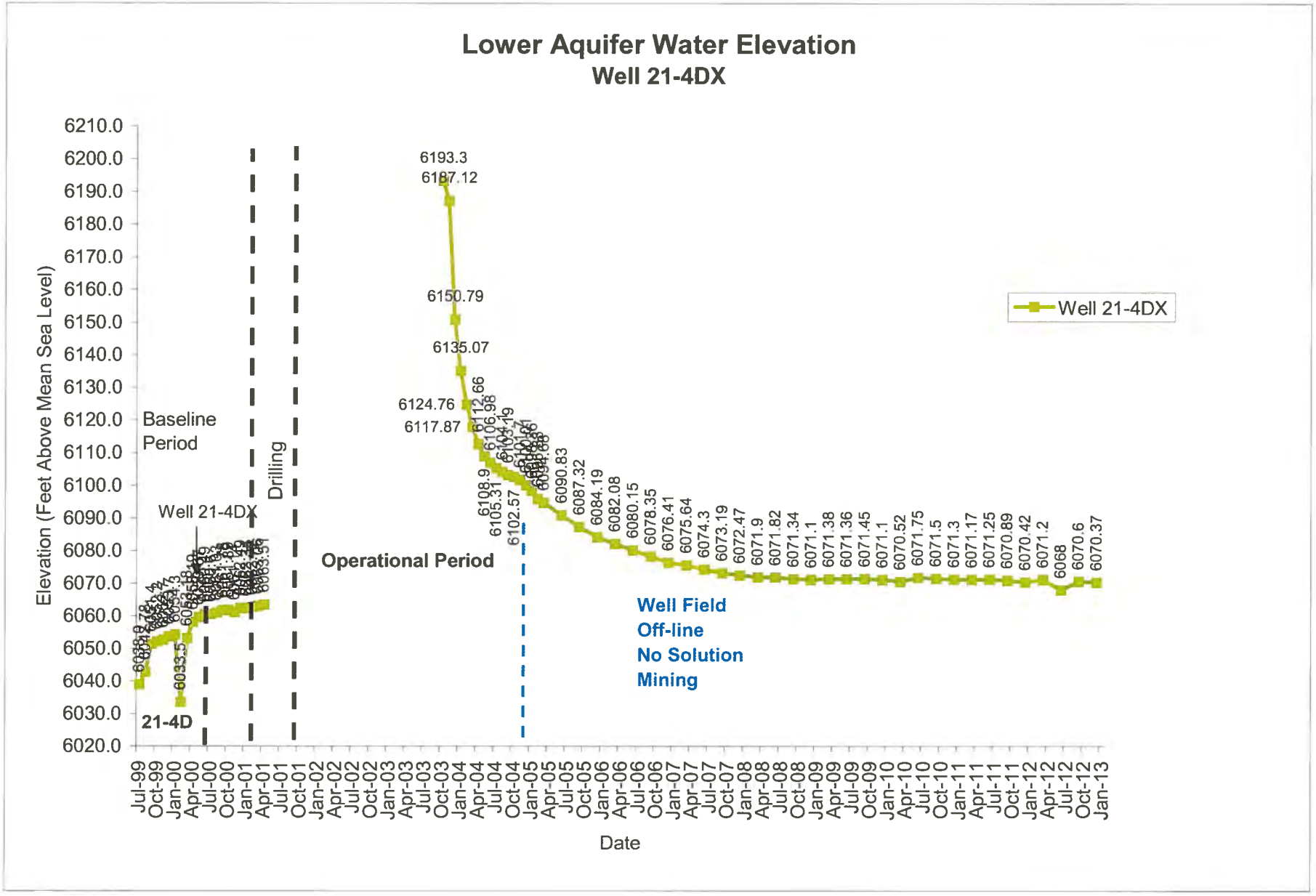
Well ID	Well 20-4B		Well 29-4B		Well 21-3D		Well 29-4D	
Installation Date	8/27/99		8/21/99		7/8/99		7/15/99	
Screened Interval (ft)	5137.62 - 5127.62		5188.7 - 5178.70		4845.9 - 4835.9		4850.4 - 4840.4	
Collar or Ground Elevation (Feet Above Mean Sea Level)	6422.6		6158.7		6118.9		6159.4	
Date Measured	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)
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
Sep-12	291.68	6130.92	45.25	6113.45	25.88	6093.02	66.85	6092.55
Dec-12	291.83	6130.77	45.12	6113.58	25.58	6093.32	66.97	6092.43

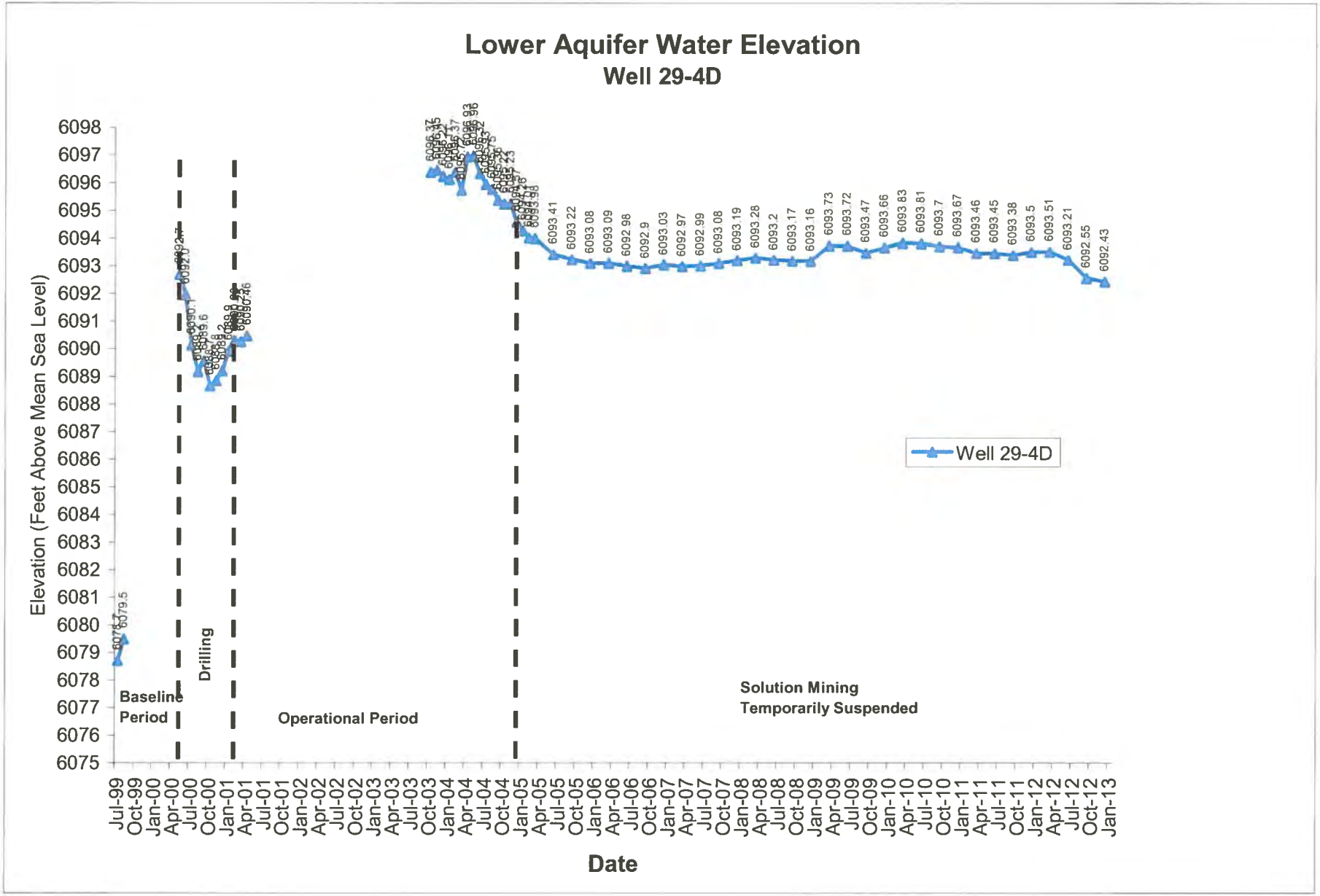
Lower Aquifer Wells Water Elevation Summary Continued

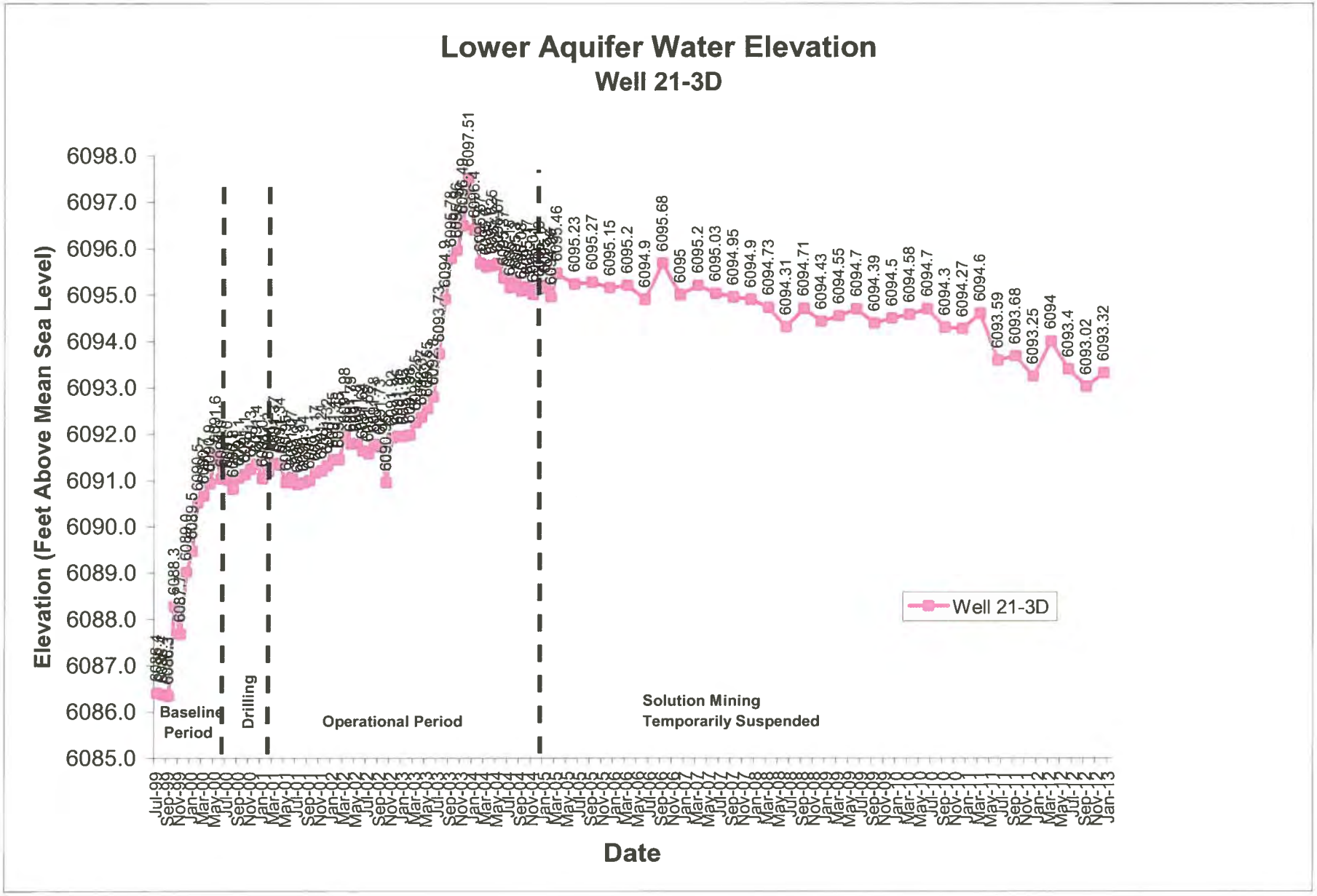
FEBRUARY 2004 - DECEMBER 2012

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)
Feb-04	Replaced With Well 21-4DX		Well 20-1 was Plugged and Abandoned 10/23/00.		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					212.25	6071.25		
Sep-11					212.61	6070.89		
Dec-11					213.1	6070.4		
Mar-12					212.3	6071.2		
Jun-12					215.5	6068.0		
Sep-12					212.9	6070.6		
Dec-12					213.1	6070.4		


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
Jul-04
Oct-04
Jan-05
Apr-05
Jul-05
Oct-05
Jan-06
Apr-06
Jul-06
Oct-06
Jan-07
Apr-07
Jul-07
Oct-07
Jan-08
Apr-08
Jul-08
Oct-08
Jan-09
Apr-09
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
Oct-12
Jan-13
Date


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
6108.9
6105.31
6102.57
6090.83
6087.32
6084.19
6082.08
6080.15
6078.35
6076.41
6075.64
6074.3
6073.19
6072.47
6071.9
6071.82
6071.34
6071.1
6071.38
6071.36
6071.45
6071.1
6070.52
6071.75
6071.5
6071.3
6071.17
6071.25
6070.89
6070.42
6071.2
6068
6070.6
6070.37


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 21-3D
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