AMERICA'S BUILDER OF THE YEAR

January 11, 2013

Alameda County Department of Environmental Health
Hazardous Materials Division
1131 Harbor Bay Parkway
Alameda, California 94502

Re: Workplan for Well Sampling at 17109 Via Chiquita, dated October 22, 2012
Case #2737
Former Impulse Motors
1210 Bockman Road, San Lorenzo, California

To Whom It May Concern:

In Town Communities, LLC, a California limited liability company and subsidiary of Olson Urban Housing, LLC, a Delaware limited liability company doing business as The Olson Company, hereby submits the enclosed *Workplan for Well Sampling at 17109 Via Chiquita* dated October 22, 2012 (the "Workplan"), prepared by Stantec Consulting Corporation.

I certify under penalty of perjury that the referenced Workplan and all attachments and supplemental information and recommendations contained in the attached Workplan is true and correct to the best of my knowledge.

Very truly yours,

In Town Communities, LLC
a California limited liability company

By: Olson Urban Housing, LLC
a Delaware limited liability company
doing business as The Olson Company
Member

By: In Town Living, Inc.
a Delaware corporation
Managing Member

By:_____
Name: Michael Ugar
Its: Senior Vice President, Operations

Enclosures as stated

3010 OLD RANCH PARKWAY, SUITE 100, SEAL BEACH, CA 90740 / (562) 596-4770 / FAX (562) 430-4742
www.olsonhomes.com

Stantec Consulting Corporation
25864-F Business Center Drive
Redlands, CA 92374
Tel: (909) 335-6116
Fax: (909) 335-6120

October 22, 2012

Mr. Mark Detterman
Alameda County Health Care Services
Environmental Health Department
1131 Harbor Bay Parkway, Suite 250
Alameda, Ca. 94502-6577

Re: WELL SAMPLING AT 17109 VIA CHIQUITA
Fuel Leak Case No. R00002737 (Global ID #T06019771179)
Former Impulse Motors
1210 Bockman Road
San Lorenzo, California

Dear Mr. Detterman:

Stantec Consulting Services Inc. (Stantec) hereby submits a report in response to a request from the Alameda County Health Care Services Environmental Health Department (ACHCS), dated April 25, 2012, for additional assessment to support Site closure of the above case. That letter requested the following items to be assessed or researched:

1. **DWR Well Survey;** The ACHCS requested a review of DWR well records. A preferential pathway survey for wells was requested to include a survey of DWR well records (monitoring and production wells): active, inactive, standby decommissioned (sealed with concrete), abandoned (improperly decommissioned or lost); dewatering, drainage, and cathodic protection wells within ¼ miles of the subject site.

2. **Residential Irrigation Well Sampling;** The ACHCS requested the sampling of the residential well at 17109 Via Chiquita, San Lorenzo, for the analytes associated with the subject investigation.

To address these requests, Stantec submitted a response dated August 23, 2012. That response stated that the requested sampling and well search would be completed as requested. The ACHCS approved the proposed work plan on September 17, 2012 via e-mail.

DWR Well Survey

Stantec contracted with the Department of Water Resources (DWR), with assistance from the ACHCS, to conduct the requested well search within ¼ mile of the subject property. The wells located in that radius are referenced on the table (table 1) and plotted on Figure 1, attached.

The well search did not identify the well reported to exist at 17109 Via Chiquita. The closest down gradient well is located approximately 480 feet north-northwest of the area of impact on subject property and identified as well 150 on Figure 1. All other identified wells are located either cross gradient or up gradient of the subject property. Therefore, the well survey did not identify any wells

other than the one at 17109 Via Chiquita that warrant sampling.

Residential Irrigation Well Sampling

Stantec contacted Ms. Marisa Frain, the property owner at 17109 Via Chiquita, to obtain access to the subject well. Site access was obtained on September 25, 2012. In advance of sampling, notification was made to Mr. Detterman with the ACHCS. Mr. Detterman declined to attend the sampling event.

Upon entry to the Site, it was determined that the well is located in the backyard along the western property fence line. The well is approximately four (4) inches in diameter and constructed of PVC casing. The depth of the well and the screen interval are unknown. An electrical pump is located in the well that has difficulty in operations. Average flow from the pump is about one to two gallons per minute, sustained. This well is used to water the small back and front yards, and is not connected to the water lines used in the home.

Prior to sampling of the well, the pump was allowed to run for about 15 minutes with discharge occurring onto the grass. The pump was then turned off and the well allowed to stabilize. Due to the pump's location in the well, a measurement of the water depth before and after pumping could not occur. The pump in the well was then turned on and allowed to purge for one minute. Water samples were collected into the laboratory-provided glass sampling containers directly from the faucet at the well head. The containers were labeled and placed into an ice chest and immediately turned over to a laboratory courier for delivery to the laboratory.

The water samples were analyzed for total petroleum hydrocarbons (TPH) in the gasoline (TPHg) and diesel (TPHd) ranges by EPA test method 8015m. In addition, the samples were analyzed for benzene, toluene, ethylbenzene, and total xylenes by EPA test method 8260b. The laboratory test results are in included as appendix A.

The laboratory data reported TPHg below laboratory detection levels of 50 µg/L. TPHd was reported at 68 µg/L; slightly above the reporting level of 50 µg/L. Benzene, toluene, ethylbenzene, and total xylenes were not detected above laboratory reporting levels.

Conclusions and Recommendations

The DWR well search did not identify any wells in close proximity to the subject property that would warrant additional sampling. The well sampled did not show up on the WDR well search. No additional search for additional wells is recommended.

The sampled well located at 17109 Via Chiquita did not contain aromatic volatile organic compounds (AVOC) or TPHg above reporting levels. Very minor detections of TPHd were detected in the water sample collected, slightly above reporting levels. It would appear that this well is located at the extreme limits of the groundwater impacts present in the subsurface.

It is recommended, in abundance of caution, that this well be abandoned to avoid contact with the very minor impacted groundwater. The well is not used regularly, and the home is connected to City water, which can be used for watering of the grass and plants. However, in an abundance of caution, The Olson Company would volunteer to abandon this well in accordance

with County and State requirements, and if necessary provide to the property owner at 17109 Via Chiquita the water connections to the city supply to assist in the vegetation watering on the property.

Based on the data collected no further assessment is recommended and Site closure would appear appropriate. Should there be any questions please feel free to contact the undersigned at the number below.

Sincerely,

Stantec Consulting Services Inc.

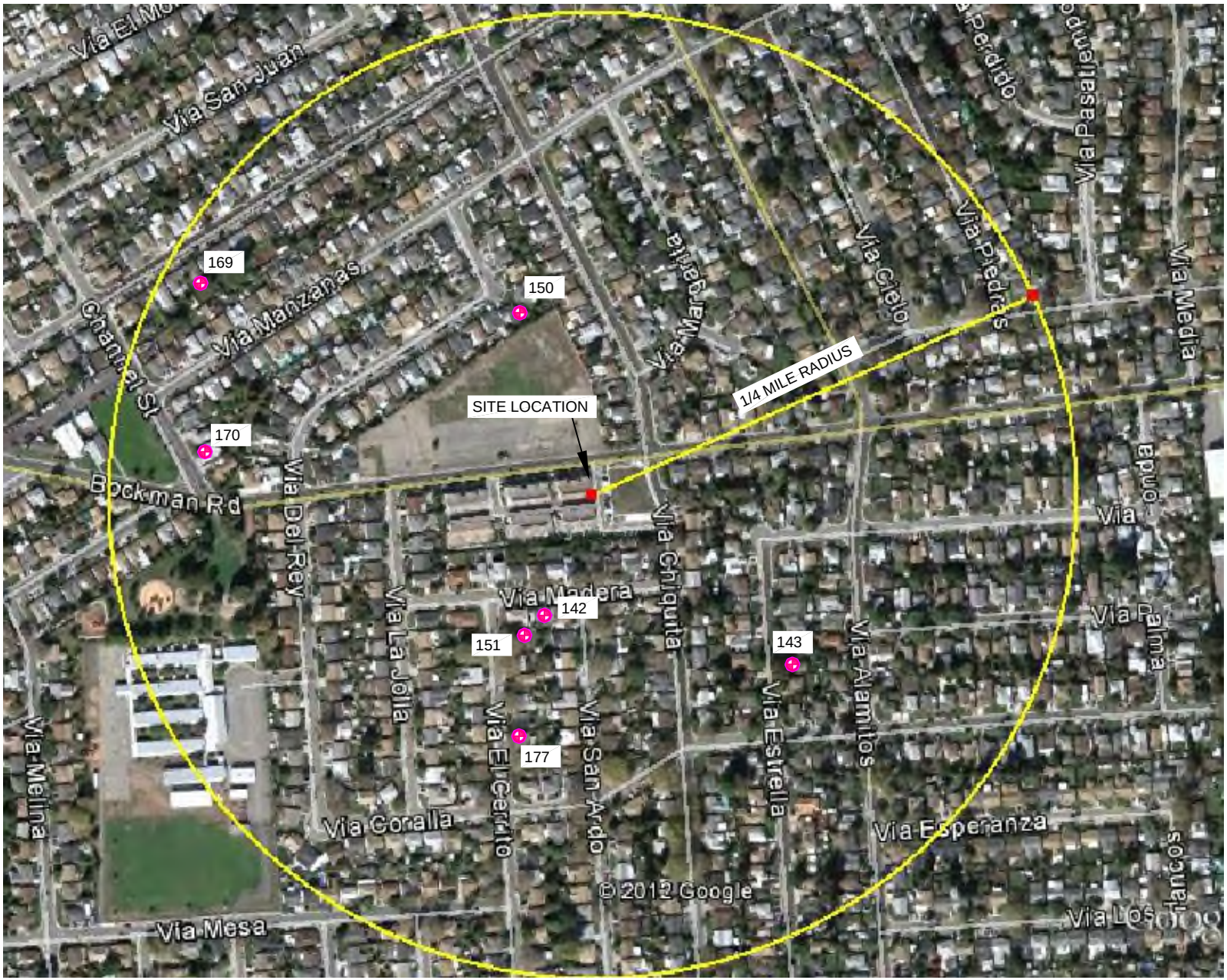
Kyle D. Emerson, CEG 1271
Managing Principal Geologist

PROFESSIONAL GEOLOGIST
KYLE EMERSON
No. 1271
CERTIFIED
ENGINEERING
GEOLOGIST
STATE OF CALIFORNIA

Attachments:

Figure 1	WDR Well Survey Map
Appendix A	Laboratory report
Appendix B	WDR Well Survey Locations

FIGURES



LEGEND:

APPROXIMATE WELL LOCATION (DOMESTIC OR IRRIGATION ONLY)

0 400 800

APPROXIMATE SCALE (FEET)

Stantec

25864-F BUSINESS CENTER DRIVE
REDLANDS, CALIFORNIA
PH (909) 335-6116 FAX (909) 335-6120

FOR:
THE OLSON COMPANY
FORMER SERVICE STATION
1210 BOCKMAN ROAD
SAN LORENZO, CALIFORNIA

RADIUS MAP WITH WELL LOCATIONS

FIGURE: **1**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
185899000	KD	KD	KE	8/29/12

APPENDIX A
LABORATORY REPORTS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-44737-1
Client Project/Site: Olson/SanLorenzo

For:
Stantec Consulting Corp.
25864. F Business Center Dr
Redlands, California 92374

Attn: Kyle Emerson

Authorized for release by:
10/3/2012 9:31:06 AM

Afsaneh Salimpour
Project Manager I
afsaneh.salimpour@testamericainc.com

Table of Contents

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 720-44737-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-44737-1

Comments
No additional comments.

Receipt
The samples were received on 9/25/2012 1:40 PM; the samples arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 2.4° C.

GC/MS VOA
No analytical or quality issues were noted.

GC Semi VOA
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: Olson/SanLorenzo

TestAmerica Job ID: 720-44737-1

Client Sample ID: S-1 — Lab Sample ID: 720-44737-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	68		51		ug/L	1		8015B	Total/NA

Client Sample ID: S-2 — Lab Sample ID: 720-44737-2

No Detections

Client: Stantec Consulting Corp.
Project/Site: Olson/SanLorenzo

TestAmerica Job ID: 720-44737-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Client Sample ID: S-2
Date Collected: 09/25/12 12:20
Date Received: 09/25/12 13:40

Lab Sample ID: 720-44737-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			09/27/12 06:52	1
Ethylbenzene	ND		0.50		ug/L			10/02/12 15:04	1
Toluene	ND		0.50		ug/L			10/02/12 15:04	1
Xylenes, Total	ND		1.0		ug/L			09/27/12 06:52	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			09/27/12 06:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*67 - 130*		*09/27/12 06:52*	*1*
4-Bromofluorobenzene	*99*		*67 - 130*		*10/02/12 15:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*75 - 138*		*09/27/12 06:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 138*		*10/02/12 15:04*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*09/27/12 06:52*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*10/02/12 15:04*	*1*

Client: Stantec Consulting Corp.
Project/Site: Olson/SanLorenzo

TestAmerica Job ID: 720-44737-1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: S-1
Date Collected: 09/25/12 12:20
Date Received: 09/25/12 13:40

Lab Sample ID: 720-44737-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	68		51		ug/L		09/27/12 14:45	10/02/12 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*87*		*23 - 156*	*09/27/12 14:45*	*10/02/12 13:07*	*1*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Lab Sample ID: MB 720-121735/4
Matrix: Water
Analysis Batch: 121735

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			09/26/12 20:10	1
Ethylbenzene	ND		0.50		ug/L			09/26/12 20:10	1
Toluene	ND		0.50		ug/L			09/26/12 20:10	1
Xylenes, Total	ND		1.0		ug/L			09/26/12 20:10	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			09/26/12 20:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*67 - 130*		*09/26/12 20:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 138*		*09/26/12 20:10*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*09/26/12 20:10*	*1*

Lab Sample ID: LCS 720-121735/5
Matrix: Water
Analysis Batch: 121735

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	26.1		ug/L		105	79 - 130
Ethylbenzene	25.0	25.3		ug/L		101	80 - 120
Toluene	25.0	25.7		ug/L		103	78 - 120
m-Xylene & p-Xylene	50.0	52.7		ug/L		105	70 - 142
o-Xylene	25.0	26.8		ug/L		107	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*94*		*75 - 138*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: LCS 720-121735/7
Matrix: Water
Analysis Batch: 121735

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO) -C5-C12	500	422		ug/L		84	62 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 138*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: LCSD 720-121735/6
Matrix: Water
Analysis Batch: 121735

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	25.0	26.1		ug/L		105	79 - 130	0	20
Ethylbenzene	25.0	24.9		ug/L		99	80 - 120	2	20
Toluene	25.0	25.4		ug/L		102	78 - 120	1	20

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-121735/6
Matrix: Water
Analysis Batch: 121735

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
m-Xylene & p-Xylene			50.0	52.2		ug/L		104	70 - 142	1	20
o-Xylene			25.0	26.7		ug/L		107	70 - 130	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 138*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 720-121735/8
Matrix: Water
Analysis Batch: 121735

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12			500	448		ug/L		90	62 - 120	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 138*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: MB 720-122091/4
Matrix: Water
Analysis Batch: 122091

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			10/02/12 10:11	1
Ethylbenzene	ND		0.50		ug/L			10/02/12 10:11	1
Toluene	ND		0.50		ug/L			10/02/12 10:11	1
Xylenes, Total	ND		1.0		ug/L			10/02/12 10:11	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			10/02/12 10:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*67 - 130*		*10/02/12 10:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 138*		*10/02/12 10:11*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*10/02/12 10:11*	*1*

Lab Sample ID: LCS 720-122091/5
Matrix: Water
Analysis Batch: 122091

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene			25.0	25.7		ug/L		103	79 - 130
Ethylbenzene			25.0	25.2		ug/L		101	80 - 120
Toluene			25.0	25.3		ug/L		101	78 - 120
m-Xylene & p-Xylene			50.0	53.4		ug/L		107	70 - 142
o-Xylene			25.0	27.1		ug/L		109	70 - 130

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-122091/5
Matrix: Water
Analysis Batch: 122091

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	*104*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 138*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: LCS 720-122091/7
Matrix: Water
Analysis Batch: 122091

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO) -C5-C12			500	433		ug/L		87	62 - 120		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	*101*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 138*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 720-122091/6
Matrix: Water
Analysis Batch: 122091

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			25.0	26.0		ug/L		104	79 - 130	1	20
Ethylbenzene			25.0	25.4		ug/L		102	80 - 120	1	20
Toluene			25.0	25.5		ug/L		102	78 - 120	1	20
m-Xylene & p-Xylene			50.0	53.5		ug/L		107	70 - 142	0	20
o-Xylene			25.0	27.2		ug/L		109	70 - 130	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	*105*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*96*		*75 - 138*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 720-122091/8
Matrix: Water
Analysis Batch: 122091

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12			500	422		ug/L		84	62 - 120	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	*103*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 138*
Toluene-d8 (Surr)	*102*		*70 - 130*

Client: Stantec Consulting Corp.
Project/Site: Olson/SanLorenzo

TestAmerica Job ID: 720-44737-1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 720-121820/1-A
Matrix: Water
Analysis Batch: 122080

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 121820

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50		ug/L		09/27/12 14:45	10/02/12 13:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*97*		*23 - 156*	*09/27/12 14:45*	*10/02/12 13:32*	*1*

Lab Sample ID: LCS 720-121820/2-A
Matrix: Water
Analysis Batch: 122079

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 121820

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]			2500	1870		ug/L		75	40 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
p-Terphenyl	*117*		*23 - 156*

Lab Sample ID: LCSD 720-121820/3-A
Matrix: Water
Analysis Batch: 122079

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 121820

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			2500	1820		ug/L		73	40 - 150	3	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
p-Terphenyl	*109*		*23 - 156*

QC Association Summary

Client: Stantec Consulting Corp.
Project/Site: Olson/SanLorenzo

TestAmerica Job ID: 720-44737-1

GC/MS VOA

Analysis Batch: 121735

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-44737-2	S-2	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-121735/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-121735/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-121735/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-121735/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-121735/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 122091

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-44737-2	S-2	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-122091/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-122091/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-122091/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-122091/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-122091/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

GC Semi VOA

Prep Batch: 121820

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-44737-1	S-1	Total/NA	Water	3510C	
LCS 720-121820/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 720-121820/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 720-121820/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 122079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-121820/2-A	Lab Control Sample	Total/NA	Water	8015B	121820
LCSD 720-121820/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	121820

Analysis Batch: 122080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-44737-1	S-1	Total/NA	Water	8015B	121820
MB 720-121820/1-A	Method Blank	Total/NA	Water	8015B	121820

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: Olson/SanLorenzo

TestAmerica Job ID: 720-44737-1

Client Sample ID: S-1

Lab Sample ID: 720-44737-1

Date Collected: 09/25/12 12:20

Matrix: Water

Date Received: 09/25/12 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			121820	09/27/12 14:45	RU	TAL SF
Total/NA	Analysis	8015B		1	122080	10/02/12 13:07	DH	TAL SF

Client Sample ID: S-2

Lab Sample ID: 720-44737-2

Date Collected: 09/25/12 12:20

Matrix: Water

Date Received: 09/25/12 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	121735	09/27/12 06:52	LL	TAL SF
Total/NA	Analysis	8260B/CA_LUFTMS		1	122091	10/02/12 15:04	AC	TAL SF

Laboratory References:

TAL SF = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Certification Summary

Client: Stantec Consulting Corp.
Project/Site: Olson/SanLorenzo

TestAmerica Job ID: 720-44737-1

Laboratory: TestAmerica Pleasanton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-14

Method Summary

Client: Stantec Consulting Corp.
Project/Site: Olson/SanLorenzo

TestAmerica Job ID: 720-44737-1

Method	Method Description	Protocol	Laboratory
8260B/CA_LUFTMS	8260B / CA LUFT MS	SW846	TAL SF
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL SF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SF = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Sample Summary

Client: Stantec Consulting Corp.
Project/Site: Olson/SanLorenzo

TestAmerica Job ID: 720-44737-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-44737-1	S-1	Water	09/25/12 12:20	09/25/12 13:40
720-44737-2	S-2	Water	09/25/12 12:20	09/25/12 13:40

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TESTAMERICA San Francisco Chain of Custody

1220 Quarry Lane • Pleasanton CA 94566-4756
Phone: (925) 484-1919 • Fax: (925) 600-3002

720-44737

Reference #: Olson 140977

Date 9-25-12 Page 1 of 1

10/3/2012

Report To

Attn: Kyle Emerson
Company: Stantec
Address: 25864-F Business Center Dr.
Phone: 909-255-8222 Email: kyle.emerson@stantec.com
Bill To: Stantec
Sampled By: Kyle Emerson
Attn:
Phone:

Analysis Request

Analysis columns:
1. TPH EPA - ☒ 8260B ☒ Gas w/ ☐ BTEX ☐ MTBE
2. TEPH EPA 8015M* ☐ Silica Gel ☒ Diesel ☐ Motor Oil ☐ Other
3. EPA 8260B: ☒ Gas ☒ BTEX ☐ 5 Oxygenates ☐ DCA, EDB ☐ Ethanol
4. (HVOCs) EPA 8021 by 8260B
5. Volatile Organics GC/MS (VOCs) ☐ EPA 8260B ☐ 624
6. Semivolatiles GC/MS ☐ EPA 8270 ☐ 625
7. Oil and Grease ☐ Petroleum (EPA 1664) ☐ Total
8. Pesticides ☐ EPA 8081 ☐ 608 PCBs ☐ EPA 8082 ☐ 608
9. PNAs by ☐ 8270 ☐ 8310
10. CAM17 Metals (EPA 6010/7470/7471)
11. Metals: ☐ Lead ☐ LUFT ☐ RCRA ☐ Other:
12. Low Level Metals by EPA 200.8/6020 (ICP-MS):
13. ☐ W.E.T (STLC) ☐ TCLP
14. ☐ Hex. Chrom.(Specify Method) ☐ pH (24h hold time for H_2O)
15. ☐ Spec. Cond. ☐ Alkalinity ☐ TSS ☐ TDS
16. Anions: ☐ Cl ☐ SO_4 ☐ NO_3 ☐ F ☐ Br ☐ NO_2 ☐ PO_4

Sample ID	Date	Time	Matrix	Preserv	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16					Number of Containers
S-1	9/25/12	12:20	W	HCl	X	X	X																		
S-1	↓	↓	↓	↓																					
S-2																									
S-2							X																		
S-2	↓	↓	↓	↓																					

Project Info

Project Name: Olson
Project#: San Lorenzo
PO#:
Credit Card#:

Sample Receipt

of Containers: 5
Head Space:
Temp: 2.4°C
Conforms to record:

TAT: (5 Day) circled | 3 Day | 2 Day | 1 Day | Other:

Report: ☐ Routine ☐ Level 3 ☐ Level 4 ☐ EDD ☐ State Tank Fund EDF

Special Instructions / Comments: ☐ Global ID ______

1) Relinquished by:	2) Relinquished by:	3) Relinquished by:
Signature: [signature] Time: 12:40	Signature: [signature] Time: 1340	Signature: Time:
Printed Name: Kyle Emerson Date: 9/25/12	Printed Name: Ed Martinez Date: 9.25.12	Printed Name: Date:
Company: Stantec.	Company: TASF	Company:

1) Received by:	2) Received by:	3) Received by:
Signature: [signature] Time: 1240	Signature: [signature] Time: 1340	Signature: Time:
Printed Name: Ed Martinez Date: 9.25.12	Printed Name: [illegible] Date: 9/25/12	Printed Name: Date:
Company: TASF	Company: TASF	Company:

See Terms and Conditions on reverse
*TestAmerica SF reports 8015M from C_9-C_{24} (industry norm). Default for 8015B is C_{10}-C_{28}

Rev. 09/11

Login Sample Receipt Checklist

Client: Stantec Consulting Corp.

Job Number: 720-44737-1

Login Number: 44737

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Apostol, Anita

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX B
WDR WELL SURVEY LOCATIONS

County	Township	Section	Tract	Sequence	Log Number	Hyperlink to Image
ALA01	03S02W	18	B	1	01-1542	View Log 01-1542
ALA01	03S02W	18	B	6	01-439u	View Log 01-439u
ALA01	03S02W	18	C	1	32059	View Log 32059
ALA01	03S02W	18	C	2	298679	View Log 298679
ALA01	03S02W	18	C	3	298677	View Log 298677
ALA01	03S02W	18	D	1	01-1543	View Log 01-1543
ALA01	03S02W	18	F	3	106520	View Log 106520
ALA01	03S02W	18	F	4	107414	View Log 107414
ALA01	03S02W	18	F	5	298680	View Log 298680
ALA01	03S02W	18	F	6	298676	View Log 298676
ALA01	03S02W	18	F	7	298675	View Log 298675
ALA01	03S02W	18	G	1	32284	View Log 32284
ALA01	03S02W	18	G	2	01-099A	View Log 01-099A
ALA01	03S02W	18	G	2	01-099F	View Log 01-099F
ALA01	03S02W	18	G	2	01-099F	View Log 01-099F
ALA01	03S02W	18	G	3	01-099G	View Log 01-099G
ALA01	03S02W	18	G	3	164719	View Log 164719
ALA01	03S02W	18	G	4	164720	View Log 164720
ALA01	03S02W	18	G	7	328451	View Log 328451
ALA01	03S02W	18	G	8	332625	View Log 332625
ALA01	03S02W	18	G	9	332624	View Log 332624
ALA01	03S02W	18	G	10	319828	View Log 319828
ALA01	03S02W	18	G	11	319847	View Log 319847
ALA01	03S02W	18	G	12	328490	View Log 328490
ALA01	03S02W	18	G	13	383461	View Log 383461
ALA01	03S02W	18	G	14	298641	View Log 298641
ALA01	03S02W	18	G	15	298637	View Log 298637
ALA01	03S02W	18	G	16	298638	View Log 298638
ALA01	03S02W	18	G	17	298639	View Log 298639
ALA01	03S02W	18	G	18	464308	View Log 464308
ALA01	03S02W	18	G	19	424907A	View Log 424907A
ALA01	03S02W	18	G	20	424907B	View Log 424907B
ALA01	03S02W	18	G	21	464306A	View Log 464306A
ALA01	03S02W	18	G	22	464306B	View Log 464306B
ALA01	03S02W	18	G	23	424777A	View Log 424777A
ALA01	03S02W	18	G	23	424777A	View Log 424777A
ALA01	03S02W	18	G	24	424777B	View Log 424777B
ALA01	03S02W	18	G	25	424777C	View Log 424777C
ALA01	03S02W	18	G		01-099B	View Log 01-099B
ALA01	03S02W	18	G		01-099C	View Log 01-099C
ALA01	03S02W	18	G		01-099D	View Log 01-099D
ALA01	03S02W	18	G		01-099E	View Log 01-099E
ALA01	03S02W	18	G		464309	View Log 464309
ALA01	03S02W	18	G		464309	View Log 464309
ALA01	03S02W	18	G		46430A1	View Log 46430A1
ALA01	03S02W	18	G		46430A2	View Log 46430A2

ALA01	03S02W	18	G		464309A	View Log 464309A
ALA01	03S02W	18	G		464309B	View Log 464309B
ALA01	03S02W	18	G		464309C	View Log 464309C
ALA01	03S02W	18	G		464309D	View Log 464309D
ALA01	03S02W	18	G		464309E	View Log 464309E
ALA01	03S02W	18	G		464309F	View Log 464309F
ALA01	03S02W	18	G		464309G	View Log 464309G
ALA01	03S02W	18	G		464309H	View Log 464309H
ALA01	03S02W	18	G		464309I	View Log 464309I
ALA01	03S02W	18	G		464309J	View Log 464309J
ALA01	03S02W	18	G		464309K	View Log 464309K
ALA01	03S02W	18	G		464309L	View Log 464309L
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ALA01	03S02W	18	G		464309N	View Log 464309N
ALA01	03S02W	18	G		464309O	View Log 464309O
ALA01	03S02W	18	G		464309P	View Log 464309P
ALA01	03S02W	18	G		464309	View Log 464309
ALA01	03S02W	18	G		464309Q	View Log 464309Q
ALA01	03S02W	18	G		464309R	View Log 464309R
ALA01	03S02W	18	G		464309S	View Log 464309S
ALA01	03S02W	18	G		464309T	View Log 464309T
ALA01	03S02W	18	G		464309U	View Log 464309U
ALA01	03S02W	18	G		464309V	View Log 464309V
ALA01	03S02W	18	G		464309W	View Log 464309W
ALA01	03S02W	18	G		464309X	View Log 464309X
ALA01	03S02W	18	G		464309Y	View Log 464309Y
ALA01	03S02W	18	G		464309Z	View Log 464309Z
ALA01	03S02W	18	J	1	01-1544	View Log 01-1544
ALA01	03S02W	18	J	2	291815	View Log 291815
ALA01	03S02W	18	J	2	01-1549	View Log 01-1549
ALA01	03S02W	18	J	3	01-1545	View Log 01-1545
ALA01	03S02W	18	J	4	01-1546	View Log 01-1546
ALA01	03S02W	18	J	5	01-1547	View Log 01-1547
ALA01	03S02W	18	J	8	01-1548	View Log 01-1548
ALA01	03S02W	18	K	3	62506	View Log 62506
ALA01	03S02W	18	K	81	120359	View Log 120359
ALA01	03S02W	18	K	82	120358	View Log 120358
ALA01	03S02W	18	P	1	01-207	View Log 01-207
ALA01	03S02W	18	Q	2	245031	View Log 245031
ALA01	03S02W	18	R	1	01-1550	View Log 01-1550
ALA01	03S02W	18	R	2	299151	View Log 299151
ALA01	03S02W	18	R	4	01-078A	View Log 01-078A
ALA01	03S02W	18	R	5	01-078B	View Log 01-078B
ALA01	03S02W	18	R	6	01-078C	View Log 01-078C
ALA01	03S02W	18	R	7	179214	View Log 179214
ALA01	03S02W	18	R	8	179215	View Log 179215
ALA01	03S02W	18	R	9	179216	View Log 179216

ALA01	03S02W	18	R	10	01-409A	View Log 01-409A
ALA01	03S02W	18	R	10	01-409A	View Log 01-409A
ALA01	03S02W	18	R	10	259804	View Log 259804
ALA01	03S02W	18	R	11	01-409B	View Log 01-409B
ALA01	03S02W	18	R	11	259778	View Log 259778
ALA01	03S02W	18	R	12	01-409C	View Log 01-409C
ALA01	03S02W	18	R	14	288317	View Log 288317
ALA01	03S02W	18	R	15	288320	View Log 288320
ALA01	03S02W	18	R	16	288319	View Log 288319
ALA01	03S02W	18	R	17	288341	View Log 288341
ALA01	03S02W	18	R	18	308390A	View Log 308390A
ALA01	03S02W	18	R	19	308390B	View Log 308390B
ALA01	03S02W	18	R	20	308390C	View Log 308390C
ALA01	03S02W	18	R	21	308390D	View Log 308390D
ALA01	03S02W	18	R	22	308390E	View Log 308390E
ALA01	03S02W	18	R	23	308390F	View Log 308390F
ALA01	03S02W	18	R	24	308390G	View Log 308390G
ALA01	03S02W	18	R	25	288346	View Log 288346
ALA01	03S02W	18	R	26	288347	View Log 288347
ALA01	03S02W	18	R	28	413666	View Log 413666
ALA01	03S02W	18	R	29	423778	View Log 423778
ALA01	03S02W	18	R	30	423757	View Log 423757
ALA01	03S02W	18	R	31	423756	View Log 423756
ALA01	03S02W	18	R	32	423755	View Log 423755
ALA01	03S02W	18	R	33	579440A	View Log 579440A
ALA01	03S02W	18	R	34	579441	View Log 579441
ALA01	03S02W	18	R	35	579442	View Log 579442
ALA01	03S02W	18	R	36	579423	View Log 579423
ALA01	03S02W	18	R	37	579413	View Log 579413
ALA01	03S02W	18	R	38	579414	View Log 579414
ALA01	03S02W	18	R	39	579415	View Log 579415
ALA01	03S02W	18	R		259778A	View Log 259778A
ALA01	03S02W	18	R		259778C	View Log 259778C
ALA01	03S02W	18	R		01-430V	View Log 01-430V
ALA01	03S02W	18	R		01-430W	View Log 01-430W
ALA01	03S02W	18	R		308390I	View Log 308390I
ALA01	03S02W	18	R		308390H	View Log 308390H
ALA01	03S02W	18	R		308390J	View Log 308390J
ALA01	03S02W	18	R		308390K	View Log 308390K
ALA01	03S02W	18	R		308390L	View Log 308390L
ALA01	03S02W	18	R		308390M	View Log 308390M
ALA01	03S02W	18	R		308390H	View Log 308390H
ALA01	03S02W	18			268678	View Log 268678
ALA01	03S02W	18			298628	View Log 298628
ALA01	03S02W	18			88019	View Log 88019
ALA01	03S02W	18			01-099	View Log 01-099
ALA01	03S02W	18			424222D	View Log 424222D

ALA01	03S02W	18			106453	View Log 106453
ALA01	03S02W	18			33876	View Log 33876
ALA01	03S02W	18			106460	View Log 106460
ALA01	03S02W	18			33121	View Log 33121
ALA01	03S02W	18			308390	View Log 308390
ALA01	03S03W	13	A	5	291711	View Log 291711
ALA01	03S03W	13	A	6	291710	View Log 291710
ALA01	03S03W	13	B	12	299109	View Log 299109
ALA01	03S03W	13	H	2	01-355	View Log 01-355
ALA01	03S03W	13	J	5	01-422G	View Log 01-422G
ALA01	03S03W	13	K	6	01-448Z	View Log 01-448Z
ALA01	03S03W	13	M	2	194982	View Log 194982
ALA01	03S03W	13	M	3	200101	View Log 200101
ALA01	03S03W	13	N	1	315863	View Log 315863
ALA01	03S03W	13	N	2	315862	View Log 315862
ALA01	03S03W	13	N	3	365324	View Log 365324
ALA01	03S03W	13	R	4	01-422H	View Log 01-422H
ALA01	03S03W	13			291710-M	View Log 291710-M
ALA01	03S03W	13			291710-N	View Log 291710-N
ALA01	03S03W	13			01-2382	View Log 01-2382
ALA01	03S03W	13			32271	View Log 32271
ALA01	03S03W	13			33918	View Log 33918
ALA01	03S03W	13			106007	View Log 106007
ALA01	03S03W	13			32763	View Log 32763
ALA01	03S03W	13			622	View Log 622
ALA01	03S03W	13			106514	View Log 106514
ALA01	03S03W	13			01-2383	View Log 01-2383
ALA01	03S03W	13			107095	View Log 107095
ALA01	03S03W	13			32765	View Log 32765
ALA01	03S03W	13			32579	View Log 32579
ALA01	03S03W	13			32082	View Log 32082
ALA01	03S03W	13			106372	View Log 106372
ALA01	03S03W	13			33439	View Log 33439
ALA01	03S03W	13			106407	View Log 106407
ALA01	03S03W	13			106101	View Log 106101
ALA01	03S03W	13			106138	View Log 106138
ALA01	03S03W	13			32068	View Log 32068

Owner_Name	Well_Address	wner_Numb	Community
LARSON, KENNETH T.			SAN LEANDRO
GLASSOW, ANDRES			SAN LORENZO
ROBERTSON, HORACE			SAN LORENZO
ARCO STATION 608			SAN LORENZO
ARCO STATION 608			SAN LORENZO
CHRIST LUTHERN CHURCH			SAN LEANDRO
NEAL, PERCY F.			SAN LORENZO
LE ROY, WALLACE W			SAN LORENZO
ARCO STATION 608			SAN LORENZO
ARCO STATION 608			SAN LORENZO
ARCO STATION 608			SAN LORENZO
BARTON, LEWIS W.			HAYWARD
ATLANTIC RICHFIELD			SAN LORENZO
ATLANTIC RICHFIELD			SAN LORENZO
ATLANTIC RICHFIELD			SAN LORENZO
ATLANTIC RICHFIELD			SAN LORENZO
ARCO PETROLEUM PROD			SAN LORENZO
ARCO PETROLEUM PROD			SAN LORENZO
ARCO STATION 608			SAN LORENZO
ARCO STATION 608			SAN LORENZO
ARCO STATION 608			SAN LORENZO
ARCO STATION 608			SAN LORENZO
ARCO STATION 608			SAN LORENZO
ARCO PETROLEUM PROD			SAN LORENZO
ARCO PETROLEUM PROD			SAN LORENZO
ARCO PETROLEUM PROD			SAN LORENZO
ARCO PETROLEUM PROD			SAN LORENZO
ARCO PETROLEUM PROD			SAN LORENZO
ARCO PETROLEUM PROD			SAN LORENZO
ARCO PRODUCTS CO 608			SAN LORENZO
ARCO PRODUCTS CO 608			SAN LORENZO
ARCO PRODUCTS CO 608			SAN LORENZO
ARCO PRODUCTS CO 608			SAN LORENZO
ARCO PRODUCTS CO 608			SAN LORENZO
B P OIL CO 11107			SAN LORENZO
B P OIL CO 11107			SAN LORENZO
B P OIL CO 11107			SAN LORENZO
B P OIL CO 11107			SAN LORENZO
ATLANTIC RICHFIELD			SAN LORENZO
ATLANTIC RICHFIELD			SAN LORENZO
ATLANTIC RICHFIELD			SAN LORENZO
ATLANTIC RICHFIELD			SAN LORENZO
ARCO PRODUCTS CO 608			SAN LORENZO
ARCO PRODUCTS CO 608			SAN LORENZO
ARCO PRODUCTS CO 608			SAN LORENZO
ARCO PRODUCTS CO 608			SAN LORENZO

ARCO PRODUCTS CO 608	SAN LORENZO
ARCO PRODUCTS CO 608	SAN LORENZO
ARCO PRODUCTS CO 608	SAN LORENZO
ARCO PRODUCTS CO 608	SAN LORENZO
ARCO PRODUCTS CO 608	SAN LORENZO
ARCO PRODUCTS CO 608	SAN LORENZO
ARCO PRODUCTS CO 608	SAN LORENZO
ARCO PRODUCTS CO 608	SAN LORENZO
ARCO PRODUCTS CO 608	SAN LORENZO
ARCO PRODUCTS CO 608	SAN LORENZO
ARCO PRODUCTS CO 608	SAN LORENZO
ARCO PRODUCTS CO 608	SAN LORENZO
ARCO PRODUCTS CO 608	SAN LORENZO
ARCO PRODUCTS CO 608	SAN LORENZO
ARCO PRODUCTS CO 608	SAN LORENZO
ARCO PRODUCTS CO 608	SAN LORENZO
ARCO PRODUCTS CO 608	SAN LORENZO
ARCO PRODUCTS CO 608	SAN LORENZO
ARCO PRODUCTS CO 608	SAN LORENZO
ARCO PRODUCTS CO 608	SAN LORENZO
ARCO PRODUCTS CO 608	SAN LORENZO
ARCO PRODUCTS CO 608	SAN LORENZO
ARCO PRODUCTS CO 608	SAN LORENZO
ARCO PRODUCTS CO 608	SAN LORENZO
ARCO PRODUCTS CO 608	SAN LORENZO
ARCO PRODUCTS CO 608	SAN LORENZO
ARCO PRODUCTS CO 608	SAN LORENZO
LOURIE, FRED	HAYWARD
KAUFMAN & BROAD	HAYWARD
MINANI, T.	
BEAR	
HANSEN, BILL	HAYWARD
BRETCHEL	HAYWARD
DEL RIO, FRANK	
HARD	HAYWARD
HARD	HAYWARD
HARD	HAYWARD
HAYWARD RECREATION	HAYWARD
EAST BAY DISCHARGER	HAYWARD
WEBBER, CHARLES	
FELSON, STAN	HAYWARD
BEECHCRAFT WEST	HAYWARD
BEECHCRAFT WEST	HAYWARD
BEECHCRAFT WEST	HAYWARD
ARCO PETROLEUM PROD	HAYWARD
ARCO PETROLEUM PROD	HAYWARD
ARCO PETROLEUM PROD	HAYWARD

TEXACO INC			HAYWARD
TEXACO INC			HAYWARD
TEXACO INC			HAYWARD
TEXACO INC			HAYWARD
TEXACO INC			HAYWARD
TEXACO INC			HAYWARD
TEXACO INC			HAYWARD
TEXACO INC			HAYWARD
TEXACO INC			HAYWARD
TEXACO REFINING/MKT			HAYWARD
UNOCAL STATION 5590			HAYWARD
UNOCAL STATION 5590			HAYWARD
UNOCAL STATION 5590			HAYWARD
UNOCAL STATION 5590			HAYWARD
UNOCAL STATION 5590			HAYWARD
UNOCAL STATION 5590			HAYWARD
UNOCAL STATION 5590			HAYWARD
TEXACO REFINING/MKT			HAYWARD
TEXACO REFINING/MKT			HAYWARD
UNOCAL STATION 5590			HAYWARD
ARCO PRODUCTS CO			HAYWARD
ARCO PRODUCTS CO			HAYWARD
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ARCO PRODUCTS CO			HAYWARD
ARCO PRODUCTS CO	20200 HESPERIAN BLVD	AS-1	SAN LORENZO
ARCO PRODUCTS CO			SAN LORENZO
ARCO PRODUCTS CO			SAN LORENZO
ARCO PRODUCTS CO			HAYWARD
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ARCO PRODUCTS CO			HAYWARD
TEXACO INC			HAYWARD
TEXACO INC			HAYWARD
FLIGHTCRAFT			HAYWARD
FLIGHTCRAFT			HAYWARD
UNOCAL STATION 5590			HAYWARD
UNOCAL STATION 5590			HAYWARD
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UNOCAL STATION 5590			HAYWARD
UNOCAL STATION 5590			HAYWARD

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SAN LORENZO COMM CHU	SAN LORENZO
CITATION BUILDERS	SAN LORENZO
JONES, SHIRLEY S	SAN LORENZO
SHARP, TOM	SAN LORENZO
DRUREY, JAMES	SAN LORENZO
BANK OF CALIFORNIA	SAN LORENZO
CROWN METAL MFG CO	SAN LORENZO
CROWN METAL MANUFACT	SAN LORENZO
CROWN METAL MANUFACT	SAN LORENZO
CROWN METAL MFG	SAN LORENZO
ZOLLER, R G	SAN LORENZO

APNBook	APNPage	APNLot	DrillerID
			OWNER OF WELL,,66,30
			OWNER OF WELL,,66,30
			OWNER OF WELL,,66,30
			BAYLAND DRILLING COMPANY,MENLO PARK,1370,395
			BAYLAND DRILLING COMPANY,MENLO PARK,1370,395
			MYERS BROS., DRILLING INC.,HANFORD,600,217
			OWNER OF WELL,,66,30
			BAYLAND DRILLING COMPANY,MENLO PARK,1370,395
			BAYLAND DRILLING COMPANY,MENLO PARK,1370,395
			BAYLAND DRILLING COMPANY,MENLO PARK,1370,395
			OWNER OF WELL,,66,30
			BAYLAND DRILLING COMPANY,MENLO PARK,1370,395
			OWNER OF WELL,,66,30
			OWNER OF WELL,,66,30
			OWNER OF WELL,,66,30
			DATUM EXPLORATION,PITTSBURG,1518,471
			DATUM EXPLORATION,PITTSBURG,1518,471
			BAYLAND DRILLING COMPANY,MENLO PARK,1370,395
			BAYLAND DRILLING COMPANY,MENLO PARK,1370,395
			BAYLAND DRILLING COMPANY,MENLO PARK,1370,395
			BAYLAND DRILLING COMPANY,MENLO PARK,1370,395
			BAYLAND DRILLING COMPANY,MENLO PARK,1370,395
			WEST HAZMAT DRILLING CORP,NEWARK,1621,561
			WEST HAZMAT DRILLING CORP,NEWARK,1621,561
			WEST HAZMAT DRILLING CORP,NEWARK,1621,561
			WEST HAZMAT DRILLING CORP,NEWARK,1621,561
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			WEST HAZMAT DRILLING CORP,NEWARK,1621,561
			WEST HAZMAT DRILLING CORP,NEWARK,1621,561
			GREAT SIERRA EXPLORATION,NOVATO,1763,702
			GREAT SIERRA EXPLORATION,NOVATO,1763,702
			GREAT SIERRA EXPLORATION,NOVATO,1763,702
			GREAT SIERRA EXPLORATION,NOVATO,1763,702
			BAYLAND DRILLING COMPANY,MENLO PARK,1370,395
			BAYLAND DRILLING COMPANY,MENLO PARK,1370,395
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			BAYLAND DRILLING COMPANY,MENLO PARK,1370,395
			WEST HAZMAT DRILLING CORP,NEWARK,1621,561
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WEST HAZMAT DRILLING CORP,NEWARK,1621,561
WEST HAZMAT DRILLING CORP,NEWARK,1621,561
DE LUCCHI WELL AND PUMP, INC.,FREMONT,118,53
DE LUCCHI WELL AND PUMP, INC.,FREMONT,118,53
MURPHY PUMP AND SUPPLY COMPANY,WATSONVILLE,157,72
DE LUCCHI WELL AND PUMP, INC.,FREMONT,118,53
DE LUCCHI WELL AND PUMP, INC.,FREMONT,118,53
DE LUCCHI WELL AND PUMP, INC.,FREMONT,118,53
MYERS BROS., DRILLING INC.,HANFORD,600,217
MARTELL WATER SYSTEMS INC,PITTSBURG,5109,157
DE LUCCHI WELL AND PUMP, INC.,FREMONT,118,53
DE LUCCHI WELL AND PUMP, INC.,FREMONT,118,53
AQUA SCIENCE ENGINEERING, INC,SAN RAMON,1558,498
DE LUCCHI WELL AND PUMP, INC.,FREMONT,118,53
DE LUCCHI WELL AND PUMP, INC.,FREMONT,118,53
DE LUCCHI WELL AND PUMP, INC.,FREMONT,118,53
EXCELTECH, INC.,FREMONT,1486,447
EXCELTECH, INC.,FREMONT,1486,447
EXCELTECH, INC.,FREMONT,1486,447
SIERRA PACIFIC EXPLORATION INC,CARMICHAEL,1512,465
SIERRA PACIFIC EXPLORATION INC,CARMICHAEL,1512,465
SIERRA PACIFIC EXPLORATION INC,CARMICHAEL,1512,465

CARVER, JOHN DRILLING, INC.,SAN FRANCISCO,1483,445
CARVER, JOHN DRILLING, INC.,SAN FRANCISCO,1483,445
MAGGIORA BROS. DRILLING, INC.,WATSONVILLE,2499,69
CARVER, JOHN DRILLING, INC.,SAN FRANCISCO,1483,445
MAGGIORA BROS. DRILLING, INC.,WATSONVILLE,2499,69
CARVER, JOHN DRILLING, INC.,SAN FRANCISCO,1483,445
MAGGIORA BROS. DRILLING, INC.,WATSONVILLE,2499,69
MAGGIORA BROS. DRILLING, INC.,WATSONVILLE,2499,69
MAGGIORA BROS. DRILLING, INC.,WATSONVILLE,2499,69
MAGGIORA BROS. DRILLING, INC.,WATSONVILLE,2499,69
EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484
EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484
EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484
EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484
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EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484
EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484
HEW DRILLING COMPANY,PALO ALTO,-6049,297
HEW DRILLING COMPANY,PALO ALTO,-6049,297
WEST HAZMAT DRILLING CORP,NEWARK,1621,561
BAYLAND DRILLING COMPANY,MENLO PARK,1370,395
BAYLAND DRILLING COMPANY,MENLO PARK,1370,395
BAYLAND DRILLING COMPANY,MENLO PARK,1370,395
BAYLAND DRILLING COMPANY,MENLO PARK,1370,395
WEST HAZMAT DRILLING CORP,NEWARK,1621,561
WEST HAZMAT DRILLING CORP,NEWARK,1621,561
WEST HAZMAT DRILLING CORP,NEWARK,1621,561
BAYLAND DRILLING COMPANY,MENLO PARK,1370,395
WEST HAZMAT DRILLING CORP,NEWARK,1621,561
WEST HAZMAT DRILLING CORP,NEWARK,1621,561
WEST HAZMAT DRILLING CORP,NEWARK,1621,561
MAGGIORA BROS. DRILLING, INC.,WATSONVILLE,2499,69
MAGGIORA BROS. DRILLING, INC.,WATSONVILLE,2499,69
R N L ENTERPRISES,DILLON BEACH,1537,480
R N L ENTERPRISES,DILLON BEACH,1537,480
EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484
EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484
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EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484

MARTELL WATER SYSTEMS INC,PITTSBURG,5109,157
MARTELL WATER SYSTEMS INC,PITTSBURG,5109,157
DE LUCCHI WELL AND PUMP, INC.,FREMONT,118,53
OWNER OF WELL,,66,30
OWNER OF WELL,,66,30
OWNER OF WELL,,66,30
WEST TEK SUPPLY, INC.,SAN JOSE,1492,451
DATUM EXPLORATION,PITTSBURG,1518,471
EXCELTECH, INC.,FREMONT,1486,447
EXCELTECH, INC.,FREMONT,1486,447
EXCELTECH, INC.,FREMONT,1486,447
OWNER OF WELL,,66,30

CompletionDate	WorkType	WaterUse	CsgDiamete
09/15/1950	New Well	Irrigation	6
06/24/1989	New Well	Irrigation	8
03/13/1977	New Well	Irrigation	4
10/03/1991	New Well	Monitoring	3
10/03/1991	New Well	Monitoring	3
02/26/1953	New Well	Domestic	6
07/19/1977	New Well	Irrigation	4
05/01/1989	New Well		4
10/03/1991	New Well	Monitoring	3
10/02/1991	New Well	Monitoring	3
10/02/1991	New Well	Monitoring	3
05/07/1977	New Well	Domestic	4
10/01/1985	New Well	Monitoring	3
07/13/1988	Abandonment or destruction	Unused	2
07/13/1988	Abandonment or destruction	Unused	2
07/13/1988	Abandonment or destruction	Unused	2
01/20/1988	New Well	Monitoring	2
01/20/1988	New Well	Monitoring	4
03/29/1990	New Well	Monitoring	3
03/29/1990	New Well	Monitoring	3
04/05/1990	New Well	Monitoring	3
04/05/1990	New Well	Monitoring	3
04/05/1990	New Well	Monitoring	3
07/18/1990	New Well	Monitoring	6
06/25/1991	New Well	Monitoring	3
06/25/1991	New Well	Monitoring	3
06/25/1991	New Well	Monitoring	3
06/25/1991	New Well	Monitoring	3
06/25/1991	New Well	Monitoring	3
03/17/1993	New Well	Monitoring	2
03/18/1993	New Well	Monitoring	2
03/18/1993	New Well	Monitoring	2
03/17/1993	New Well	Monitoring	2
03/19/1993	New Well	Monitoring	2
10/23/1992	New Well	Monitoring	2
10/23/1992	New Well	Monitoring	2
10/23/1992	New Well	Monitoring	2
10/23/1992	New Well	Monitoring	2
10/01/1985	Backfilled dry hole or test well	Geophysical exploration	5
10/01/1985	Backfilled dry hole or test well	Geophysical exploration	8
10/01/1985	Backfilled dry hole or test well	Geophysical exploration	8
10/01/1985	Backfilled dry hole or test well	Geophysical exploration	5
03/08/1993	Test well: soil sampling or exploration hole	Monitoring	1
03/08/1993	Test well: soil sampling or exploration hole	Monitoring	1
03/13/1993	Test well: soil sampling or exploration hole	Monitoring	1
03/13/1993	Test well: soil sampling or exploration hole	Monitoring	1

03/09/1993	Test well: soil sampling or exploration hole	Monitoring	1
03/09/1993	Test well: soil sampling or exploration hole	Monitoring	1
03/10/1993	Test well: soil sampling or exploration hole	Monitoring	1
03/10/1993	Test well: soil sampling or exploration hole	Monitoring	1
03/10/1993	Test well: soil sampling or exploration hole	Monitoring	1
03/11/1993	Test well: soil sampling or exploration hole	Monitoring	1
03/10/1993	Test well: soil sampling or exploration hole	Monitoring	1
03/10/1993	Test well: soil sampling or exploration hole	Monitoring	1
03/10/1993	Test well: soil sampling or exploration hole	Monitoring	1
03/10/1993	Test well: soil sampling or exploration hole	Monitoring	1
03/10/1993	Test well: soil sampling or exploration hole	Monitoring	1
03/10/1993	Test well: soil sampling or exploration hole	Monitoring	1
03/11/1993	Test well: soil sampling or exploration hole	Monitoring	1
03/11/1993	Test well: soil sampling or exploration hole	Monitoring	1
04/06/1993	Test well: soil sampling or exploration hole	Monitoring	1
03/11/1993	Test well: soil sampling or exploration hole	Monitoring	1
03/08/1993	Test well: soil sampling or exploration hole	Monitoring	1
03/11/1993	Test well: soil sampling or exploration hole	Monitoring	1
03/11/1993	Test well: soil sampling or exploration hole	Monitoring	1
04/06/1993	Test well: soil sampling or exploration hole	Monitoring	1
03/11/1993	Test well: soil sampling or exploration hole	Monitoring	1
03/11/1993	Test well: soil sampling or exploration hole	Monitoring	1
03/11/1993	Test well: soil sampling or exploration hole	Monitoring	1
04/06/1993	Test well: soil sampling or exploration hole	Monitoring	1
03/13/1993	Test well: soil sampling or exploration hole	Monitoring	1
03/13/1993	Test well: soil sampling or exploration hole	Monitoring	1
03/13/1993	Test well: soil sampling or exploration hole	Monitoring	1
09/18/1953	New Well	Domestic	8
01/11/1989	Abandonment or destruction	Unused	7
	New Well		
	New Well		
09/01/1946	New Well		
09/01/1948	New Well		8
05/23/1951	New Well	Domestic	6
03/25/1978	New Well	Irrigation	9
01/23/1974	Abandonment or destruction	Unused	
01/24/1974	Abandonment or destruction	Unused	
07/14/1986	New Well	Monitoring	2
07/29/1982	New Well	Monitoring	4
12/01/1948	New Well		
07/06/1988	Abandonment or destruction	Unused	
06/27/1985	New Well	Monitoring	2
06/27/1985	New Well	Monitoring	2
06/28/1985	New Well	Monitoring	2
08/07/1986	New Well	Monitoring	2
08/08/1986	New Well	Monitoring	2
08/08/1986	New Well	Monitoring	2

06/15/1988	New Well	Monitoring	2
06/15/1988	New Well	Monitoring	2
09/30/1988	New Well	Monitoring	4
06/15/1988	New Well	Monitoring	2
09/30/1988	New Well	Monitoring	4
06/15/1988	New Well	Monitoring	2
06/05/1989	New Well	Monitoring	4
06/29/1989	New Well	Monitoring	4
06/29/1989	New Well	Monitoring	4
11/30/1989	New Well	Monitoring	4
02/15/1990	New Well	Monitoring	2
02/09/1990	New Well	Monitoring	2
02/14/1990	New Well	Monitoring	2
02/14/1990	New Well	Monitoring	2
02/14/1990	New Well	Monitoring	2
02/09/1990	New Well	Monitoring	2
02/09/1990	New Well	Monitoring	2
03/16/1990	New Well	Monitoring	2
03/16/1990	New Well	Monitoring	2
04/02/1992	New Well	Monitoring	2
12/20/1991	New Well	Monitoring	3
10/29/1991	New Well	Monitoring	3
10/30/1991	New Well	Monitoring	3
10/30/1991	New Well	Monitoring	3
03/10/1993	New Well	Monitoring	1
03/17/1993	New Well	Monitoring	1
03/16/1993	New Well	Monitoring	6
11/18/1992	New Well	Monitoring	2
08/26/1992	New Well	Monitoring	6
08/25/1992	New Well	Monitoring	2
08/25/1992	New Well	Monitoring	2
09/29/1988	Test well: soil sampling or exploration hole	Monitoring	
09/29/1988	Test well: soil sampling or exploration hole	Monitoring	
08/29/1989	Test well: soil sampling or exploration hole	Monitoring	
08/29/1989	Test well: soil sampling or exploration hole	Monitoring	
11/06/1989	Test well: soil sampling or exploration hole	Monitoring	9
11/06/1989	Test well: soil sampling or exploration hole	Monitoring	9
11/06/1989	Test well: soil sampling or exploration hole	Monitoring	9
11/06/1989	Test well: soil sampling or exploration hole	Monitoring	9
11/06/1989	Test well: soil sampling or exploration hole	Monitoring	9
11/06/1989	Test well: soil sampling or exploration hole	Monitoring	9
11/06/1989	Test well: soil sampling or exploration hole	Monitoring	9

07/19/1990	New Well	Irrigation	5
08/08/1990	Abandonment or destruction	Unused	6
10/27/1987	Abandonment or destruction	Unused	10
05/30/1988	New Well	Domestic	6
02/27/1989	New Well	Irrigation	
09/14/1989	Abandonment or destruction	Unused	
07/07/1987	New Well	Monitoring	2
03/23/1987	New Well	Monitoring	
11/28/1989	New Well	Monitoring	2
11/28/1989	New Well	Extraction	6
04/05/1991	New Well	Monitoring	2
03/04/1989	New Well	Irrigation	7

TopPerf	BottPerf	Depth	StaticWL	WellYield	eldUnitsCo	talDrawdown
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175	190	202	20	1
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80	96	100		
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52	65	69	50	
25	75	75	12	14
35	155	155	165	
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