

R0451



August 3, 2004

Approved for Release
AUG 09 2004
Environmental Sciences Division

**SEMI-ANNUAL GROUNDWATER MONITORING REPORT
JULY 2004 GROUNDWATER SAMPLING
ASE JOB NO. 3411
at
Hutch's Carwash
17945 Hesperian Boulevard
San Lorenzo, California**

**Submitted by:
AQUA SCIENCE ENGINEERS, INC.
208 West El Pintado Road
Danville, CA 94526
(925) 820-9391**

1.0 INTRODUCTION

The following is a report detailing the results of the July 2004 semi-annual groundwater sampling at the Hutch's Carwash property located at 17945 Hesperian Boulevard in San Lorenzo, California (Figures 1 and 2).

2.0 GROUNDWATER FLOW DIRECTION AND GRADIENT

On July 14, 2004, ASE measured the depth to water in each site monitoring well using an electric water level sounder. The surface of the groundwater was also checked for the presence of free-floating hydrocarbons or sheen. No free-floating hydrocarbons or sheen were observed in any of the monitoring wells. Groundwater elevation data is presented in Table One.

The groundwater flow is to the northwest at a shallow gradient of 0.003-feet/foot. Groundwater elevation (potentiometric surface) contours are plotted on Figure 2.

3.0 GROUNDWATER SAMPLE COLLECTION AND ANALYSIS

On June 14, 2004, ASE collected a groundwater sample from monitoring well MW-1 for analyses. Monitoring well MW-3 is no longer being sampled because hydrocarbons have not been detected since its installation. Monitoring well MW-2 is also no longer being sampled in accordance with a letter from the Alameda County Health Care Services Agency (ACHCSA) dated August 12, 2002 stating MW-2 may be excluded from further sampling events until further notice. Prior to sampling, monitoring well MW-1 was purged of three well casing volumes of groundwater. The pH, temperature, and conductivity of the purge water were monitored during evacuation, and samples were not collected until these parameters stabilized. Samples were collected using a disposable polyethylene bailer. The groundwater samples were decanted from the bailer into 40-ml volatile organic analysis (VOA) vials, preserved with hydrochloric acid, labeled, and stored on ice for transport to Severn Trent Laboratories (STL) San Francisco, Inc. of Pleasanton, California under appropriate chain of custody documentation.

The well sampling purge water was contained in sealed and labeled 55-gallon steel drums. The well sampling field logs are included as Appendix A.

The groundwater samples were analyzed by STL San Francisco for total petroleum hydrocarbons as gasoline (TPH-G) by modified EPA Method

5030/8015 and benzene, toluene, ethyl benzene, and total xylenes (collectively known as BTEX) and methyl tertiary butyl ether (MTBE) by EPA Method 8021B.

The analytical results are tabulated in Table Two, and copies of the certified analytical report and chain of custody form are included in Appendix B.

4.0 CONCLUSIONS

Hydrocarbon concentrations in monitoring well MW-1 have decreased and the benzene and total xylenes concentrations have notably fallen below the laboratory method reporting limits. Monitoring well MW-2 was removed from the sampling schedule in October 2002 in accordance with a letter from the ACHCSA dated August 12, 2002. Monitoring well MW-3 was removed from the sampling schedule in January 2001 because hydrocarbons had not been detected since its installation.

The groundwater samples collected from monitoring well MW-1 contained 220 parts per billion (ppb) TPH-G, 8.1 ppb ethyl benzene, and 140 ppb MTBE.

The MTBE concentration in the groundwater sample collected from monitoring well MW-1 exceeded the California Department of Health Services (DHS) maximum contaminant levels (MCLs) for drinking water. However, it did not exceed the California Regional Water Quality Control Board, San Francisco Bay Region (CRWQCB) Environmental Screening Levels (ESLs) presented in the "Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater" document dated July 2003 where water is not a current or potential source of drinking water.

5.0 RECOMMENDATIONS

ASE recommends continued semi-annual monitoring of the site. The next sampling event is scheduled for January 2005. ASE will also complete the requested area well survey once we receive a signed letter from the ACHCSA requesting this survey. The signed letter is required to access state records.

6.0 REPORT LIMITATIONS

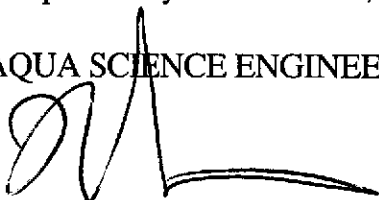
The results presented in this report represent conditions at the time of groundwater sampling, at the specific locations where the samples were collected, and for the specific parameters analyzed by the laboratory.

It does not fully characterize the site for contamination resulting from unknown sources, or for parameters not analyzed by the laboratory. All of the laboratory work cited in this report was prepared under the direction of an independent CAL-DHS certified laboratory. The independent laboratory is solely responsible for the contents and conclusions of the chemical analysis data.

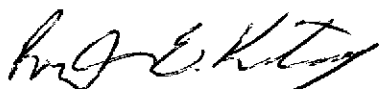
Aqua Science Engineers appreciates the opportunity to provide environmental consulting services for this project. Should you have any questions or comments, please feel free to call us at (925) 820-9391.

Respectfully submitted,

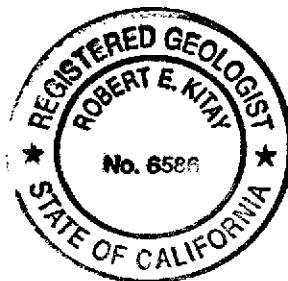
AQUA SCIENCE ENGINEERS, INC.



Damian Hriciga
Project Geologist



Robert E. Kitay, R.G., R.E.A.
Senior Geologist



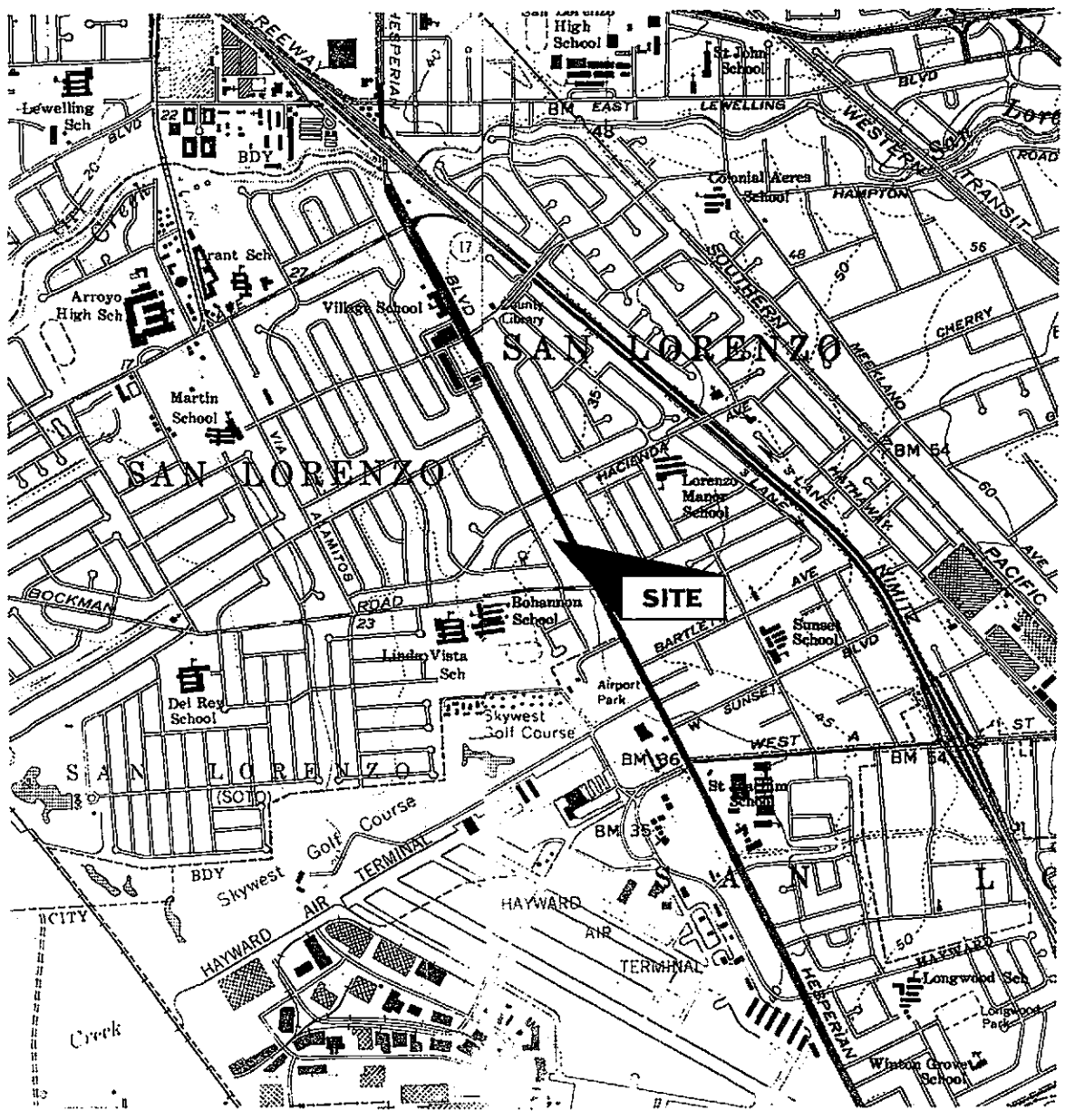
Attachments: Figures 1 and 2
Appendices A and B

cc: Mr. Kirk Hutchison, Hutch's Car Wash
Mr. Scott Seery, Alameda County Health Care Services Agency
Mr. Chuck Headlee, California Regional Water Quality Control Board



NORTH

NOT TO SCALE

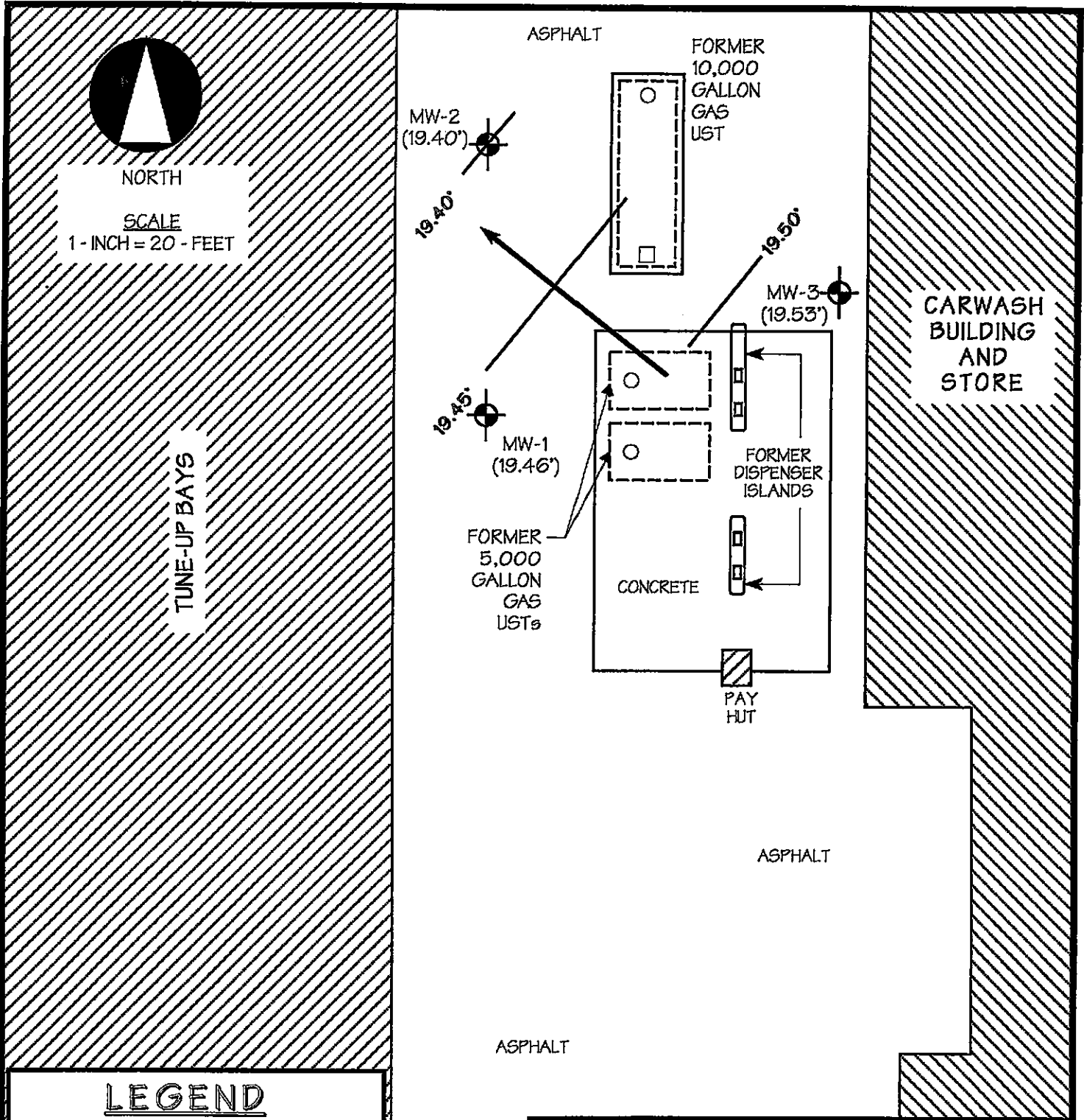


LOCATION MAP




Hutch's Carwash
 17945 Hesperian Boulevard
 San Lorenzo, California

AQUA SCIENCE ENGINEERS, INC.

Figure 1



LEGEND

- 
 MW-1 (20.27') Monitoring well with groundwater elevation
- 
 Groundwater elevation contour
- 
 Observed groundwater flow direction

GROUNDWATER ELEVATION CONTOUR MAP -7114/04

HUTCH'S CARWASH
 17945 HESPERIAN BOULEVARD
 SAN LORENZO, CALIFORNIA

AQUA SCIENCE ENGINEERS, INC.

FIGURE 2

TABLE ONE
Groundwater Elevation Data

Well I.D.	Date of Measurement	Top of Casing Elevation (relative to project datum)	Depth to Water (feet)	Groundwater Elevation (project data)
MW-1	10-06-99	35.00	15.58	19.42
	01-13-00		15.58	19.42
	04-12-00		14.75	20.25
	07-19-00		15.29	19.71
	10-25-00		15.56	19.44
	01-16-01		15.22	19.78
	04-04-01		15.05	19.95
	07-06-01		15.49	19.51
	10-01-01		15.78	19.22
	01-07-02		13.83	21.17
	04-02-02		14.83	20.17
	07-09-02		15.41	19.59
	10-01-02		15.70	19.30
	01-24-03		14.69	20.31
	07-25-03		15.41	19.59
	01-16-04		14.73	20.27
	07-14-04		15.54	19.46
MW-2	10-06-99	35.21	15.84	19.37
	01-13-00		15.78	19.43
	04-12-00		14.94	20.27
	07-19-00		15.54	19.67
	10-25-00		15.81	19.40
	01-16-01		15.50	19.71
	04-04-01		15.28	19.93
	07-06-01		15.73	19.48
	10-01-01		16.06	19.15
	01-07-02		14.08	21.13
	04-02-02		15.04	20.17
	07-09-02		15.66	19.55
	10-01-02		15.96	19.25
	01-24-03		14.90	20.31
	07-25-03		15.68	19.53
	01-16-04		14.93	20.28
	07-14-04		15.81	19.40

TABLE ONE
Groundwater Elevation Data

Well I.D.	Date of Measurement	Top of Casing Elevation (relative to project datum)	Depth to Water (feet)	Groundwater Elevation (project data)
MW-3	10-06-99	34.47	14.98	19.49
	01-13-00		14.98	19.49
	04-12-00		14.09	20.38
	07-19-00		14.70	19.77
	10-25-00		14.98	19.49
	01-16-01		14.58	19.89
	04-04-01		14.43	20.04
	07-06-01		14.85	19.62
	10-01-01		15.21	19.26
	01-07-02		13.24	21.23
	04-02-02		14.20	20.27
	07-09-02		14.81	19.66
	10-01-02		15.12	19.35
	01-24-03		14.05	20.42
	07-25-03		14.82	19.65
	01-16-04		14.08	20.39
	07-14-04		14.94	19.53

TABLE TWO
Certified Analytical Results of GROUNDWATER Samples
 All results are in **parts per billion**

Well	Date Sampled	TPH Gasoline	Benzene	Toluene	Ethyl Benzene	Total Xylenes	MTBE
MW-1	10-06-99	1,500	3.3	2.3	27	72	120
	01-13-00	1,500	15	19	19	33	650
	04-12-00	1,700	18	13	45	79	2,600
	07-19-00	2,200	31	< 5.0	81	100	2,000
	10-25-00	3,300	20	< 5.0	9.8	9.4	3,300
	01-16-01	4,100	34	14	60	120	1,300
	04-04-01	2,900	14	< 0.5	34	32	2,000
	07-06-01	1,300	4.4	< 0.5	12	13	700
	10-01-01	1,100	4.1	< 0.5	18	19	520
	01-07-02	1,400	34	< 0.5	13	15	1,300
	04-02-02	1,900	30	6.7	24	30	1,000
	07-09-02	1,500	26	< 5.0	12	8.6	820
	10-01-02	830	3.6	< 2.5	7.4	2.9	520
	01-24-03	1,300	6.2	< 5.0	12	< 5.0	680
	07-25-03	520	15	< 1.0	11	1.0	250
	01-16-04	540	3.9	< 2.5	8.3	3.1	290
	07-14-04	220	< 1.0	< 1.0	8.1	< 1.0	140
MW-2	10-06-99	< 50	< 0.5	< 0.5	< 0.5	< 0.5	18
	01-13-00	< 50	< 0.5	< 0.5	< 0.5	< 0.5	16
	04-12-00	< 100	< 1.0	< 1.0	< 1.0	< 1.0	240
	07-19-00	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
	10-25-00	< 50	< 0.5	< 0.5	< 0.5	< 0.5	6.0
	01-16-01	< 50	< 0.5	< 0.5	< 0.5	< 0.5	8.2
	04-04-01	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
	07-06-01	< 50	< 0.5	< 0.5	< 0.5	< 0.5	5.9
	10-01-01	< 50	< 0.5	< 0.5	< 0.5	< 0.5	21
	01-07-02	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
	04-02-02	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
	07-09-02	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
10-01-02	No	Longer	Sampled				

TABLE TWO
Certified Analytical Results of GROUNDWATER Samples
 All results are in **parts per billion**

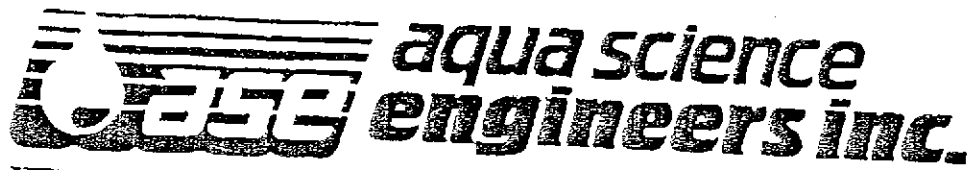
Well	Date Sampled	TPH Gasoline	Benzene	Toluene	Ethyl Benzene	Total Xylenes	MTBE
MW-3	10-06-99	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
	01-13-00	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
	04-12-00	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
	07-19-00	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
	10-25-00	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
	01-16-01	No	Longer	Sampled			
DHS MCL		NE	1	150	700	1,750	13
ESL		400	46	130	290	13	1,800

Notes:

- Most recent concentrations are in **bold**.
- Non-detectable concentrations are noted by the less than symbol (<) followed by the detection limit.
- DHS MCL = California Department of Health Services maximum contaminant level for drinking water
- ESL = Environmental screening levels presented in the "Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater (July 2003)" document prepared by the California Regional Water Quality Control Board, San Francisco Bay Region.
- NE = DHS MCL not established

APPENDIX A

Well Sampling Field Logs



WELL SAMPLING FIELD LOG

Project Name and Address: 111 HULLS
 Job #: _____ Date of sampling: 7/17/04
 Well Name: MW-1 Sampled by: DLE
 Total depth of well (feet): 26.6 Well diameter (inches): 2
 Depth to water before sampling (feet): 15.54
 Thickness of floating product if any: _____
 Depth of well casing in water (feet): 11.06
 Number of gallons per well casing volume (gallons): 1.77
 Number of well casing volumes to be removed: 3
 Req'd volume of groundwater to be purged before sampling (gallons): 5.3
 Equipment used to purge the well: BAILER
 Time Evacuation Began: 1200 Time Evacuation Finished: 1220
 Approximate volume of groundwater purged: 6.53
 Did the well go dry?: NO After how many gallons: _____
 Time samples were collected: 1225
 Depth to water at time of sampling: 15.60
 Percent recovery at time of sampling: _____
 Samples collected with: BAILER
 Sample color: _____ Odor: HCC
 Description of sediment in sample: _____

CHEMICAL DATA

Volume Purged	Temp	pH	Conductivity
<u>0</u>	<u>75.3</u>	<u>6.88</u>	<u>1082</u>
<u>1.8</u>	<u>69.1</u>	<u>6.98</u>	<u>986</u>
<u>3.6</u>	<u>67.8</u>	<u>7.05</u>	<u>979</u>
<u>5.3</u>	<u>67.3</u>	<u>7.03</u>	<u>963</u>

SAMPLES COLLECTED

Sample	# of containers	Volume & type container	Pres	iced?	Analysis
<u>MW-1</u>	<u>3</u>	<u>40 mL WBA</u>	<u>HCC</u>	<u>Y</u>	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____



7/14/94

WELL SAMPLING FIELD LOG

Project Name and Address: MU-2 HUTCHIS
 Job #: _____ Date of sampling: 7/14/94
 Well Name: MU-2 Sampled by: PH
 Total depth of well (feet): _____ Well diameter (inches): 2
 Depth to water before sampling (feet): 15.81
 Thickness of floating product if any: _____
 Depth of well casing in water (feet): _____
 Number of gallons per well casing volume (gallons): _____
 Number of well casing volumes to be removed: _____
 Required volume of groundwater to be purged before sampling (gallons): _____
 Equipment used to purge the well: _____
 Time Evacuation Began: _____ Time Evacuation Finished: _____
 Approximate volume of groundwater purged: _____
 Did the well go dry: _____ After how many gallons: _____
 Time samples were collected: _____
 Depth to water at time of sampling: _____
 Percent recovery at time of sampling: _____
 Samples collected with: _____
 Sample color: _____ Color: _____
 Description of sediment in sample: _____

CHEMICAL DATA

Volume Purged	Temp	pH	Conductivity
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

SAMPLES COLLECTED

Sample	# of containers	Volume & type container	Pres	Iced?	Analysis
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

NOT SAMPLED THIS QUARTER



WISH

WELL SAMPLING FIELD LOG

Project Name and Address: 313 HICKS
 Job #: _____ Date of sampling: 7/14/04
 Well Name: M-3 Sampled by: DA
 Total depth of well (feet): _____ Well diameter (inches): 2
 Depth to water before sampling (feet): 14.94
 Thickness of floating product if any: _____
 Depth of well casing in water (feet): _____
 Number of gallons per well casing volume (gallons): _____
 Number of well casing volumes to be removed: _____
 Required volume of groundwater to be purged before sampling (gallons): _____
 Equipment used to purge the well: _____
 Time Evacuation Began: _____ Time Evacuation Finished: _____
 Approximate volume of groundwater purged: _____
 Did the well go dry: _____ After how many gallons: _____
 Time samples were collected: _____
 Depth to water at time of sampling: _____
 Percent recovery at time of sampling: _____
 Samples collected with: _____
 Sample color: _____ Color: _____
 Description of sediment in sample: _____

NOT SAMPLED THIS QUARTER

CHEMICAL DATA

Volume Purged	Temp	pH	Conductivity
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

SAMPLES COLLECTED

Sample	# of containers	Volume & type container	Pres	Iced?	Analysis
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

APPENDIX B

Certified Analytical Report
and
Chain of Custody Documentation

Aqua Science Engineers, Inc.

July 23, 2004

208 West El Pintado
Danville, CA 94526

Attn.: Damian Hriciga

Project#: 3411

Project: Hutch's

Site: San Lorenzo

Dear Mr. Hriciga,

Attached is our report for your samples received on 07/16/2004 14:45

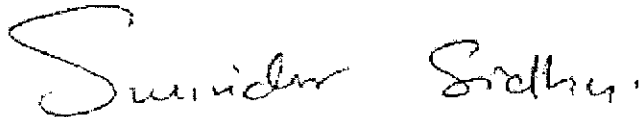
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 08/30/2004 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.

You can also contact me via email. My email address is: ssidhu@stl-inc.com

Sincerely,



Surinder Sidhu
Project Manager

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

Gas/BTEX Compounds by 8015M/8021

Aqua Science Engineers, Inc.

Attn.: Damian Hriciga

208 West El Pintado

Danville, CA 94526

Phone: (925) 820-9391 Fax: (925) 837-4853

Project: 3411

Hutch's

Received: 07/16/2004 14:45

Site: San Lorenzo

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	07/14/2004 12:25	Water	1

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

07/23/2004 12:10

Gas/BTEX Compounds by 8015M/8021

Aqua Science Engineers, Inc.

Attn.: Damian Hriciga

208 West El Pintado

Danville, CA 94526

Phone: (925) 820-9391 Fax: (925) 837-4853

Project: 3411

Hutch's

Received: 07/16/2004 14:45

Site: San Lorenzo

Prep(s): 5030	Test(s): 8015M
5030	8021B
Sample ID: MW-1	Lab ID: 2004-07-0514 - 1
Sampled: 07/14/2004 12:25	Extracted: 7/20/2004 17:19
Matrix: Water	QC Batch#: 2004/07/20-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	220	100	ug/L	2.00	07/20/2004 17:19	g
Benzene	ND	1.0	ug/L	2.00	07/20/2004 17:19	
Toluene	ND	1.0	ug/L	2.00	07/20/2004 17:19	
Ethyl benzene	8.1	1.0	ug/L	2.00	07/20/2004 17:19	
Xylene(s)	ND	1.0	ug/L	2.00	07/20/2004 17:19	
MTBE	140	10	ug/L	2.00	07/20/2004 17:19	
Surrogate(s)						
Trifluorotoluene	112.8	58-124	%	2.00	07/20/2004 17:19	
4-Bromofluorobenzene-FID	94.8	50-150	%	2.00	07/20/2004 17:19	

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

07/23/2004 12:10

Gas/BTEX Compounds by 8015M/8021

Aqua Science Engineers, Inc.

Attn.: Damian Hriciga

208 West El Pintado

Danville, CA 94526

Phone: (925) 820-9391 Fax: (925) 837-4853

Project: 3411

Hutch's

Received: 07/16/2004 14:45

Site: San Lorenzo

Batch QC Report

Prep(s): 5030

5030

Method Blank

MB: 2004/07/20-01.05-003

Test(s): 8015M

8021B

QC Batch # 2004/07/20-01.05

Date Extracted: 07/20/2004 07:34

Water

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	07/20/2004 07:34	
Benzene	ND	0.5	ug/L	07/20/2004 07:34	
Toluene	ND	0.5	ug/L	07/20/2004 07:34	
Ethyl benzene	ND	0.5	ug/L	07/20/2004 07:34	
Xylene(s)	ND	0.5	ug/L	07/20/2004 07:34	
MTBE	ND	5.0	ug/L	07/20/2004 07:34	
Surrogates(s)					
Trifluorotoluene	117.6	58-124	%	07/20/2004 07:34	
4-Bromofluorobenzene-FID	100.0	50-150	%	07/20/2004 07:34	

Gas/BTEX Compounds by 8015M/8021

Aqua Science Engineers, Inc.

Attn.: Damian Hriciga

208 West El Pintado

Danville, CA 94526

Phone: (925) 820-9391 Fax: (925) 837-4853

Project: 3411

Hutch's

Received: 07/16/2004 14:45

Site: San Lorenzo

Batch QC Report

Prep(s): 5030

Test(s): 8021B

Laboratory Control Spike

Water

QC Batch # 2004/07/20-01.05

LCS 2004/07/20-01.05-004

Extracted: 07/20/2004

Analyzed: 07/20/2004 08:07

LCSD 2004/07/20-01.05-005

Extracted: 07/20/2004

Analyzed: 07/20/2004 08:39

Compound	Conc. ug/L		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	49.4	49.9	50.0	98.8	99.8	1.0	77-123	20		
Toluene	49.5	50.2	50.0	99.0	100.4	1.4	78-122	20		
Ethyl benzene	47.7	48.5	50.0	95.4	97.0	1.7	70-130	20		
Xylene(s)	139	142	150	92.7	94.7	2.1	75-125	20		
Surrogates(s)										
Trifluorotoluene	573	577	500	114.6	115.4		58-124			

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

07/23/2004 12:10

Gas/BTEX Compounds by 8015M/8021

Aqua Science Engineers, Inc.

Attn.: Damian Hriciga

208 West El Pintado

Danville, CA 94526

Phone: (925) 820-9391 Fax: (925) 837-4853

Project: 3411

Hutch's

Received: 07/16/2004 14:45

Site: San Lorenzo

Batch QC Report

Prep(s): 5030

Test(s): 8015M

Laboratory Control Spike

Water

QC Batch # 2004/07/20-01.05

LCS 2004/07/20-01.05-006

Extracted: 07/20/2004

Analyzed: 07/20/2004 09:12

LCSD 2004/07/20-01.05-007

Extracted: 07/20/2004

Analyzed: 07/20/2004 09:44

Compound	Conc. ug/L		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Gasoline	254	263	250	101.6	105.2	3.5	75-125	20		
Surrogates(s)										
4-Bromofluorobenzene-FID	482	474	500	96.4	94.8		50-150			

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

07/23/2004 12:10

Gas/BTEX Compounds by 8015M/8021

Aqua Science Engineers, Inc.

Attn.: Damian Hriciga

208 West El Pintado

Danville, CA 94526

Phone: (925) 820-9391 Fax: (925) 837-4853

Project: 3411

Hutch's

Received: 07/16/2004 14:45

Site: San Lorenzo

Legend and Notes

Result Flag

g

Hydrocarbon reported in the gasoline range does not match our gasoline standard.

2004-07-0514

87877

Aqua Science Engineers, Inc.
208 W. El Pintado Road
Darville, CA 94526
(925) 820-9391
FAX (925) 837-4853

Chain of Custody

PAGE 1 OF 1

SAMPLER (SIGNATURE)

PROJECT NAME HUTZ H'S JOB NO. 3411
ADDRESS ~~HAYWARD~~ SAN LORENZO

ANALYSIS REQUEST

SPECIAL INSTRUCTIONS:
EDF
TO 600102255

SAMPLE ID.	DATE	TIME	MATRIX	NO. OF SAMPLES	TPH-GAS / MTBE & BTEX	TPH-DIESEL (EPA 3510/8015)	TPH-DIESEL & MOTOR OIL (EPA 3510/8015)	PURGEABLE HALOCARBONS (EPA 601/8010)	VOLATILE ORGANICS (EPA 624/8240/8260)	SEMI-VOLATILE ORGANICS (EPA 625/8270)	OIL & GREASE (EPA 5520)	LUFT METALS (5) (EPA 6010+7000)	CAM 17 METALS (EPA 6010+7000)	PCBs & PESTICIDES (EPA 608/8080)	ORGANOPHOSPHORUS PESTICIDES (EPA 8140 EPA 608/8080)	FUEL OXYGENATES (EPA 8260)	Pb (TOTAL or DISSOLVED) (EPA 6010)	TPH-G/BTEX/5 OXY'S/1,2 DCA/PCE (EPA 8260)	LEAD	
MW-1	7/1/04 7/1/04	1225	W	3	X															

RELINQUISHED BY:

(signature) 1200
(time)

RECEIVED BY:

(signature) 2850
(time)

RELINQUISHED BY:

(signature) 1445
(time)

RECEIVED BY LABORATORY:

(signature) (time)

COMMENTS:

6°C

PAMPA
(printed name) 7/15/04
(date)

(signature) 7/16/04
(date)

(signature) 7/16/04
(date)

D. Harrington
(printed name) (date)

TURN AROUND TIME
STANDARD 24hr 48hr 72hr

Company- ASE

Company- ABC

Company- ABC

Company- 7/16/04
STL-SF @ 1445

OTHER: