



Alameda County

February 11, 2004

FEB 18 2004

Environmental Health

**SEMI-ANNUAL GROUNDWATER MONITORING REPORT
JANUARY 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 January 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 January 16, 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 west at a shallow gradient of 0.002-feet/foot. Groundwater elevation (potentiometric surface) contours are plotted on Figure 2.

3.0 GROUNDWATER SAMPLE COLLECTION AND ANALYSIS

On January 16, 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 dedicated 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 8021.

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

The groundwater samples collected from monitoring well MW-1 contained 540 parts per billion (ppb) TPH-G, 3.9 ppb benzene, 8.3 ppb ethyl benzene, 3.1 ppb total xylenes, and 290 ppb MTBE. 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 benzene and MTBE concentrations in groundwater samples collected from monitoring well MW-1 exceeded the California Department of Health Services (DHS) maximum contaminant levels (MCLs) for drinking water. However, the benzene and MTBE concentrations did not exceed 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.

In general, hydrocarbon concentrations detected in the groundwater sample collected from monitoring well MW-1 this quarter were consistent with concentrations reported during the previous quarter.

5.0 RECOMMENDATIONS

ASE recommends continued semi-annual monitoring of the site. The next sampling event is scheduled for July 2004. 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.

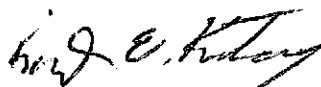
It does not fully characterize the site for contamination resulting from unknown sources, or for parameters not analyzed by the laboratory. All of the laboratory work cited in this report was prepared under the direction of an independent CAL-DHS certified laboratory. The independent laboratory is solely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



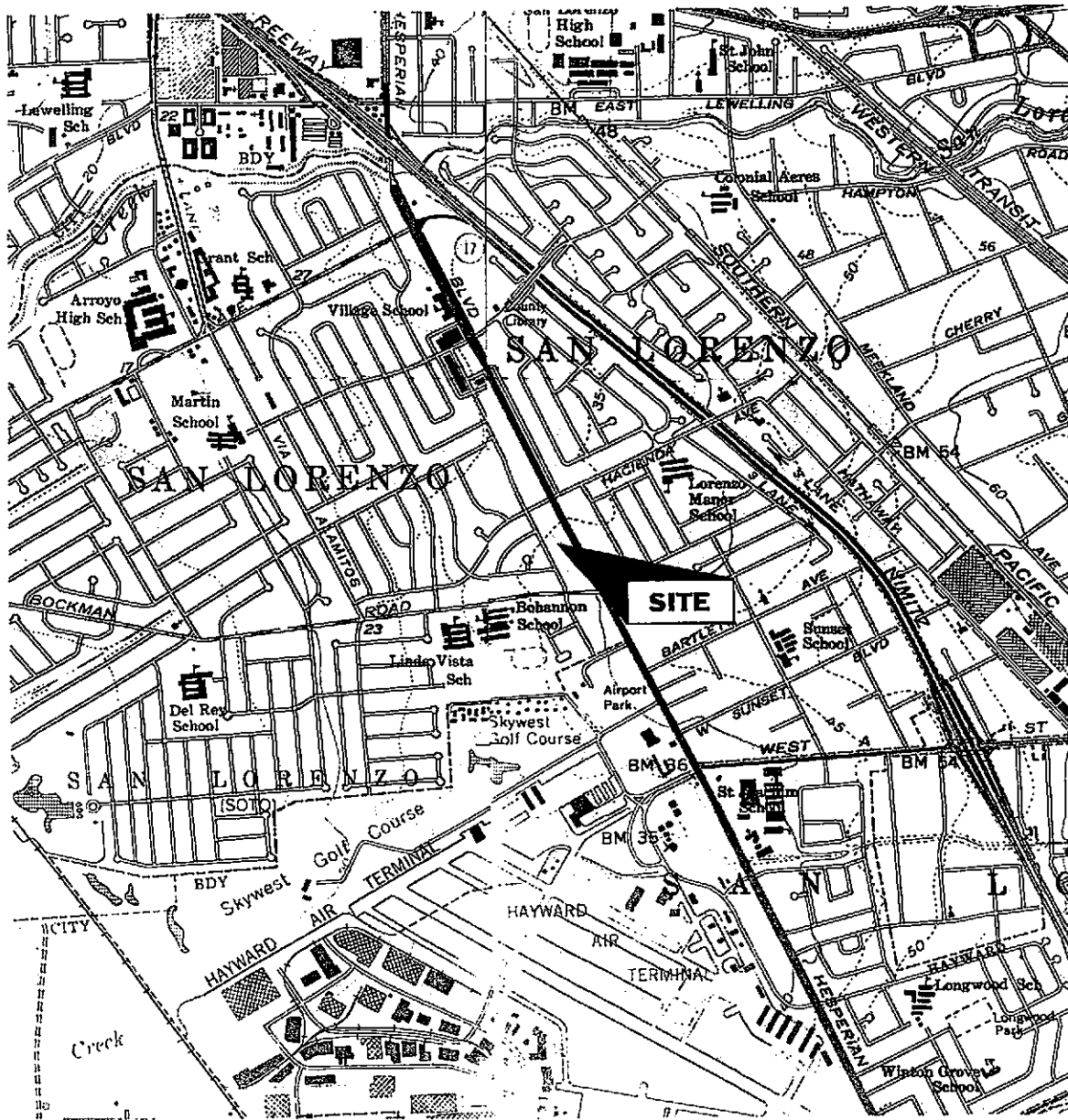
Attachments: Figures 1 and 2
Appendices A and B

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



NORTH

SCALE

1 - INCH = 20 - FEET

TUNE-UP BAYS

ASPHALT

FORMER
10,000
GALLON
GAS
UST

MW-2
(20.28')

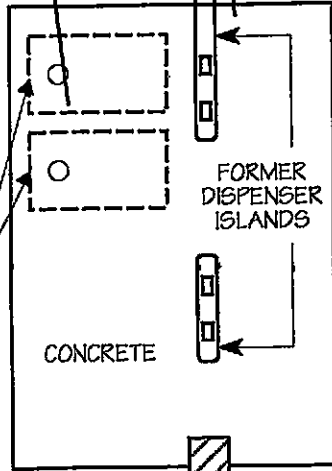
20.32'

20.36'

MW-3
(20.39')

MW-1
(20.27')

FORMER
5,000
GALLON
GAS
UST



CARWASH
BUILDING
AND
STORE

ASPHALT

ASPHALT

LEGEND



MW-1
(20.27')

Monitoring well with
groundwater elevation



Groundwater elevation
contour

**GROUNDWATER ELEVATION
CONTOUR MAP -1/16/04**

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		
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		

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

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
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: 110711'S SAN LORENZO
 Job #: _____ Date of sampling: 1/16/04
 Well Name: MW-1 Sampled by: PA
 Total depth of well (feet): 26.88 Well diameter (inches): 2
 Depth to water before sampling (feet): 14.75
 Thickness of floating product if any: _____
 Depth of well casing in water (feet): 11.95
 Number of gallons per well casing volume (gallons): 1.9
 Number of well casing volumes to be removed: 3
 Req'd volume of groundwater to be purged before sampling (gallons): 5.7
 Equipment used to purge the well: BAILER
 Time Evacuation Began: 1130 Time Evacuation Finished: 1200
 Approximate volume of groundwater purged: 6
 Did the well go dry?: NO After how many gallons: -
 Time samples were collected: 1205
 Depth to water at time of sampling: _____
 Percent recovery at time of sampling: _____
 Samples collected with: BAILER
 Sample color: _____ Odor: NO
 Description of sediment in sample: _____

CHEMICAL DATA

Volume Purged	Temp	pH	Conductivity
<u>2</u>	<u>65.6</u>	<u>6.81</u>	<u>823</u>
<u>4</u>	<u>65.3</u>	<u>6.89</u>	<u>831</u>
<u>6</u>	<u>65.1</u>	<u>6.91</u>	<u>832</u>
_____	_____	_____	_____
_____	_____	_____	_____

SAMPLES COLLECTED

Sample	# of containers	Volume & type container	Pres	Iced?	Analysis
<u>MW-1</u>	<u>3</u>	<u>40 mL 124</u>	<u>ALL</u>	<u>Y</u>	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____



WELL SAMPLING FIELD LOG

Project Name and Address: 1107011'S SAN JUAN DE LOS RIOS
 Job #: _____ Date of sampling: 1/16/04
 Well Name: MW-2 Sampled by: PA
 Total depth of well (feet): _____ Well diameter (inches): 2
 Depth to water before sampling (feet): 14.93
 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



WELL SAMPLING FIELD LOG

Project Name and Address: HUTCHINSON SAN LORENZO
 Job #: _____ Date of sampling: 1/16/04
 Well Name: MW-3 Sampled by: DII
 Total depth of well (feet): _____ Well diameter (inches): 2
 Depth to water before sampling (feet): 14.08
 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: _____
 Description of sediment in sample: _____

CHEMICAL DATA

<u>Volume Purged</u>	<u>Temp</u>	<u>pH</u>	<u>Conductivity</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

SAMPLES COLLECTED

<u>Sample</u>	<u># of containers</u>	<u>Volume & type container</u>	<u>Pres</u>	<u>Iced?</u>	<u>Analysis</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

NOT SAMPLED THIS QUARTER

APPENDIX B

**Certified Analytical Report
and
Chain of Custody Documentation**

Aqua Science Engineers, Inc.

January 23, 2004

208 West El Pintado
Danville, CA 94526

Attn.: Damian Hriciga
Project: Hutch's
Site: San Lorenzo

Dear Mr. Hriciga,

Attached is our report for your samples received on 01/16/2004 12:35
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
03/01/2004 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: vvancil@stl-inc.com

Sincerely,



Vincent Vancil
Project Manager

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: Hutch's

Received: 01/16/2004 12:35

Site: San Lorenzo

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	01/16/2004 12:05	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

01/23/2004 16:23

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: Hutch's

Received: 01/16/2004 12:35

Site: San Lorenzo

Prep(s): 5030
5030
Sample ID: **MW-1**
Sampled: 01/16/2004 12:05
Matrix: Water
Test(s): 8015M
8021B
Lab ID: 2004-01-0437 - 1
Extracted: 1/23/2004 14:15
QC Batch#: 2004/01/23-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	540	250	ug/L	5.00	01/23/2004 14:15	g
Benzene	3.9	2.5	ug/L	5.00	01/23/2004 14:15	
Toluene	ND	2.5	ug/L	5.00	01/23/2004 14:15	
Ethyl benzene	8.3	2.5	ug/L	5.00	01/23/2004 14:15	
Xylene(s)	3.1	2.5	ug/L	5.00	01/23/2004 14:15	
MTBE	290	25	ug/L	5.00	01/23/2004 14:15	
Surrogate(s)						
Trifluorotoluene	87.4	58-124	%	5.00	01/23/2004 14:15	
4-Bromofluorobenzene-FID	71.5	50-150	%	5.00	01/23/2004 14:15	

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

01/23/2004 16:23

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: Hutch's

Received: 01/16/2004 12:35

Site: San Lorenzo

Batch QC Report

Prep(s): 5030

Method Blank

MB: 2004/01/23-01.05-003

Water

Test(s): 8015M

QC Batch # 2004/01/23-01.05

Date Extracted: 01/23/2004 06:54

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	01/23/2004 06:54	
Benzene	ND	0.5	ug/L	01/23/2004 06:54	
Toluene	ND	0.5	ug/L	01/23/2004 06:54	
Ethyl benzene	ND	0.5	ug/L	01/23/2004 06:54	
Xylene(s)	ND	0.5	ug/L	01/23/2004 06:54	
MTBE	ND	5.0	ug/L	01/23/2004 06:54	
Surrogates(s)					
Trifluorotoluene	109.8	58-124	%	01/23/2004 06:54	
4-Bromofluorobenzene-FID	77.6	50-150	%	01/23/2004 06:54	

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

01/23/2004 16:23

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: Hutch's

Received: 01/16/2004 12:35
Site: San Lorenzo

Batch QC Report

Prep(s): 5030

Test(s): 8021B

Laboratory Control Spike

Water

QC Batch # 2004/01/23-01.05

LCS 2004/01/23-01.05-004
LCSD 2004/01/23-01.05-005

Extracted: 01/23/2004
Extracted: 01/23/2004

Analyzed: 01/23/2004 07:25
Analyzed: 01/23/2004 07:56

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	89.6	87.1	100.0	89.6	87.1	2.8	77-123	20		
Toluene	95.9	91.8	100.0	95.9	91.8	4.4	78-122	20		
Ethyl benzene	88.5	85.4	100.0	88.5	85.4	3.6	70-130	20		
Xylene(s)	286	278	300	95.3	92.7	2.8	75-125	20		
Surrogates(s)										
Trifluorotoluene	530	502	500	106.0	100.4		58-124	0		

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

01/23/2004 16:23

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: Hutch's

Received: 01/16/2004 12:35

Site: San Lorenzo

Batch QC Report

Prep(s): 5030

Test(s): 8015M

Laboratory Control Spike

Water

QC Batch # 2004/01/23-01.05

LCS 2004/01/23-01.05-006

Extracted: 01/23/2004

Analyzed: 01/23/2004 08:27

LCSD 2004/01/23-01.05-007

Extracted: 01/23/2004

Analyzed: 01/23/2004 08:59

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Gasoline	503	485	500	100.6	97.0	3.6	75-125	20		
Surrogates(s)										
4-Bromofluorobenzene-FID	393	389	500	78.6	77.8		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

01/23/2004 16:23

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: Hutch's

Received: 01/16/2004 12:35

Site: San Lorenzo

Legend and Notes

Result Flag

9

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

2004-01-0437

82075

Aqua Science Engineers, Inc.
208 W. El Pintado Road
Denville, CA 94526
(925) 820-9581
FAX (925) 857-4853

Chain of Custody

PAGE 1 OF 1

SAMPLER (SIGNATURE)

PROJECT NAME

WICHA'S

JOB NO.

ADDRESS

SAW LORERZO

ANALYSIS REQUEST

SPECIAL INSTRUCTIONS:

PLEASE SEND EDF
- WILL CALL W/ ID

SAMPLE ID.	DATE	TIME	MATRIX	NO. OF SAMPLES
MW-1	1/14/04	12:05	W	3

TRH-GAS/AMTLE & BTEX
(EPA 8030/8015/8020)

TRH-DIESEL
(EPA 8010/8015)

TRH-DIESEL & MOTOR OIL
(EPA 8010/8015)

PURGEABLE HALOCARBONS
(EPA 8016/8017)

VOLATILE ORGANICS
(EPA 824/8240/8260)

SEMI-VOLATILE ORGANICS
(EPA 825/8270)

OIL & GREASE
(EPA 8010)

LIPT METALS (S)
(EPA 8010-7000)

CAM 17 METALS
(EPA 8010-7000)

PCPs & PESTICIDES
(EPA 605/6060)

ORGANOPHOSPHORUS
PESTICIDES (EPA 8160
EPA 808/8090)

FUEL OXYGENATES
(EPA 8260)

Pb (TOTAL or DISSOLVED)
(EPA 8010)

TRH-G/BTEX/S OXY'S
(EPA 8260)

TRH-G/BTEX/7 OXY'S/
LEAD/SCAVANGERS/
1,2-DCP
(EPA 8260)

RELINQUISHED BY:

12:35
(signature) (time)

RECEIVED BY:

Nainak. 12:35
(signature) (time)

RELINQUISHED BY:

(signature) (time)

RECEIVED BY LABORATORY:

(signature) (time)

COMMENTS:

1,2-DCP = 1,2-dichloropropane

DAMIAN
MIRKIGAN 1/16/04
(printed name) (date)

Nainak. 1/16/04
(printed name) (date)

(printed name) (date)

(printed name) (date)

TURN AROUND TIME

STANDARD 24hr 48hr 72hr

Company- ASE

Company- STR-SF

Company-

Company-

OTHER: