

20321 New CW



July 12, 2004

Alameda County
JUL 19 2004
Environmental Health

QUARTERLY GROUNDWATER MONITORING REPORT
APRIL 2004 GROUNDWATER SAMPLING
ASE JOB NO. 3412

at
Former Chan's Shell Station
726 Harrison Street
Oakland, CA 94602

Prepared by:
AQUA SCIENCE ENGINEERS, INC.
208 W. El Pintado
Danville, CA 94526
(925) 820-9391

1.0 INTRODUCTION

Site Location (Site), See Figure 1

Former Chan's Shell Station
726 Harrison Street
Oakland, CA 94602
(510) 444-6583

Responsible Party

Kin Chan
4328 Edgewood Avenue
Oakland, CA 94602

Environmental Consulting Firm

Aqua Science Engineers, Inc. (ASE)
208 W. El Pintado
Danville, CA 94526
Contact: Robert Kitay, Senior Geologist
(925) 820-9391

Agency Review

Contact: Mr. Barney Chan
Alameda County Health Care Services Agency (ACHCSA)
1131 Harbor Bay Pkwy., Suite 250
Alameda, CA 94502
(510) 567-6700

California Regional Water Quality Control Board (RWQCB)
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, CA 94612
Contact: Mr. Chuck Headlee
(510) 622-2433

The following is a report detailing the results of the April 2004 quarterly groundwater sampling at the former Chan's Shell Station. This sampling was conducted as required by the ACHCSA and RWQCB. ASE has prepared this report on behalf of Kin Chan, property owner. This report is intended to supplement the ASE report: "Report of Soil and Groundwater Assessment" dated January 8, 1999.

The well purge water was placed into a 55-gallon steel drum, labeled, and staged on-site for temporary storage until proper off-site disposal could be arranged.

The groundwater samples were analyzed by STL San Francisco for total petroleum hydrocarbons as gasoline (TPH-G), benzene, toluene, ethylbenzene and total xylenes (collectively known as BTEX) and methyl tertiary butyl ether (MTBE) by EPA Method 8260B. The analytical results for this and previous sampling periods are presented in Table Three. The certified analytical report and chain-of-custody documentation are included as Appendix B. Recent and current analytical data for the former ARCO station is summarized in Table Four.

4.0 CONCLUSIONS

Although there were some increases and some decreases in hydrocarbon concentrations this quarter, concentrations overall remained consistent with those reported during previous quarters. The TPH-G, BTEX and/or MTBE concentrations detected in the groundwater samples collected from all wells sampled remain in excess of Environmental Screening Levels (ESLs) as presented in the "Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater" document prepared by the California Regional Water Quality Control Board, San Francisco Bay Region dated July 2003.

5.0 RECOMMENDATIONS

ASE recommends continued groundwater monitoring on a quarterly basis. The next groundwater sampling is scheduled for July 2004.

Additionally, ASE has received approval from the ACHCSA for a workplan to conduct in-situ chemical oxidation of hydrocarbons in the soil and groundwater below the site. The property has recently been purchased, and the remediation work will begin upon authorization by the new owner.

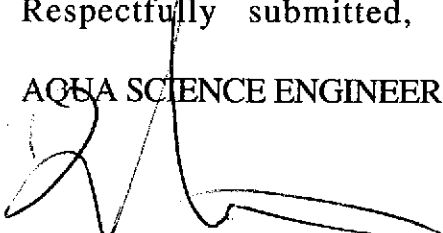
6.0 REPORT LIMITATIONS

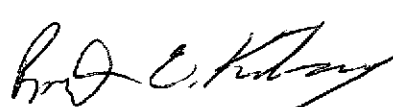
The results presented in this report represent the conditions at the time of the groundwater sampling, at the specific locations where the groundwater samples were collected, and for the specific parameters analyzed by the laboratory. It does not fully characterize the site for contamination resulting from sources other than the former underground storage tanks and associated plumbing at the site, 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.

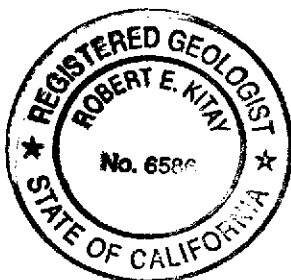
Aqua Science Engineers appreciates the opportunity to provide environmental consulting services for this project, and trust that this report meets your needs. Please feel free to call us at (925) 820-9391 if you have any questions or comments.

Respectfully submitted,

AQUA SCIENCE ENGINEERS, INC.

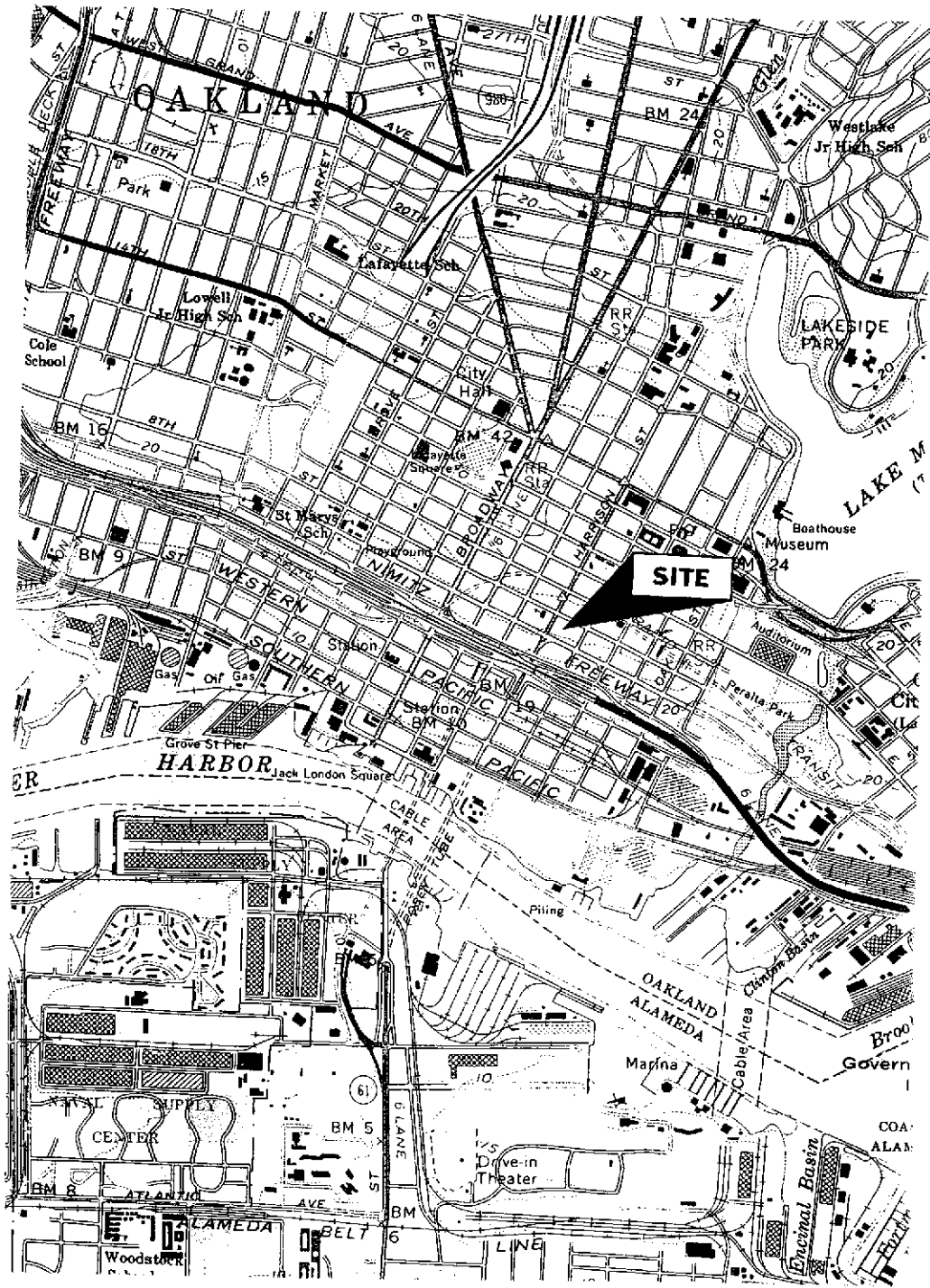

Damian Hriciga
Project Geologist


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



Attachments: Figures 1 and 2
Appendices A and B

cc: Mr. Barney Chan, Alameda County Health Care Services
Mr. Chuck Headlee, RWQCB, San Francisco Bay Region



SITE LOCATION MAP	
FORMER CHAN'S SHELL STATION	
726 HARRISON STREET	
OAKLAND, CALIFORNIA	
Aqua Science Engineers	Figure 1

NOTE: Due to disparate groundwater elevations, the water tables at Chan Auto and Former ARCO have been contoured independently of each other.

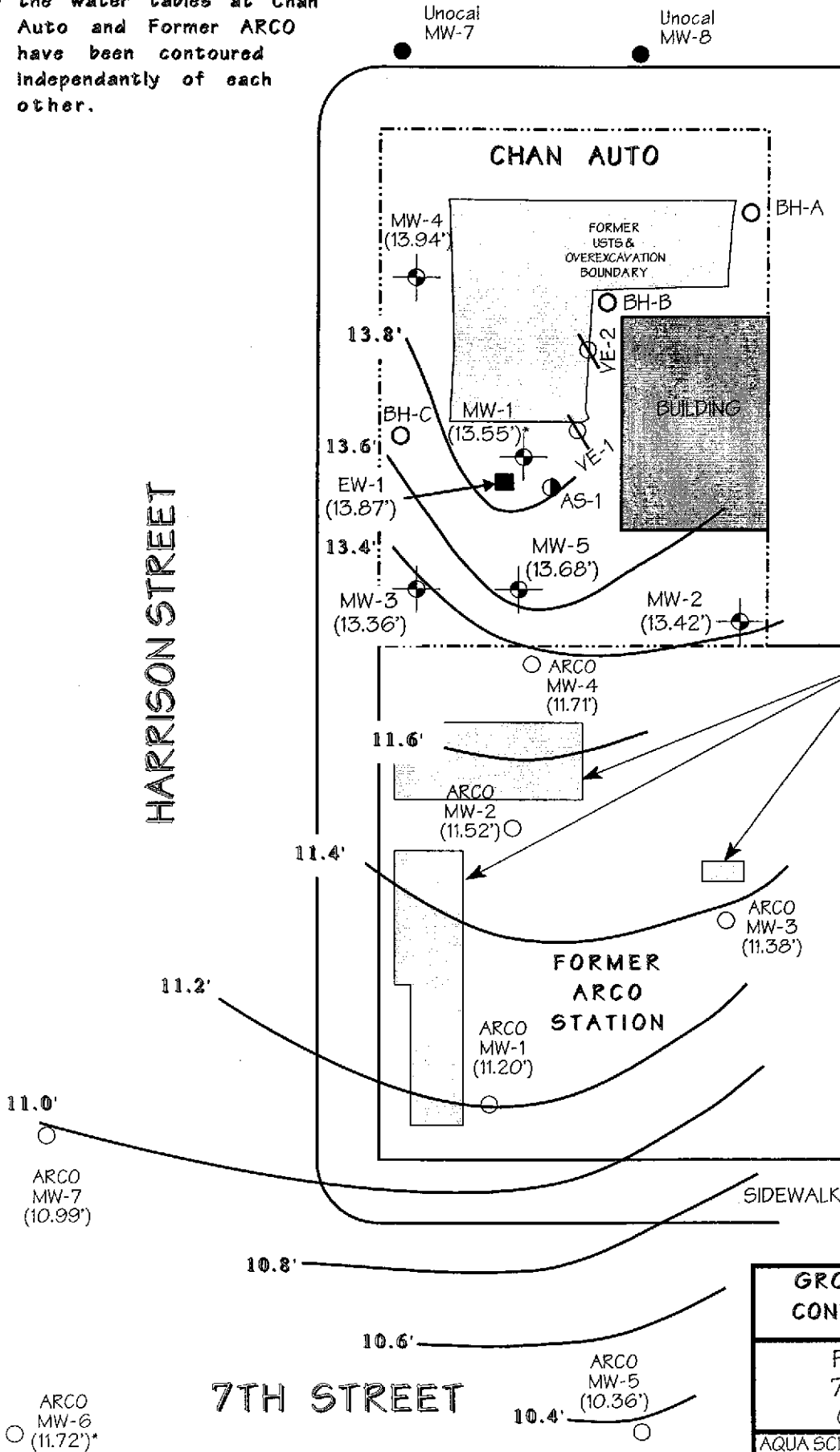
8TH STREET



NORTH

SCALE
1" = 30'

HARRISON STREET



FORMER UST/ OVEREXCAVATIONS

LEGEND

- Approx. Groundwater Flow Direction
- ASE Monitoring Well
MW-1 (13.55') Groundwater elevation relative to MSL
- Groundwater elevation contour
- Anomalous data - Not used for contouring

GROUNDWATER ELEVATION CONTOUR MAP - 4/7/2004

FORMER CHAN'S SHELL
726 HARRISON STREET
OAKLAND, CALIFORNIA

AQUA SCIENCE ENGINEERS

Figure 2

TABLE ONE
Groundwater Elevation Data
Former Chan's Shell Station
726 Harrison St., Oakland, CA

Well ID	Date of Measurement	Top of Casing Elevation (Relative to Mean Sea Level)	Depth to Water (feet)	Groundwater Elevation (project data)
MW-1	12/15/98	31.95*	17.32	14.63
	3/4/99		15.52	16.43
	6/17/99		16.9	15.05
	8/27/99		17.39	14.56
	12/9/99		18.03	13.92
	3/7/00		15.11	16.84
	6/7/00		16.66	15.29
	10/11/00		18.08	13.87
	1/18/01		17.96	13.99
	4/5/01		16.35	15.60
	7/17/01	16.94	15.01	
	10/5/01	28.98	17.35	11.63
	1/18/02		15.40	13.58
	4/11/02		15.76	13.22
	7/8/02		16.17	12.81
	10/9/02		16.72	12.26
	1/29/03		16.26	12.72
	4/11/03		16.56	12.42
	7/18/03		16.42	12.56
	10/9/03		16.88	12.10
1/28/04	16.10		12.88	
4/7/04	15.43	13.55		
MW-2	12/15/98	32.40*	18.03	14.37
	3/4/99		16.11	16.29
	6/17/99		17.72	14.68
	8/27/99	Inaccessible		
	12/9/99	Inaccessible		
	3/7/00	Inaccessible		
	6/7/00		17.67	14.73
	10/11/00		18.91	13.49
	1/18/01		18.66	13.74
	4/5/01		16.97	15.43
	7/17/01		17.54	14.86
	10/5/01	29.44	17.98	11.46
	1/18/02		15.87	13.57
	4/11/02		16.36	13.08
	7/8/02		16.72	12.72
	10/9/02		17.33	12.11
	1/29/03		16.82	12.62
	4/11/03		17.15	12.29
	7/18/03		17.05	12.39
	10/9/03		17.52	11.92
1/28/04	16.70		12.74	
4/7/04	16.02	13.42		
MW-3	12/15/98	31.61*	17.26	14.35
	3/4/99		15.47	16.14
	6/17/99		16.92	14.69
	8/27/99		17.40	14.21
	12/9/99		18.01	13.60
	3/7/00		16.15	15.46
	6/7/00		16.85	14.76
	10/11/00		18.07	13.54
	1/18/01		17.89	13.72
	4/5/01		16.21	15.40
	7/17/01	16.90	14.71	
	10/5/01	28.64	17.32	11.32
	1/18/02		15.35	13.29
	4/11/02		15.82	12.82
	7/8/02		16.15	12.49
	10/9/02		16.67	11.97
	1/29/03		16.19	12.45
	4/11/03		16.49	12.15
	7/18/03		16.42	12.22
	10/9/03		16.80	11.84
1/28/03	15.94		12.70	
4/7/04	15.28	13.36		

TABLE ONE
Groundwater Elevation Data
Former Chan's Shell Station
726 Harrison St., Oakland, CA

Well ID	Date of Measurement	Top of Casing Elevation (Relative to Mean Sea Level)	Depth to Water (feet)	Groundwater Elevation (project data)
MW-4	12/15/98	32.53*	17.59	14.94
	3/4/99		15.88	16.65
	6/17/99		17.14	15.39
	8/27/99		17.65	14.88
	12/9/99		18.28	14.25
	3/7/00		15.41	17.12
	6/7/00		17.09	15.44
	10/11/00		18.53	14.20
	1/18/01		18.23	14.30
	4/5/01		16.69	15.84
	7/17/01	17.32	15.21	
	10/5/01	29.58	17.71	11.87
	1/18/02		15.85	13.73
	4/11/02		16.14	13.44
	7/8/02		16.56	13.02
	10/9/02		17.09	12.49
	1/29/03		16.65	12.93
	4/11/03		16.93	12.65
	7/18/03		16.78	12.80
	10/9/03		17.26	12.32
1/28/04	16.38		13.20	
4/7/04	15.64	13.94		
MW-5	8/29/01	29.06	17.42	11.64
	1/18/02		15.68	13.38
	4/11/02		16.17	12.89
	7/8/02		16.51	12.55
	10/9/02		17.10	11.96
	1/29/03		16.58	12.48
	4/11/03		16.87	12.19
	7/18/03		16.77	12.29
	10/9/03		17.21	11.85
	1/28/04		16.34	12.72
4/7/04	15.38	13.68		
EW-1	1/18/02	28.89	15.35	13.54
	4/11/02		15.73	13.16
	7/8/02		16.13	12.76
	10/9/02		16.70	12.19
	1/29/03		16.20	12.69
	4/11/03		16.52	12.37
	7/18/03		16.38	12.51
	10/9/03		16.84	12.05
	1/28/04		15.94	12.95
4/7/04	15.02	13.87		

* Top of casing elevation relative to arbitrary project datum

TABLE TWO
Groundwater Elevation Data
Former ARCO Station
706 Harrison St., Oakland, CA

Well ID	Date of Measurement	Top of Casing Elevation* (Relative to Mean Sea Level)	Depth to Water (feet)	Groundwater Elevation (project data)
MW-1	7/18/03	29.15	14.50	14.65
	10/19/03	26.17	13.81	12.36
	1/28/04		13.09	13.08
	4/7/04		14.97	11.20
MW-2	7/18/03	30.51	16.84	13.67
	10/19/03	27.53	16.05	11.48
	1/28/04		15.39	12.14
	4/7/04		16.01	11.52
MW-3	7/18/03	29.77	14.80	14.97
	10/19/03	26.79	14.13	12.66
	1/28/04		13.47	13.32
	4/7/04		15.41	11.38
MW-4	7/18/03	31.18	17.08	14.10
	10/19/03	28.20	16.25	11.95
	1/28/04		15.65	12.55
	4/7/04		16.49	11.71
MW-5	7/18/03	28.04	14.28	13.76
	10/19/03	25.07	13.36	11.71
	1/28/04		12.68	12.39
	4/7/04		14.71	10.36
MW-6	7/18/03	29.10	15.47	13.63
	10/19/03	26.13	14.73	11.40
	1/28/04		14.05	12.08
	4/7/04		14.41	11.72
MW-7	7/18/03	29.67	15.19	14.48
	10/19/03	26.70	14.45	12.25
	1/28/04		13.88	12.82
	4/7/04		15.71	10.99

* Survey data updated on 10/27/2003

TABLE THREE
Certified Analytical Results for GROUNDWATER Samples
Former Chan's Shell Station
726 Harrison St., Oakland, CA
All results are in parts per billion (ppb)

Well ID & Dates Sampled	TPH-G	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE
MW-1						
7/3/97	18,000	2,700	350	450	900	7,400
12/5/98	18,000	1,500	270	260	560	14,000
3/4/99	44,000	2,800	400	440	960	43,000
6/17/99	33,000	2,200	250	460	660	25,000
8/27/99	6,000	1,000	97	190	230	14,000/ 16,000*
12/9/99	15,000	1,500	160	220	420	17,000
3/7/00	9,300	1,500	210	66	530	12,000
6/7/00	26,000**	1,700	< 250	360	580	30,000
10/11/00	13,000**	1,600	< 100	140	160	19,000
1/18/01	14,000**	450	< 100	110	230	9,600
4/5/01	38,000	2,200	180	290	590	35,000
7/17/01	35,000**	1,800	< 100	300	170	35,000
10/5/01	17,000	1,500	210	420	790	27,000
1/18/02	18,000	1,500	120	160	220	22,000
4/11/02	41,000	2,700	210	340	380	30,000
7/8/02	36,000	2,800	140	360	300	31,000
10/9/02	30,000	1,700	310	< 100	< 100	19,000
1/29/03	26,000	2,400	< 100	310	520	20,000
4/11/03	22,000	1,700	< 100	270	580	16,000
7/18/03	40,000	3,200	290	480	830	39,000
10/9/03	54,000**	3,300	< 130	350	310	49,000
1/28/04	26,000***	3,000	310	420	800	31,000
4/7/04	33,000***	2,800	130	310	310	39,000
MW-2						
12/5/98	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5
3/4/99		Inaccessible due to car parked over well				
6/17/99	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5
8/27/99		Inaccessible due to car parked over well				
12/9/99		Inaccessible due to car parked over well				
3/7/00		Inaccessible due to car parked over well				
6/7/00	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
10/11/00	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
1/18/01	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
4/5/01	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
MW-3						
12/5/98	6,500***	< 50	50	60	50	3,900
3/4/99	2,800	< 25	< 25	< 25	< 25	1,600
6/17/99	1,000	< 10	< 10	< 10	< 10	1,400
8/27/99	230	< 0.5	0.51	0.5	1	1,500/ 1,600*
12/9/99	870**	< 0.5	< 0.5	< 0.5	< 0.5	2,100
3/7/00	150**	4	< 0.5	< 0.5	< 0.5	830
6/7/00	140**	< 0.5	< 0.5	< 0.5	< 0.5	1,100
10/11/00	620**	< 5.0	< 5.0	< 5.0	< 5.0	1,500
1/18/01	1,200**	< 5.0	< 5.0	< 5.0	< 5.0	1,000
4/5/01	1,700**	< 5.0	< 5.0	< 5.0	< 5.0	1,900
7/17/01	1,400**	< 10	< 10	< 10	< 10	1,700
10/5/01	< 1,000	< 10	< 10	< 10	< 10	1,700
1/18/02	1,600	26	20	16	54	2,100
4/11/02	2,600	21	16	< 10	21	2,300
7/8/02	2,800	< 10	< 10	< 10	< 10	3,800
10/9/02	6,000	< 50	< 50	< 50	< 50	4,900
1/29/03	1,800	< 10	< 10	< 10	< 10	2,300
4/11/03	2,900	< 25	< 25	< 25	< 25	3,100
7/18/03	3,400	< 10	< 10	< 10	< 10	3,200
10/9/03	2,300	< 10	< 10	< 10	< 10	2,700
1/28/03	1,700**	< 10	< 10	< 10	< 10	2,900
4/7/04	2,700**	< 10	< 10	< 10	< 20	3,600

TABLE THREE
 Certified Analytical Results for GROUNDWATER Samples
 Former Chan's Shell Station
 726 Harrison St., Oakland, CA
 All results are in parts per billion (ppb)

Well ID & Dates Sampled	TPH-G	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE
MW-4						
12/5/98	880	3	<0.5	<0.5	<0.5	950
3/4/99	3,800	<25	<25	<25	<25	3,700
6/17/99	2,700	<25	<25	<25	<25	2,700
8/27/99	440	4.7	1.1	0.58	1.3	1,600/ 1,700*
12/9/99	1,100**	<2.5	<2.5	<2.5	<2.5	1,700
3/7/00	<250	<2.5	<2.5	<2.5	<2.5	1,700
6/7/00	530**	8.8	<2.5	<2.5	<2.5	440
10/11/00	700**	3.9	<2.5	<2.5	<2.5	680
1/18/01	2,000**	<2.5	<2.5	<2.5	<2.5	780
4/5/01	810**	<2.5	<2.5	<2.5	<2.5	620
7/17/01	880**	<2.5	<2.5	<2.5	<2.5	570
10/5/01	550**	<2.5	<2.5	<2.5	<2.5	710
1/18/02	960**	<5.0	<5.0	<5.0	<5.0	1,300
4/11/02	1,100**	<5.0	<5.0	<5.0	<5.0	550
7/18/02	1,200**	<5.0	<5.0	<5.0	<5.0	890
10/9/02	1,300**	<5.0	<5.0	<5.0	<5.0	880
1/29/03	530**	<1.0	<1.0	<1.0	<1.0	190
4/11/03	690**	<2.5	<2.5	<2.5	<2.5	310
7/18/03	1,600**	<10	<10	<10	<10	1,300
10/9/03	1500***	<10	<10	<10	<10	1,400
1/28/04	1,200**	<10	<10	<10	<10	1,900
4/7/04	1,900**	<10	<10	<10	<20	2,200
MW-5						
8/29/01	14,000	1,300	470	230	800	14,000
1/18/02	24,000	3,200	1,300	390	1,500	5,700
4/11/02	23,000	2,700	980	38	950	4,300
7/18/02	19,000	3,300	25	360	1,100	2,100
10/9/02	24,000	2,800	990	360	820	2,400
1/29/03	17,000	2,100	1,400	380	1,400	<250
4/11/03	26,000	2,900	2,200	590	2,200	630
7/18/03	26,000	3,500	1,700	480	1,300	1,300
10/9/03	27,000	3,800	1,900	510	1,700	1,200
1/28/04	29,000	4,800	2,900	770	2,300	3,300
4/7/04	23,000	4,400	2,700	720	2,200	1,700
EW-1						
1/18/02	11,000	1,000	<100	220	350	6,700
4/11/02	17,000	1,000	<100	120	140	9,700
7/18/02	21,000	1,300	<100	<100	200	12,000
10/9/02	12,000	900	<25	<25	200	9,200
1/29/03	12,000	860	73	130	500	4,500
4/11/03	8,700	890	<25	<25	82	5,400
7/18/03	8,200	650	77	99	140	4,300
10/9/03	5,700**	500	28	53	35	3,600
1/28/04	17,000***	1,600	90	250	280	9,700
ESL	400	46	130	290	15	1,800

Notes:

* EPA Method 8020/EPA Method 8260 (MTBE confirmation)

** Hydrocarbon reported in the gasoline range does not match the laboratory gasoline standard

*** Sample contains a discrete peak in addition to gasoline

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.

Most current data is in **Bold**

Non-detectable concentrations noted by the less than sign (<) followed by the laboratory method reporting limit.

TABLE FOUR
Certified Analytical Results for GROUNDWATER Samples
Former ARCO Station
706 Harrison St., Oakland, CA
All results are in parts per billion (ppb)

Well ID & Dates Sampled	TPH-G	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE
MW-1						
7/18/03	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
10/9/03	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
1/28/04	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
4/7/04	180	60	0.56	1.9	< 0.5	< 5.0
MW-2						
7/18/03	57,000	2,100	8,700	2,200	10,000	< 50*
10/9/03	49,000	1,800	7,000	1,700	7,600	26*
1/28/04	550	21	33	3	61	< 100
4/7/04	41,000	2,500	11,000	1,900	8,000	< 2,000
MW-3						
7/18/03	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
1/28/04	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
MW-4						
7/18/03	< 50	< 0.5	< 0.5	< 0.5	< 0.5	0.74*
10/9/03	210	5	0.57	1.6	1.1	10*
1/28/04	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
4/12/04	770	56	3.2	7.0	6.5	160*
MW-5						
7/18/03	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
1/28/04	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
MW-6						
7/18/03	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
1/28/04	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
MW-7						
7/18/03	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
1/28/04	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
ESL	400	46	130	290	13	1,800

Notes:

* EPA Method 8260

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.

Most current data is in **Bold**

Non-detectable concentrations noted by the less than sign (<) followed by the laboratory method reporting limit.

APPENDIX A

Well Sampling Field Logs



WELL SAMPLING FIELD LOG

Project Name and Address: CHAN
 Job #: _____
 Well Name: MW-1 Date of sampling: 4/7/04
 Total depth of well (feet): 27.2 Sampled by: DA
 Depth to water before sampling (feet): 15.43 Well diameter (inches): 2
 Thickness of floating product if any: 4.77
 Depth of well casing in water (feet): 11.77
 Number of gallons per well casing volume (gallons): 1.9
 Number of well casing volumes to be removed: 2
 Req'd volume of groundwater to be purged before sampling (gallons): 5.7
 Equipment used to purge the well: BALLER
 Time Evacuation Began: 0720 Time Evacuation Finished: 732
 Approximate volume of groundwater purged: 5.7
 Did the well go dry?: NO After how many gallons: —
 Time samples were collected: 735
 Depth to water at time of sampling: 16.12
 Percent recovery at time of sampling: —
 Samples collected with: BALLER
 Sample color: _____ Odor: SPRING HC
 Description of sediment in sample: _____

CHEMICAL DATA

Volume Purged	Temp	pH	Conductivity
<u>1.9</u>	<u>64.1</u>	<u>6.83</u>	<u>629</u>
<u>3.8</u>	<u>65.1</u>	<u>6.99</u>	<u>682</u>
<u>5.7</u>	<u>66.4</u>	<u>7.0</u>	<u>683</u>
_____	_____	_____	_____
_____	_____	_____	_____

SAMPLES COLLECTED

Sample	# of containers	Volume & type container	Pres	Iced?	Analysis
<u>MW-1</u>	<u>3</u>	<u>20 ml</u>	<u>HC</u>	<u>Y</u>	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____



WELL SAMPLING FIELD LOG

Project Name and Address: CRAW
 Job #: _____ Date of sampling: 4/7/07
 Well Name: ms-28 Sampled by: DH
 Total depth of well (feet): _____ Well diameter (inches): 2
 Depth to water before sampling (feet): 16.02
 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

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: C HAW
 Job #: _____ Date of sampling: 4/7/04
 Well Name: MW-3 Sampled by: PH
 Total depth of well (feet): 29.7 Well diameter (inches): 2
 Depth to water before sampling (feet): 15.28
 Thickness of floating product if any: _____
 Depth of well casing in water (feet): 14.42
 Number of gallons per well casing volume (gallons): 2.3
 Number of well casing volumes to be removed: 3
 Req'd volume of groundwater to be purged before sampling (gallons): 6.9
 Equipment used to purge the well: BAILEY
 Time Evacuation Began: 0825 Time Evacuation Finished: 0840
 Approximate volume of groundwater purged: 7
 Did the well go dry?: NO After how many gallons: _____
 Time samples were collected: 0845
 Depth to water at time of sampling: 15.32
 Percent recovery at time of sampling: _____
 Samples collected with: BAILEY
 Sample color: _____ Odor: 4C
 Description of sediment in sample: _____

CHEMICAL DATA

Volume Purged	Temp	pH	Conductivity
<u>2.3</u>	<u>63.9</u>	<u>6.20</u>	<u>657</u>
<u>4.6</u>	<u>65.5</u>	<u>6.34</u>	<u>666</u>
<u>6.9</u>	<u>66.1</u>	<u>6.40</u>	<u>667</u>
_____	_____	_____	_____
_____	_____	_____	_____

SAMPLES COLLECTED

Sample	# of containers	Volume & type container	Pres	iced?	Analysis
<u>MW-3</u>	<u>3</u>	<u>40 ml VOA</u>	<u>HCL</u>	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____



Handwritten initials/signature

WELL SAMPLING FIELD LOG

Project Name and Address: CHAW
 Job #: _____
 Well Name: MW-4 Date of sampling: 4/7/04
 Total depth of well (feet): 29.7 Sampled by: DH
 Depth to water before sampling (feet): 15.6 Well diameter (inches): 2
 Thickness of floating product if any: 14.6
 Depth of well casing in water (feet): 14.06
 Number of gallons per well casing volume (gallons): 2.3
 Number of well casing volumes to be removed: 3
 Req'd volume of groundwater to be purged before sampling (gallons): 6.7
 Equipment used to purge the well: _____
 Time Evacuation Began: 8:05 Time Evacuation Finished: 8:15
 Approximate volume of groundwater purged: 6.7
 Did the well go dry?: NO After how many gallons: _____
 Time samples were collected: 8:20
 Depth to water at time of sampling: 16.21
 Percent recovery at time of sampling: _____
 Samples collected with: BAUER
 Sample color: _____ Odor: HC
 Description of sediment in sample: _____

CHEMICAL DATA

Volume Purged	Temp	pH	Conductivity
<u>2.3</u>	<u>65.9</u>	<u>6.12</u>	<u>728</u>
<u>11.6</u>	<u>66.8</u>	<u>6.42</u>	<u>731</u>
<u>6.8</u>	<u>66.9</u>	<u>6.54</u>	<u>735</u>
_____	_____	_____	_____
_____	_____	_____	_____

SAMPLES COLLECTED

Sample	# of containers	Volume & type container	Pres	Iced?	Analysis
<u>MW-4</u>	<u>3</u>	<u>100 mL VOA</u>	<u>HCL</u>	<u>Y</u>	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____



WELL SAMPLING FIELD LOG

Project Name and Address: CHAW
 Job #: _____
 Well Name: MW-5 Date of sampling: 4/7/04
 Total depth of well (feet): 28.5 Sampled by: DB
 Depth to water before sampling (feet): 15.38 Well diameter (inches): 2
 Thickness of floating product if any: _____
 Depth of well casing in water (feet): 13.12
 Number of gallons per well casing volume (gallons): 2.1
 Number of well casing volumes to be removed: 3
 Req'd volume of groundwater to be purged before sampling (gallons): 6.3
 Equipment used to purge the well: BALLER
 Time Evacuation Began: 7:46 Time Evacuation Finished: 7:55
 Approximate volume of groundwater purged: 6.3
 Did the well go dry?: NO After how many gallons: _____
 Time samples were collected: 8:00
 Depth to water at time of sampling: 15.68
 Percent recovery at time of sampling: _____
 Samples collected with: BALLER
 Sample color: _____ Odor: HC
 Description of sediment in sample: _____

CHEMICAL DATA

Volume Purged	Temp	pH	Conductivity
<u>2.1</u>	<u>64.9</u>	<u>6.34</u>	<u>910</u>
<u>4.2</u>	<u>65.7</u>	<u>6.66</u>	<u>1028</u>
<u>6.3</u>	<u>66.1</u>	<u>6.65</u>	<u>1031</u>
_____	_____	_____	_____
_____	_____	_____	_____

SAMPLES COLLECTED

Sample	# of containers	Volume & type container	Pres	Icecd?	Analysis
<u>MW-5</u>	<u>3</u>	<u>40 ml VOA</u>	<u>HC</u>	<u>Y</u>	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____



WELL SAMPLING FIELD LOG

Project Name and Address: CNA
 Job #: _____ Date of sampling: 4/2/07
 Well Name: EW-1 Sampled by: PH
 Total depth of well (feet): _____ Well diameter (inches): 6
 Depth to water before sampling (feet): 15.02
 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

APPENDIX B

Certified Analytical Report
and
Chain of Custody Documentation

Aqua Science Engineers, Inc.

April 15, 2004

208 West El Pintado
Danville, CA 94526

Attn.: Damian Hriciga

Project#: 3412

Project: Chan

Site: Harrison St., Oakland

Dear Mr. Hriciga,

Attached is our report for your samples received on 04/07/2004 17:25

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 05/22/2004 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

Fuel Oxygenates by 8260B

Aqua Science Engineers, Inc.
Attn.: Damian Hriciga

208 West El Pintado
Danville, CA 94526
Phone: (925) 820-9391 Fax: (925) 837-4853

Project: 3412
Chan

Received: 04/07/2004 17:25

Site: Harrison St., Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	04/07/2004 07:35	Water	1
MW-3	04/07/2004 08:45	Water	2
MW-4	04/07/2004 08:20	Water	3

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

04/14/2004 10:05

Fuel Oxygenates by 8260B

Aqua Science Engineers, Inc.

Attn.: Damian Hriciga

208 West El Pintado

Danville, CA 94526

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

Project: 3412

Chan

Received: 04/07/2004 17:25

Site: Harrison St., Oakland

Prep(s): 5030B Test(s): 8260B
 Sample ID: MW-1 Lab ID: 2004-04-0217 - 1
 Sampled: 04/07/2004 07:35 Extracted: 4/12/2004 18:31
 Matrix: Water QC Batch#: 2004/04/12-02.68
 Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	33000	13000	ug/L	250.00	04/12/2004 18:31	dp
Methyl tert-butyl ether (MTBE)	39000	130	ug/L	250.00	04/12/2004 18:31	
Benzene	2800	130	ug/L	250.00	04/12/2004 18:31	
Toluene	130	130	ug/L	250.00	04/12/2004 18:31	
Ethylbenzene	310	130	ug/L	250.00	04/12/2004 18:31	
Total xylenes	310	250	ug/L	250.00	04/12/2004 18:31	
Surrogate(s)						
1,2-Dichloroethane-d4	109.0	76-114	%	250.00	04/12/2004 18:31	
Toluene-d8	90.1	88-110	%	250.00	04/12/2004 18:31	

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04/14/2004 10:05

Fuel Oxygenates by 8260B

Aqua Science Engineers, Inc.

Attn.: Damian Hriciga

208 West El Pintado

Danville, CA 94526

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

Project: 3412

Chan

Received: 04/07/2004 17:25

Site: Harrison St., Oakland

Prep(s): 5030B Test(s): 8260B
 Sample ID: MW-3 Lab ID: 2004-04-0217 - 2
 Sampled: 04/07/2004 08:45 Extracted: 4/12/2004 18:50
 Matrix: Water QC Batch#: 2004/04/12-02.68
 Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	2700	1000	ug/L	20.00	04/12/2004 18:50	g
Methyl tert-butyl ether (MTBE)	3600	10	ug/L	20.00	04/12/2004 18:50	
Benzene	ND	10	ug/L	20.00	04/12/2004 18:50	
Toluene	ND	10	ug/L	20.00	04/12/2004 18:50	
Ethylbenzene	ND	10	ug/L	20.00	04/12/2004 18:50	
Total xylenes	ND	20	ug/L	20.00	04/12/2004 18:50	
Surrogate(s)						
1,2-Dichloroethane-d4	105.0	76-114	%	20.00	04/12/2004 18:50	
Toluene-d8	91.4	88-110	%	20.00	04/12/2004 18:50	

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04/14/2004 10:05

Fuel Oxygenates by 8260B

Aqua Science Engineers, Inc.

Attn.: Damian Hriciga

208 West El Pintado

Danville, CA 94526

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

Project: 3412

Chan

Received: 04/07/2004 17:25

Site: Harrison St., Oakland

Prep(s): 5030B Test(s): 8260B
 Sample ID: MW-4 Lab ID: 2004-04-0217 - 3
 Sampled: 04/07/2004 08:20 Extracted: 4/12/2004 19:09
 Matrix: Water QC Batch#: 2004/04/12-02.68
 Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	1900	1000	ug/L	20.00	04/12/2004 19:09	g
Methyl tert-butyl ether (MTBE)	2200	10	ug/L	20.00	04/12/2004 19:09	
Benzene	ND	10	ug/L	20.00	04/12/2004 19:09	
Toluene	ND	10	ug/L	20.00	04/12/2004 19:09	
Ethylbenzene	ND	10	ug/L	20.00	04/12/2004 19:09	
Total xylenes	ND	20	ug/L	20.00	04/12/2004 19:09	
Surrogate(s)						
1,2-Dichloroethane-d4	100.6	76-114	%	20.00	04/12/2004 19:09	
Toluene-d8	92.4	88-110	%	20.00	04/12/2004 19:09	

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04/14/2004 10:05

Fuel Oxygenates by 8260B

Aqua Science Engineers, Inc.

Attn.: Damian Hriciga

208 West El Pintado

Danville, CA 94526

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

Project: 3412

Chan

Received: 04/07/2004 17:25

Site: Harrison St., Oakland

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2004/04/12-02.68-056

Water

Test(s): 8260B

QC Batch # 2004/04/12-02.68

Date Extracted: 04/12/2004 17:56

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	04/12/2004 17:56	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	04/12/2004 17:56	
Benzene	ND	0.5	ug/L	04/12/2004 17:56	
Toluene	ND	0.5	ug/L	04/12/2004 17:56	
Ethylbenzene	ND	0.5	ug/L	04/12/2004 17:56	
Total xylenes	ND	1.0	ug/L	04/12/2004 17:56	
Surrogates(s)					
1,2-Dichloroethane-d4	99.2	76-114	%	04/12/2004 17:56	
Toluene-d8	93.3	88-110	%	04/12/2004 17:56	

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04/14/2004 10:05

Fuel Oxygenates by 8260B

Aqua Science Engineers, Inc.

Attn.: Damian Hriciga

208 West El Pintado

Danville, CA 94526

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

Project: 3412

Chan

Received: 04/07/2004 17:25

Site: Harrison St., Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2004/04/12-02.68

LCS 2004/04/12-02.68-018

Extracted: 04/12/2004

Analyzed: 04/12/2004 17:18

LCSD 2004/04/12-02.68-037

Extracted: 04/12/2004

Analyzed: 04/12/2004 17:37

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %			Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	25.3	25.2	25.0	101.2	100.8	0.4	65-165	20			
Benzene	22.4	25.0	25.0	89.6	100.0	11.0	69-129	20			
Toluene	23.7	26.0	25.0	94.8	104.0	9.3	70-130	20			
Surrogates(s)											
1,2-Dichloroethane-d4	469	428	500	93.8	85.6		76-114				
Toluene-d8	471	489	500	94.2	97.8		88-110				

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04/14/2004 10:05

Fuel Oxygenates by 8260B

Aqua Science Engineers, Inc.
Attn.: Damian Hriciga

208 West El Pintado
Danville, CA 94526
Phone: (925) 820-9391 Fax: (925) 837-4853

Project: 3412
Chan

Received: 04/07/2004 17:25

Site: Harrison St., Oakland

Legend and Notes

Analysis Flag

o

Reporting limits were raised due to high level of analyte present in the sample.

Result Flag

dp

Sample contains discrete peak in addition to gasoline.

g

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

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04/14/2004 10:05

Fuel Oxygenates by 8260B

Aqua Science Engineers, Inc.

Attn.: Damian Hriciga

208 West El Pintado

Danville, CA 94526

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

Project: 3412

Chan

Received: 04/07/2004 17:25

Site: Harrison St., Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-5	04/07/2004 08:00	Water	4

Severn Trent Laboratories, Inc.

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04/15/2004 15:42

Fuel Oxygenates by 8260B

Aqua Science Engineers, Inc.

Attn.: Damian Hriciga

208 West El Pintado

Danville, CA 94526

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

Project: 3412

Chan

Received: 04/07/2004 17:25

Site: Harrison St., Oakland

Prep(s): 5030B Test(s): 8260B
 Sample ID: MW-5 Lab ID: 2004-04-0217 - 4
 Sampled: 04/07/2004 08:00 Extracted: 4/14/2004 12:08
 Matrix: Water QC Batch#: 2004/04/14-01.68
 Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	23000	5000	ug/L	100.00	04/14/2004 12:08	
Methyl tert-butyl ether (MTBE)	1700	50	ug/L	100.00	04/14/2004 12:08	
Benzene	4400	50	ug/L	100.00	04/14/2004 12:08	
Toluene	2700	50	ug/L	100.00	04/14/2004 12:08	
Ethylbenzene	720	50	ug/L	100.00	04/14/2004 12:08	
Total xylenes	2200	100	ug/L	100.00	04/14/2004 12:08	
Surrogate(s)						
1,2-Dichloroethane-d4	92.3	76-114	%	100.00	04/14/2004 12:08	
Toluene-d8	99.4	88-110	%	100.00	04/14/2004 12:08	

Severn Trent Laboratories, Inc.

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04/15/2004 15:42

Fuel Oxygenates by 8260B

Aqua Science Engineers, Inc.

Attn.: Damian Hriciga

208 West El Pintado

Danville, CA 94526

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

Project: 3412

Chan

Received: 04/07/2004 17:25

Site: Harrison St., Oakland

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2004/04/14-01.68-059

Water

Test(s): 8260B

QC Batch #: 2004/04/14-01.68

Date Extracted: 04/14/2004 08:59

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	04/14/2004 08:59	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	04/14/2004 08:59	
Benzene	ND	0.5	ug/L	04/14/2004 08:59	
Toluene	ND	0.5	ug/L	04/14/2004 08:59	
Ethylbenzene	ND	0.5	ug/L	04/14/2004 08:59	
Total xylenes	ND	1.0	ug/L	04/14/2004 08:59	
Surrogates(s)					
1,2-Dichloroethane-d4	96.8	76-114	%	04/14/2004 08:59	
Toluene-d8	97.8	88-110	%	04/14/2004 08:59	

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

04/15/2004 15:42

Fuel Oxygenates by 8260B

Aqua Science Engineers, Inc.
Attn.: Damian Hriciga

208 West El Pintado
Danville, CA 94526
Phone: (925) 820-9391 Fax: (925) 837-4853

Project: 3412
Chan

Received: 04/07/2004 17:25

Site: Harrison St., Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2004/04/14-01.68

LCS 2004/04/14-01.68-021

Extracted: 04/14/2004

Analyzed: 04/14/2004 08:21

LCSD 2004/04/14-01.68-040

Extracted: 04/14/2004

Analyzed: 04/14/2004 08:40

Compound	Conc. ug/L		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	23.9	23.1	25.0	95.6	92.4	3.4	65-165	20		
Benzene	24.0	24.7	25.0	96.0	98.8	2.9	69-129	20		
Toluene	24.2	24.5	25.0	96.8	98.0	1.2	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	438	438	500	87.6	87.6		76-114			
Toluene-d8	483	502	500	96.6	100.4		88-110			

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

04/15/2004 15:42

Fuel Oxygenates by 8260B

Aqua Science Engineers, Inc.
Attn.: Damian Hriciga

208 West El Pintado
Danville, CA 94526
Phone: (925) 820-9391 Fax: (925) 837-4853

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Chan

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Legend and Notes

Analysis Flag

0

Reporting limits were raised due to high level of analyte present in the sample.

2004.04.0217

84611

Aqua Science Engineers, Inc.
200 W. El Pintado Road
Danville, CA 94526
(925) 820-9391
FAX (925) 837-4838

Chain of Custody

PAGE 1 OF 1

SAMPLER (SIGNATURE)

PROJECT NAME

C HAW

JOB NO.

3412

ADDRESS

11400 W ST. OAKLAND

ANALYSIS REQUEST

SPECIAL INSTRUCTIONS

SEND EDP
TO 600 102122

SAMPLE ID	DATE	TIME	MATRIX	NO. OF SAMPLES	TPH-CAS / MTSE & STX (EPA 8030/8015-8020)	TPH-DIESEL (EPA 8010/8015)	TPH-DIESEL & MOTOR OIL (EPA 8010/8015)	PURGEABLE HALOCARBONS (EPA 8011/8010)	VOLATILE ORGANICS (EPA 8240/8240/8260)	SEMI-VOLATILE ORGANICS (EPA 8251/8270)	OIL & GREASE (EPA 8020)	HEAVY METALS (6) (EPA 8010-7000)	CAN 17 METALS (EPA 6010-7000)	PCP & PESTICIDES (EPA 608/609)	ORGANOPHOSPHORUS PESTICIDES (EPA 8140 EPA 605/8050)	FUEL OXYGENATES (EPA 8260)	FP (TOTAL OF D1550LYED) (EPA 6010)	TPH-CAS/STX/5 OXY/S/12 DECAPICE (EPA 8250)	LEAD	
<u>M10-1</u>	<u>4/7/04</u>	<u>0735</u>	<u>W</u>	<u>3</u>	<u>X</u>															
<u>M10-3</u>		<u>0815</u>	<u>W</u>	<u>3</u>	<u>X</u>															
<u>M10-4</u>		<u>0820</u>	<u>W</u>	<u>3</u>	<u>X</u>															
<u>M10-5</u>		<u>0820</u>	<u>W</u>	<u>3</u>	<u>X</u>															

RELINQUISHED BY:

[Signature] 1230
(signature) (time)

RECEIVED BY:

[Signature] 1450
(signature) (time)

RELINQUISHED BY:

[Signature] 17:25
(signature) (time)

RECEIVED BY LABORATORY:

[Signature] 1725
(signature) (time)

COMMENTS:

4.5°C

DAMIAN HERRICK 4/7/04
(printed name) (date)

ROONEY ALLEN 4/7/04
(printed name) (date)

R ALLEN 4/7/04
(printed name) (date)

NOUNAK 4/27/04
(printed name) (date)

TURN AROUND TIME

STANDARD 24hr 48hr 72hr

Company:

ASE

Company:

STL-02

Company:

STL-5P

Company:

STL-5F

OTHER: