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May 23, 2005

QUARTERLY GROUNDWATER MONITORING REPORT
MARCH 2005 GROUNDWATER SAMPLING

at

Kozel Property
1001 42nd Street
Oakland, California

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

RECEIVED

JUN 01 2005

ENVIRONMENTAL HEALTH SERVICES

1.0 INTRODUCTION

This report presents the methods and findings of Aqua Science Engineers, Inc. (ASE's) quarterly groundwater monitoring at the Kozel Property located at 1001 42nd Street in Oakland, California (Figures 1 and 2). Part of the site is also located in Emeryville, California as the city limit runs through the subject property.

2.0 GROUNDWATER FLOW DIRECTION AND GRADIENT

On March 30, 2005, ASE measured the depth to water in monitoring wells MW-B1, MW-B2, MW-B3, MW-B4 and BES-1 using an electric water level sounder. The surface of the groundwater was also checked for the presence of free-floating hydrocarbons or sheen using an interface probe and product thickness bailer. Monitoring wells MW-B1 and BES-1 each contained 0.04 and 0.03 feet of free-floating hydrocarbons, respectively. Groundwater elevation data is presented in Table One. Recent monitoring events have been scheduled to coincide with sampling conducted by Clayton Environmental at the adjacent Former Dunne Paints site; however, Clayton has recommended case closure for the site and therefore has discontinued groundwater monitoring. Historical elevation data from Clayton Environmental for Former Dunne Paints is also included in the Table One.

A groundwater elevation (potentiometric surface) contour map is presented as Figure 2. The groundwater flow direction at the site is generally to the south with an approximate gradient of 0.02 feet/foot.

3.0 MONITORING WELL SAMPLING

On March 30, 2005, ASE collected groundwater samples from monitoring wells MW-B2, MW-B3, and MW-B4 for analysis. Monitoring wells MW-B1 and BES-1 were not sampled due to the presence of free-floating hydrocarbons.

Prior to sampling, the wells were purged of three well casing volumes of groundwater using disposable polyethylene bailers. 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 from each well using the same bailers. The groundwater samples to be analyzed for volatile compounds were decanted from the bottom of the bailers using low flow emptying devices

into 40-ml volatile organic analysis (VOA) vials, preserved with hydrochloric acid, and sealed without headspace. The remaining samples were decanted into 1-liter amber glass bottles. All of the samples were labeled and stored on ice for transport to Severn Trent Laboratories (STL San Francisco) of Pleasanton, California (CA DHS ELAP# 2496) under appropriate chain of custody documentation.

Well sampling purge water was contained in a sealed and labeled 55-gallon steel drum for temporary storage until off-site disposal can be arranged. See Appendix A for copies of the well sampling field logs.

4.0 ANALYTICAL RESULTS FOR GROUNDWATER

All groundwater samples were analyzed by STL San Francisco for total petroleum hydrocarbons as mineral spirits (TPH-MS) by modified EPA Method 8015M with silica gel cleanup, and volatile organic compounds (VOCs) by EPA Method 8260B. The analytical results are tabulated in Table Two, and a copy of the certified analytical report and chain of custody form are included in Appendix B.

4.1 Mineral Spirit Results

- The groundwater sample collected from monitoring well MW-B2 contained 14,000 parts per billion (ppb) TPH-MS. The groundwater sample collected from monitoring well MW-B4 contained 3,000 ppb TPH-MS. No TPH-MS was detected in the groundwater sample collected from MW-B3.

4.2 VOC Results

- The groundwater sample collected from monitoring well MW-B2 contained 5.8 ppb tert-butylbenzene, 4.1 ppb sec-butylbenzene, 2.2 ppb vinyl chloride, and 0.57 ppb cis-1,2-dichloroethene. No other VOCs were detected in the groundwater sample from monitoring well MW-B2.
- The groundwater sample collected from monitoring well MW-B3 contained no detectable concentrations of any of the compounds analyzed.
- The groundwater sample collected from monitoring well MW-B4 contained 6.5 ppb tert-butylbenzene, 2.0 ppb sec-butylbenzene, and

1.3 ppb vinyl chloride. No other VOCs were detected in the groundwater sample from monitoring well MW-B4.

5.0 CONCLUSIONS

Monitoring wells MW-B1 and BES-1 each contained a measurable thickness of free-floating hydrocarbons this quarter, which is consistent with previous quarters. The free-floating hydrocarbons were bailed from the wells and contained in a drum on-site. The TPH-MS concentration in MW-B1 increased two orders of magnitude; TPH-MS concentration in MW-B4 increased one order of magnitude. Vinyl chloride and cis-1,2-dichloroethene were observed in monitoring well MW-B2 for the first time; vinyl chloride was observed in monitoring well MW-B4 for the first time since May 2003. The remaining detectable concentrations of VOCs identified this quarter are similar to the observed concentrations of last quarter. None of the hydrocarbon or VOC concentrations in any of the groundwater samples analyzed exceeded California Regional Water Quality Control Board, San Francisco Bay Region (RWQCB) environmental screening levels (ESLs) for sites where groundwater is not a current or potential source of drinking water.

6.0 RECOMMENDATIONS

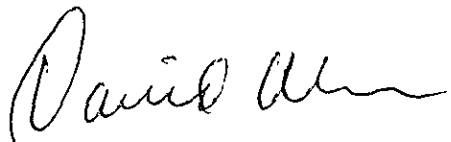
ASE recommends continued quarterly groundwater monitoring at the site. The next groundwater monitoring event is scheduled for June 2005. Additionally, ASE has submitted a workplan for additional soil and groundwater assessment dated April 26, 2005. This workplan will be implemented once approved by the Alameda County Health Care Services Agency.

7.0 REPORT LIMITATIONS

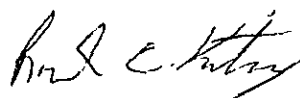
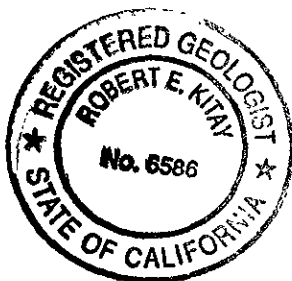
The results presented in this report represent conditions at the time of the groundwater sampling, at the specific locations where the samples were collected, and for the specific parameters analyzed by the laboratory. It does not fully characterize the site for contamination resulting from unknown sources, 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 assist the Edward R. and Elizabeth A. Kozel Charitable Remainder Trust with its environmental needs. Should you have any questions or comments, please feel free to call us at (925) 820-9391.

Respectfully submitted,
AQUA SCIENCEENGINEERS, INC.



David Allen, R.E.A.
Senior Project Manager



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

Attachments: Figures 1 and 2
Tables One and Two
Appendices A and B

cc: Mr. Edward Kozel, Edward R. and Elizabeth A. Kozel Charitable Remainder Trust, 20 Oak Knoll Drive, Healdsburg, CA 95448-3108

Mr. Thomas Trapp, Barg, Coffin, Lewis & Trapp, LLP, One Market, Steuart Tower, Suite 2700, San Francisco, CA 94105-1475

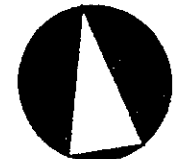
Mr. Kyle Fisher, Friedmann Goldberg, LLP, 420 Aviation Boulevard, Suite 201, Santa Rosa, CA 95403

Mr. John McManus, Cushman and Wakefield, 1111 Broadway, Suite 1600, Oakland, CA 94607

Mr. Barney Chan, Alameda County Health Care Services Agency, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502

Ms. Betty Graham, California Regional Water Quality Control Board, San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, CA 94612

FIGURES



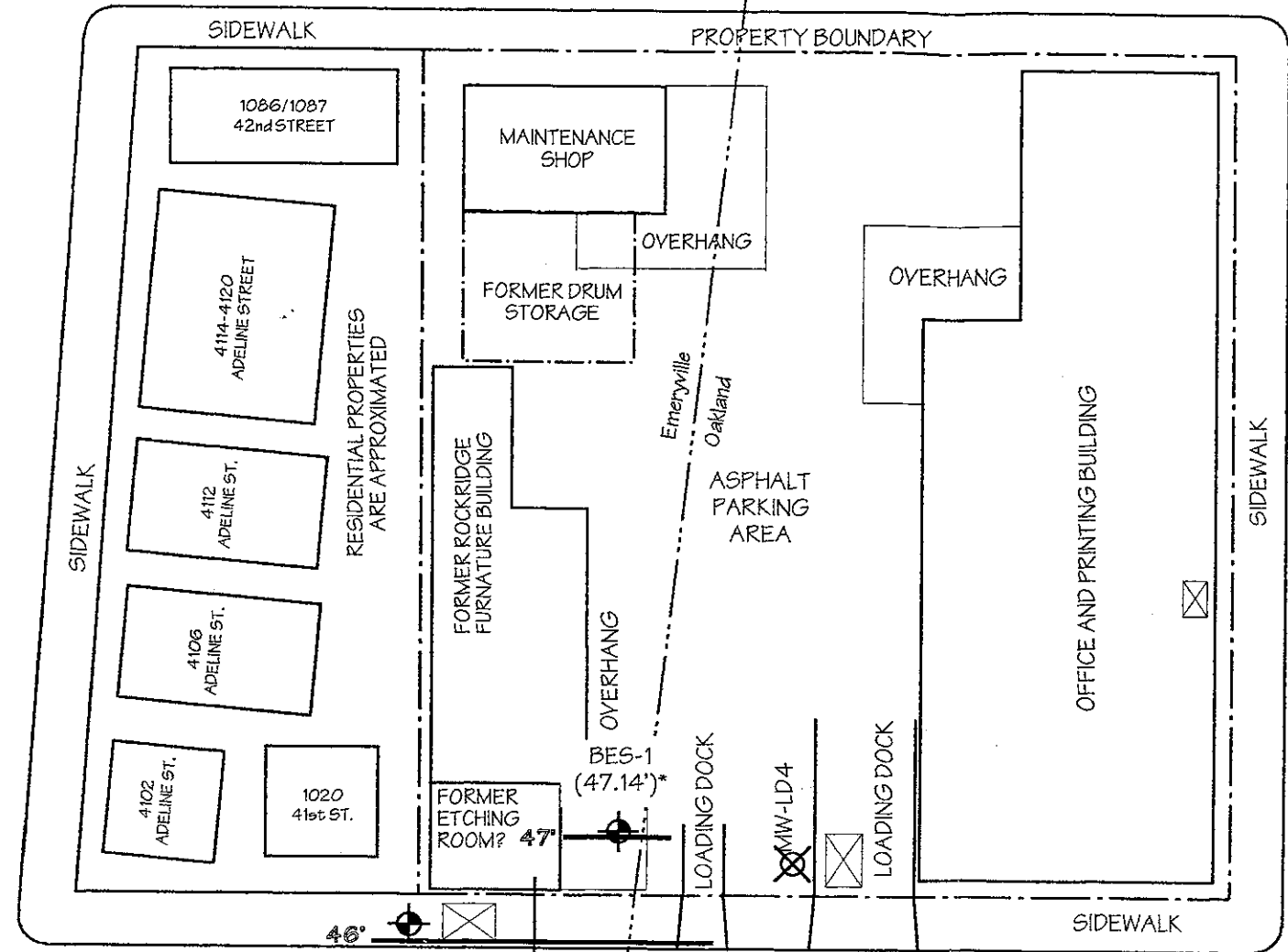
NORTH

SCALE
1 INCH = 50 FEET

42nd STREET

ADELINE STREET

LINDEN STREET



LEGEND

- FORMER UST
- MW-B2 (45.50') KOZEL PROPERTY MONITORING WELL WITH GROUNDWATER ELEVATION
- MW-D1 DUNNE PAINTS MONITORING WELL
- MW-LD4 DESTROYED MONITORING WELL
- POTENTIOMETRIC SURFACE CONTOUR
- ESTIMATED GROUNDWATER FLOW DIRECTION
- GROUNDWATER ELEVATION ADJUSTED FOR THICKNESS OF FREE-FLOATING HYDROCARBONS

41st STREET

**POTENTIOMETRIC SURFACE
CONTOUR MAP - 03/30/05**

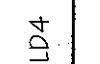
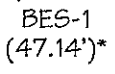
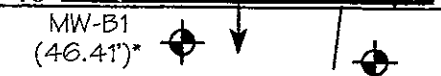
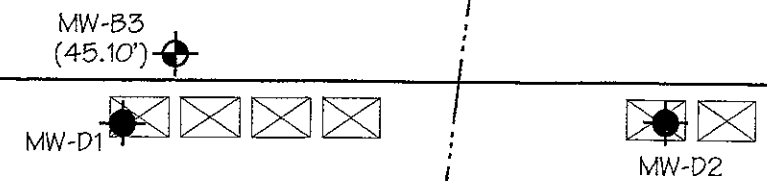
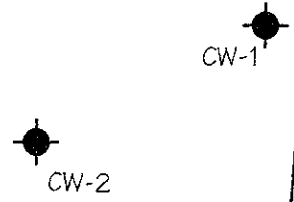
Date: May 23, 2005

Scale: 1" = 50'

Kozel Property
1001 42nd Street
Oakland, California

Aqua Science Engineers, Inc.


Figure 2



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

Chain of Custody

113794

SAMPLER (SIGNATURE)


PROJECT NAME KOZEL JOB NO. 3976
 ADDRESS OAKLAND


ANALYSIS REQUEST

SPECIAL INSTRUCTIONS:

SAMPLE ID.	DATE	TIME	MATRIX	QUANTITY	TPH-GAS / MTBE & BTEX (EPA 5030/8015-8020)	TPH-DIESEL (EPA 3510/8015)	TPH-DIESEL & MOTOR OIL (EPA 3510/8015)	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 606/8080)	ORGANOPHOSPHORUS PESTICIDES (EPA 8140 EPA 608/8080)	FUEL OXYGENATES (EPA 8260)	Pb (TOTAL or DISSOLVED) (EPA 6010)	PURGEABLE HALOCARBONS (EPA 601/8010)	TPH-MINERAL SPIRITS w/ Silica Gel Cleanup	HOLD	
MW-B2	3/30/05	1315	H ₂ O	4				X											X	
MW-B3	↓	1200	↓	↓				X											X	
MW-B4	↓	1245	↓	↓				X											X	

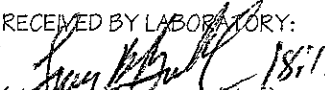
RELINQUISHED BY:

 (signature) (time) 1045

RECEIVED BY:

 (signature) 3/31/05 (time) 1045

RELINQUISHED BY:

 (signature) (time) 1815

RECEIVED BY LABORATORY:

 (signature) (time) 1815

COMMENTS:
 Temp 6°C

D. ALLEN
 (printed name) 03-30-05
 (date)

B. MOORE
 (printed name) 3/31/05
 (date)

B. MOORE
 (printed name) 3/31/05
 (date)

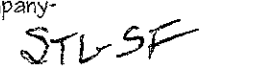
J. BULLACE
 (printed name) 3/31/05
 (date)

TURN AROUND TIME
 STANDARD 24Hr 48Hr 72Hr

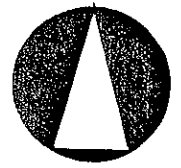
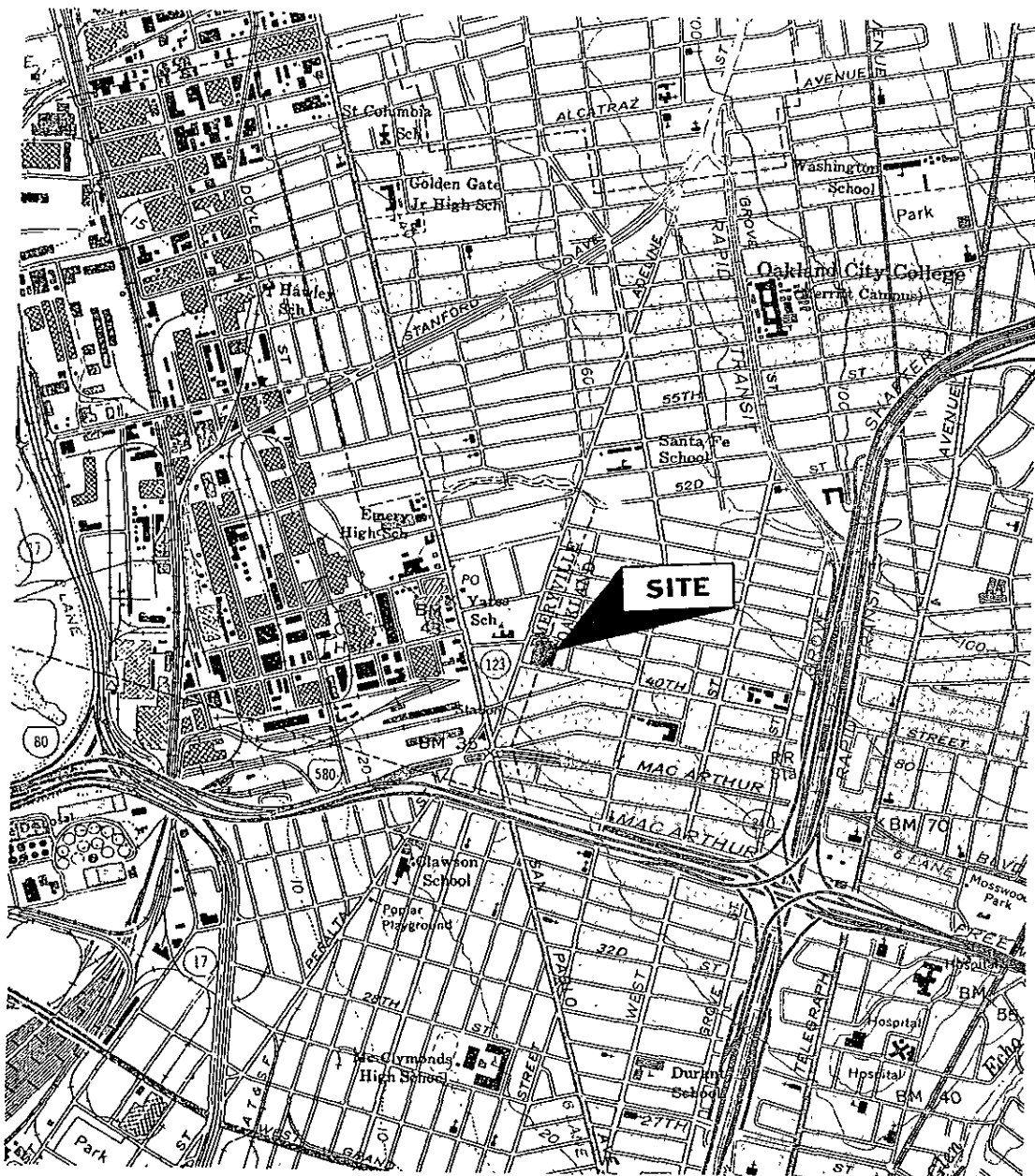
Company-ASE, INC.

Company-


Company-


Company-


OTHER:



NORTH

<h1>SITE LOCATION MAP</h1>	
Kozel Property 1001 42nd Street Oakland, California	
AQUA SCIENCE ENGINEERS, INC.	FIGURE 1

TABLES

TABLE ONE
Groundwater Elevation Data
Kozel Property
1001 42nd Street, Oakland, CA 94608

Well ID	Date of Measurement	Top of Casing Elevation (msl)	Depth to Water (feet)	Depth to Product (feet)	Groundwater Elevation (msl)
<u>Former ONE Facility</u>					
MW-B1	6/10/93	49.92	6.14		43.78
	7/8/93		6.64		43.28
	8/24/93		6.69		43.23
	9/29/93		8.46		41.46
	10/20/93		6.69		43.23
	11/23/93		6.65		43.27
	12/10/98		---		---
	12/14/99		---		---
	6/15/04		6.00	5.85	44.04*
	9/14/04		6.18	6.14	43.77*
	12/16/04		5.14	5.12	44.80*
	3/30/05		3.54	3.50	46.41*
	MW-B2		6/10/93	50.77	6.75
7/8/93		6.91			43.86
8/24/93		7.22			43.55
9/29/93		8.80			41.97
10/20/93		7.25			43.52
11/23/93		7.26			43.51
12/10/98		6.43			44.34
12/14/99		6.50			44.27
6/15/04		6.40			44.37
9/14/04		6.56			44.21
12/16/04		5.88			44.89
3/30/05		5.27			45.50
MW-B3		6/10/93	49.02		6.85
	7/8/93	6.05			42.97
	8/24/93	6.21			42.81
	9/29/93	7.74			41.28
	10/20/93	6.24			42.78
	11/23/93	6.18			42.84
	12/10/98	4.94			44.08
	12/14/99	5.08			43.94
	6/15/04	5.43			43.59
	9/14/04	5.63			43.39
	12/16/04	4.67			44.35
	3/30/05	3.92			45.10
	MW-B4	6/10/93		49.74	6.00
7/8/93		6.14			43.60
8/24/93		6.34			43.40
9/29/93		7.97			41.77
10/20/93		6.11			43.63
11/23/93		6.38			43.36
12/10/98		6.20			43.54
12/14/99		6.05			43.69
6/15/04		5.58	sheen		44.16
9/14/04		5.95			43.79
12/16/04		5.24			44.50
3/30/05		4.42			45.32

TABLE ONE
Groundwater Elevation Data
Kozel Property
1001 42nd Street, Oakland, CA 94608

Well ID	Date of Measurement	Top of Casing Elevation (msl)	Depth to Water (feet)	Depth to Product (feet)	Groundwater Elevation (msl)	
MW-LD4	6/10/93	51.51	6.98		44.53	
	7/8/93		7.18		44.33	
	8/24/93		7.31		44.20	
	9/29/93		7.43		44.08	
	10/20/93		7.37		44.14	
	11/23/93		7.32		44.19	
	12/10/98		6.14		45.37	
	12/14/99		6.52		44.99	
	6/15/04		Well Abandoned			
BES-1	12/10/98	Not surveyed	10.18		---	
	12/14/99		10.98		---	
	6/15/04		9.95	9.94	---	
	9/14/04		10.28	10.21	---	
	12/16/04		54.27	7.94	7.92	46.35*
	3/30/05		7.15	7.12	47.14*	
<u>Former Dunne Paints</u>						
MW-D1	6/10/93	50.56	5.29		45.27	
	7/8/93		5.67		44.89	
	8/24/93		6.01		44.55	
	9/29/93		7.69		42.87	
	10/20/93		6.20		44.36	
	11/23/93		6.08		44.48	
	12/14/99		4.60		45.96	
	11/12/03		49.32	5.98		43.34
	3/12/03		5.97		43.35	
	6/15/04		6.07		43.25	
	9/14/04		5.86		43.46	
	MW-D2		6/10/93	50.56	6.25	
7/8/93		6.37			44.19	
8/24/93		6.47			44.09	
9/29/93		7.96			42.60	
10/20/93		6.48			44.08	
11/23/93		6.44			44.12	
12/10/98		5.68			44.88	
12/14/99		5.80			44.76	
11/12/03		50.52	9.52			41.00
3/12/03		8.94			41.58	
6/15/04		5.89			44.63	
9/14/04		6.01			44.51	
CW-1	11/12/03	47.55	8.93		38.62	
	3/12/03		6.85		40.70	
	6/15/04		7.85		39.70	
	9/14/04		8.38		39.17	
CW-2	11/12/03	47.59	9.25		38.34	
	3/12/03		7.22		40.37	
	6/15/04		8.40		39.19	
	9/14/04		8.98		38.61	

TABLE ONE
 Groundwater Elevation Data
 Kozel Property
 1001 42nd Street, Oakland, CA 94608

Well ID	Date of Measurement	Top of Casing Elevation (msl)	Depth to Water (feet)	Depth to Product (feet)	Groundwater Elevation (msl)
CW-3	11/12/03	46.39	8.30		38.09
	3/12/03		6.04		40.35
	6/15/04		7.74		38.65
	9/14/04		8.65		37.74

NOTES:

* = Groundwater elevation adjusted for free-floating hydrocarbons by the equation:
 Adjusted groundwater elevation = Top of casing elevation - depth to groundwater +
 (0.8 x free-floating hydrocarbon thickness)

Current data is in bold.

TABLE TWO
 Summary of Analytical Results for GROUNDWATER Samples
 Kozel Property (Former O.N.E. Color Communications)
 And Former Dunne Quality Paints
 1001 42nd Street, Oakland, CA 94608
 All results are in parts per billion (ppb)

Well ID & Dates Sampled	Mineral Spirits	Other TPH (As Noted)	Toluene	Ethyl benzene	Total Xylenes	tert-Butyl benzene	sec-Butyl benzene	n-Butyl benzene	Vinyl chloride	1,1-Dichloro ethane	trans-1,2- Dichloro ethane	cis-1,2- Dichloro ethane	Other VOCs
Former O.N.E. Color Communications													
MW-B1													
9/30/1991	-	< 50*; 18,000*; 29,000*	6	250	980	ND	ND	ND	ND	ND	ND	ND	5 (benzene)
6/10/1993	-	27,000*; 57,000*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9/29/1993	43,000	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5/28/2003	26,000	1,100,000*; 37,000*	< 2.5	< 2.5	< 2.5	23	< 2.5	< 2.5	< 2.5	< 2.5	-	< 2.5	< 2.5 - < 25
6/15/2004						Not Sampled Due to Free Product							
9/14/2004						Not Sampled Due to Free Product							
12/16/2004						Not Sampled Due to Free Product							
3/30/2005						Not Sampled Due to Free Product (0.04-feet)							
MW-B2													
6/10/1993	-	3,800*; 1,400*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9/29/1993	290,000	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/10/1998	150,000	< 1,000*; ND*; 2,400*; < 1,000*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/14/1999	630	-	-	-	-	-	-	-	-	-	-	-	-
5/28/2003	1,100	22,000*; 1,800*	< 0.5	< 0.5	< 0.5	3.2	3.2	< 0.5	< 0.5	< 0.5	-	< 0.5	< 0.5 - < 5
6/15/2004	3,000	-	< 5.0	< 5.0	< 10	< 10	< 10	33	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0 - < 500
9/14/2004	410	-	< 5.0	< 5.0	< 10	< 10	< 10	< 10	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0 - < 500
12/16/2004	480	-	< 0.5	< 0.5	< 1.0	1.8	1.4	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5 - < 50
3/30/2005	14,000	-	< 0.5	< 0.5	< 1.0	5.8	4.1	< 1.0	2.2	< 0.5	< 0.5	0.57	< 0.5 - < 50
MW-B3													
6/10/1993	-	1,700*; 510*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9/29/1993	2,400	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/10/1998	120	ND*; ND*; 830*; ND*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/14/1999	< 50	-	-	-	-	-	-	-	-	-	-	-	-
5/28/2003	ND	ND*; ND*	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	< 0.5	< 0.5 - < 5
6/15/2004	< 50	-	< 0.5	< 0.5	< 1.0	< 1.0	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5 - < 50
9/14/2004	< 50	-	< 0.5	< 0.5	< 1.0	< 1.0	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5 - < 50
12/16/2004	< 50	-	< 0.5	< 0.5	< 1.0	< 1.0	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5 - < 50
3/30/2005	< 50	-	< 0.5	< 0.5	< 1.0	< 1.0	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5 - < 50
MW-B4													
6/10/1993	-	36,000*; 36,000*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9/29/1993	1,400	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/10/1998	7,500	1,000*; ND*; 2,700*; ND*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/14/1999	5,100	-	-	-	-	-	-	-	-	-	-	-	-
5/28/2003	990	7,000*; 14,000*	< 0.5	< 0.5	< 0.5	2.8	< 0.5	< 0.5	1.8	< 0.5	-	< 0.5	< 0.5 - < 5
6/15/2004	1,300	-	< 5.0	< 5.0	< 10	< 10	< 10	< 10	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0 - < 500
9/14/2004	400	-	< 5.0	< 5.0	< 10	< 10	< 10	< 10	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0 - < 500
12/16/2004	450	-	< 10	< 10	< 20	4.6	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 - < 100
3/30/2005	3,000	-	< 0.5	< 0.5	< 1.0	6.5	2.0	< 1.0	13	< 0.5	< 0.5	< 0.5	< 0.5 - < 50

TABLE TWO
Summary of Analytical Results for GROUNDWATER Samples
Kozel Property (Former D.N.E. Color Communications)
And Former Durrie Quality Prints
1001 42nd Street, Oakland, CA 94608
All results are in parts per billion (ppb)

Well ID & Dates Sampled	Mineral Spirits	Other TPH (As Noted)	Toluene	Ethyl benzene	Total Xylenes	tert-Butyl benzene	sec-Butyl benzene	n-Butyl benzene	Vinyl chloride	1,1-Dichloro ethane	trans-1,2- Dichloro ethene	cis-1,2- Dichloro ethene	Other VOCs
MW-D2													
8/26/1988	1,600	-	-	-	-	-	-	-	-	-	-	-	-
1/18/1989	<1,000	-	6.3	ND	12	-	-	-	-	-	-	-	-
4/24/1989	<1,000	-	ND	ND	77	-	-	-	-	-	-	-	-
2/21/1990	300	-	ND	0.3	1.5	-	-	-	-	-	-	-	-
6/10/1992	76	ND, NL*	ND	ND	ND	-	-	-	-	-	-	-	-
6/10/1993	-	9,100; 6,200*	ND	ND	ND	-	-	-	-	-	-	-	-
9/24/1993	<50	ND, NL*	ND	ND	ND	-	-	-	-	-	-	-	-
9/29/1993	220	-	ND	ND	ND	-	-	-	-	-	-	-	-
12/10/1998	180	ND; ND; 95; NL*	ND	ND	ND	-	-	-	-	-	-	-	-
12/14/1999	100	-	-	-	-	-	-	-	-	-	-	-	-
11/12/2003	1,400	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<0.5 - <50
3/12/2004	330	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<0.5 - <50
6/15/2004	<50	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<0.5 - <50
9/14/2004	<50	-	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5 - <50
CW-1													
11/12/2003	85	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<0.5 - <50
3/12/2004	<50	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<0.5 - <50
6/15/2004	<50	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<0.5 - <50
9/14/2004	<50	-	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5 - <50
CW-2													
11/12/2003	<50	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<0.5 - <50
3/12/2004	<50	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<0.5 - <50
6/15/2004	<50	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<0.5 - <50
9/14/2004	<50	-	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5 - <50
CW-3													
11/12/2003	<50	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	51 (TCE)
3/12/2004	<50	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<0.5 - <50
6/17/2004	<50	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<0.5 - <50
9/14/2004	<50	-	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5 - <50
ESL	NE	VARIABLES	130	290	13	NE	NE	NE	4.0	47	590	590	VARIABLES

Notes:

Most recent concentrations are in Bold

Non-detectable concentrations noted by the less than sign (<) followed by the laboratory reporting limit or "ND"

NA indicates the data is not available

"-" indicates not tested

* = TPH-d, * = TEPH (non-diesel); * = TPH-g, * = TPPH (non-gasoline), * = Kerosene

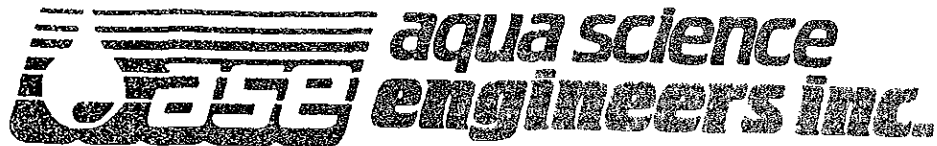
* indicates a grab sample

ESL = Environmental screening levels presented in the "Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater (July 2003)" documents prepared by the California Regional Water Quality Control Board, San Francisco Bay Region.

NE indicates an ESL has not been established

APPENDIX A

Well Sampling Field Log



WELL SAMPLING FIELD LOG

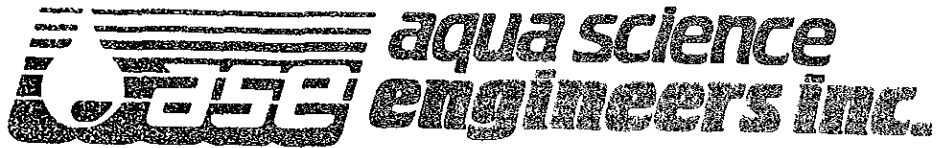
Project Name and Address: Konrad
 Job #: 3176 Date of sampling: 03/30/08
 Well Name: AAW-82 Sampled by: PA
 Total depth of well (feet): 43.5 Well diameter (inches): 2
 Depth to water before sampling (feet): 5.27
 Thickness of floating product if any: 0
 Depth of well casing in water (feet): 18.23
 Number of gallons per well casing volume (gallons): 2.9
 Number of well casing volumes to be removed: 3
 Req'd volume of groundwater to be purged before sampling (gallons): 8.7
 Equipment used to purge the well: NEW DISINFECTABLE PAIL
 Time Evacuation Began: 12:50 Time Evacuation Finished: 13:00
 Approximate volume of groundwater purged: 7 gal.
 Did the well go dry?: NO After how many gallons: ---
 Time samples were collected: 13:15
 Depth to water at time of sampling: 5.35
 Percent recovery at time of sampling: 99
 Samples collected with: NEW DISINFECTABLE PAIL
 Sample color: --- Odor: H₂S
 Description of sediment in sample: slime

CHEMICAL DATA

Volume Purged	Temp	pH	Conductivity
1	70.1	6.85	658
2	70.5	6.85	649
3	71.0	6.85	652
---	---	---	---
---	---	---	---

SAMPLES COLLECTED

Sample	# of containers	Volume & type container	Pres	Iced?	Analysis
M1072	3	90.0 V1A	✓	✓	✓ 2.5
"	1	1.0 V1A	---	✓	7.10 V1A
---	---	---	---	---	---
---	---	---	---	---	---



WELL SAMPLING FIELD LOG

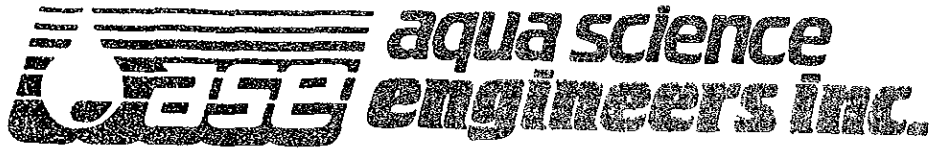
Project Name and Address: Kozell
 Job #: 3976 Date of sampling: 03.22.08
 Well Name: MW. B3 Sampled by: DA
 Total depth of well (feet): 21.2 Well diameter (inches): 2
 Depth to water before sampling (feet): 3.07
 Thickness of floating product if any: 0
 Depth of well casing in water (feet): 20.28
 Number of gallons per well casing volume (gallons): 3.24
 Number of well casing volumes to be removed: 3
 Req'd volume of groundwater to be purged before sampling (gallons): 6.8
 Equipment used to purge the well: 1200 DISPOSABLE BATTERY
 Time Evacuation Began: 1140 Time Evacuation Finished: 1155
 Approximate volume of groundwater purged: 7 gal.
 Did the well go dry?: NO After how many gallons:
 Time samples were collected: 1200
 Depth to water at time of sampling: 1.07
 Percent recovery at time of sampling: 99
 Samples collected with: 1200 DISPOSABLE BATTERY
 Sample color: _____ Odor: _____
 Description of sediment in sample: _____

CHEMICAL DATA

Volume Purged	Temp	pH	Conductivity
<u>1</u>	<u>71.2</u>	<u>6.90</u>	<u>708</u>
<u>2</u>	<u>71.4</u>	<u>6.97</u>	<u>700</u>
<u>3</u>	<u>70.9</u>	<u>6.88</u>	<u>709</u>
_____	_____	_____	_____
_____	_____	_____	_____

SAMPLES COLLECTED

Sample	# of containers	Volume & type container	Pres	Iced?	Analysis
<u>MW B3</u>	<u>2</u>	<u>1000 ml</u>	<u>✓</u>	<u>✓</u>	<u>1000</u>
_____	_____	<u>1 liter</u>	_____	<u>✓</u>	<u>1000-103</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____



WELL SAMPLING FIELD LOG

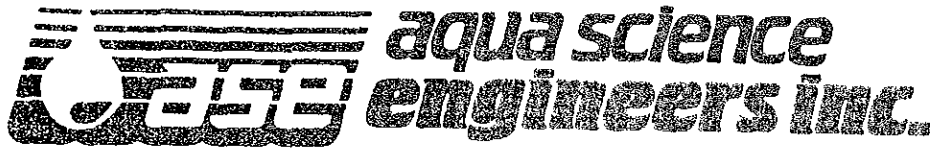
Project Name and Address: Kroyd
 Job #: 2776 Date of sampling: 03-27-03
 Well Name: MW - B4 Sampled by: DA
 Total depth of well (feet): 22.8 Well diameter (inches): 2
 Depth to water before sampling (feet): 4.92
 Thickness of floating product if any: 0
 Depth of well casing in water (feet): 18.38
 Number of gallons per well casing volume (gallons): 2.94
 Number of well casing volumes to be removed: 3
 Req'd volume of groundwater to be purged before sampling (gallons): 8.8
 Equipment used to purge the well: NEW DISPOSABLE PUMP
 Time Evacuation Began: 12:20 Time Evacuation Finished: 12:40
 Approximate volume of groundwater purged: 9 gal.
 Did the well go dry?: NO After how many gallons:
 Time samples were collected: 12:45
 Depth to water at time of sampling: 4.50
 Percent recovery at time of sampling: 99
 Samples collected with: NEW DISPOSABLE PUMP
 Sample color: Odor:
 Description of sediment in sample:

CHEMICAL DATA

Volume Purged	Temp	pH	Conductivity
-----	<u>68.8</u>	<u>6.10</u>	<u>1070</u>
-----	<u>69.7</u>	<u>6.85</u>	<u>1060</u>
-----	<u>69.5</u>	<u>6.80</u>	<u>1015</u>
-----	-----	-----	-----
-----	-----	-----	-----

SAMPLES COLLECTED

Sample	# of containers	Volume & type container	Pres	Iced?	Analysis
<u>1111</u>	-----	<u>40 gal. Voz</u>	<u>✓</u>	<u>✓</u>	<u>Voz</u>
<u>11</u>	<u>1</u>	<u>1 liter</u>	-----	<u>✓</u>	<u>PH, AL</u>
-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----



WELL SAMPLING FIELD LOG

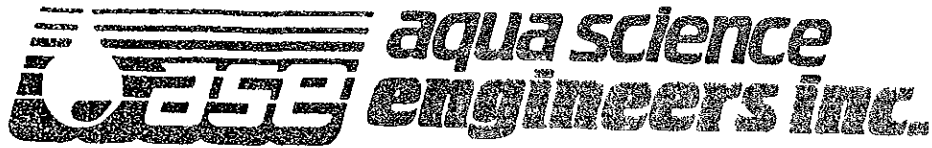
Project Name and Address: KOZEL
Job #: 3976 Date of sampling: 03.30.05
Well Name: B15-1 Sampled by: DA
Total depth of well (feet): _____ Well diameter (inches): 7
Depth to water before sampling (feet): 7.12 / 7.15
Thickness of floating product if any: 0.03
Depth of well casing in water (feet): _____
Number of gallons per well casing volume (gallons): _____
Number of well casing volumes to be removed: _____
Req'd 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: _____ Odor: _____
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>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____



WELL SAMPLING FIELD LOG

Project Name and Address: K-0242
 Job #: 3976 Date of sampling: 03-30-09
 Well Name: MW-B1 Sampled by: DK
 Total depth of well (feet): _____ Well diameter (inches): 2
 Depth to water before sampling (feet): 350 / 3.54
 Thickness of floating product if any: 0.04
 Depth of well casing in water (feet): _____
 Number of gallons per well casing volume (gallons): _____
 Number of well casing volumes to be removed: _____
 Req'd 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: _____ Odor: _____
 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>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

APPENDIX B

Certified Analytical Report
and
Chain of Custody Documentation

Aqua Science Engineers, Inc.

April 18, 2005

208 West El Pintado Road
Danville, CA 94526

Attn.: Dave Allen

Project#: 3976

Project: Kozel

Site: Oakland

Dear Mr. Allen,

Attached is our report for your samples received on 03/31/2005 18:15

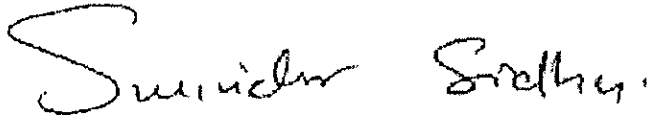
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 05/15/2005 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

Volatile Organic Compounds by 8260B (Low Level)

Aqua Science Engineers, Inc.

Attn.: Dave Allen

208 West El Pintado Road

Danville, CA 94526

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

Project: 3976

Kozel

Received: 03/31/2005 18:15

Site: Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-B2	03/30/2005 13:15	Water	1
MW-B3	03/30/2005 12:00	Water	2
MW-B4	03/30/2005 12:45	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

04/18/2005 14:57

Volatile Organic Compounds by 8260B (Low Level)

Aqua Science Engineers, Inc.

Attn.: Dave Allen

208 West El Pintado Road

Danville, CA 94526

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

Project: 3976

Kozel

Received: 03/31/2005 18:15

Site: Oakland

Prep(s): 5030B

Test(s): 8260B

Sample ID: MW-B2

Lab ID: 2005-04-0032 - 1

Sampled: 03/30/2005 13:15

Extracted: 4/13/2005 22:54

Matrix: Water

QC Batch#: 2005/04/13-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/L	1.00	04/13/2005 22:54	
Acetone	ND	50	ug/L	1.00	04/13/2005 22:54	
Benzene	ND	0.50	ug/L	1.00	04/13/2005 22:54	
Bromodichloromethane	ND	0.50	ug/L	1.00	04/13/2005 22:54	
Bromobenzene	ND	1.0	ug/L	1.00	04/13/2005 22:54	
Bromochloromethane	ND	1.0	ug/L	1.00	04/13/2005 22:54	
Bromoform	ND	0.50	ug/L	1.00	04/13/2005 22:54	
Bromomethane	ND	1.0	ug/L	1.00	04/13/2005 22:54	
2-Butanone(MEK)	ND	50	ug/L	1.00	04/13/2005 22:54	
n-Butylbenzene	ND	1.0	ug/L	1.00	04/13/2005 22:54	
sec-Butylbenzene	4.1	1.0	ug/L	1.00	04/13/2005 22:54	
tert-Butylbenzene	5.8	1.0	ug/L	1.00	04/13/2005 22:54	
Carbon disulfide	ND	5.0	ug/L	1.00	04/13/2005 22:54	
Carbon tetrachloride	ND	0.50	ug/L	1.00	04/13/2005 22:54	
Chlorobenzene	ND	0.50	ug/L	1.00	04/13/2005 22:54	
Chloroethane	ND	1.0	ug/L	1.00	04/13/2005 22:54	
Chloroform	ND	1.0	ug/L	1.00	04/13/2005 22:54	
Chloromethane	ND	1.0	ug/L	1.00	04/13/2005 22:54	
2-Chlorotoluene	ND	0.50	ug/L	1.00	04/13/2005 22:54	
4-Chlorotoluene	ND	0.50	ug/L	1.00	04/13/2005 22:54	
Dibromochloromethane	ND	0.50	ug/L	1.00	04/13/2005 22:54	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	04/13/2005 22:54	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	04/13/2005 22:54	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	04/13/2005 22:54	
1,3-Dichloropropane	ND	1.0	ug/L	1.00	04/13/2005 22:54	
2,2-Dichloropropane	ND	0.50	ug/L	1.00	04/13/2005 22:54	
1,1-Dichloropropene	ND	0.50	ug/L	1.00	04/13/2005 22:54	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1.00	04/13/2005 22:54	
1,2-Dibromoethane	ND	0.50	ug/L	1.00	04/13/2005 22:54	

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04/18/2005 14:57

Volatile Organic Compounds by 8260B (Low Level)

Aqua Science Engineers, Inc.

Attn.: Dave Allen

208 West El Pintado Road

Danville, CA 94526

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

Project: 3976

Kozel

Received: 03/31/2005 18:15

Site: Oakland

Prep(s): 5030B	Test(s): 8260B
Sample ID: MW-B2	Lab ID: 2005-04-0032 - 1
Sampled: 03/30/2005 13:15	Extracted: 4/13/2005 22:54
Matrix: Water	QC Batch#: 2005/04/13-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	0.50	ug/L	1.00	04/13/2005 22:54	
Dichlorodifluoromethane	ND	0.50	ug/L	1.00	04/13/2005 22:54	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	04/13/2005 22:54	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	04/13/2005 22:54	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	04/13/2005 22:54	
cis-1,2-Dichloroethene	0.57	0.50	ug/L	1.00	04/13/2005 22:54	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	04/13/2005 22:54	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	04/13/2005 22:54	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	04/13/2005 22:54	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	04/13/2005 22:54	
Ethylbenzene	ND	0.50	ug/L	1.00	04/13/2005 22:54	
Hexachlorobutadiene	ND	1.0	ug/L	1.00	04/13/2005 22:54	
2-Hexanone	ND	50	ug/L	1.00	04/13/2005 22:54	
Isopropylbenzene	ND	0.50	ug/L	1.00	04/13/2005 22:54	
p-Isopropyltoluene	ND	1.0	ug/L	1.00	04/13/2005 22:54	
Methylene chloride	ND	5.0	ug/L	1.00	04/13/2005 22:54	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	1.00	04/13/2005 22:54	
Naphthalene	ND	1.0	ug/L	1.00	04/13/2005 22:54	
n-Propylbenzene	ND	1.0	ug/L	1.00	04/13/2005 22:54	
Styrene	ND	0.50	ug/L	1.00	04/13/2005 22:54	
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L	1.00	04/13/2005 22:54	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	04/13/2005 22:54	
Tetrachloroethene	ND	0.50	ug/L	1.00	04/13/2005 22:54	
Toluene	ND	0.50	ug/L	1.00	04/13/2005 22:54	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1.00	04/13/2005 22:54	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1.00	04/13/2005 22:54	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	04/13/2005 22:54	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	04/13/2005 22:54	
Trichloroethene	ND	0.50	ug/L	1.00	04/13/2005 22:54	

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04/18/2005 14:57

Volatile Organic Compounds by 8260B (Low Level)

Aqua Science Engineers, Inc.

Attn.: Dave Allen

208 West El Pintado Road

Danville, CA 94526

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

Project: 3976

Kozel

Received: 03/31/2005 18:15

Site: Oakland

Prep(s): 5030B	Test(s): 8260B
Sample ID: MW-B2	Lab ID: 2005-04-0032 - 1
Sampled: 03/30/2005 13:15	Extracted: 4/13/2005 22:54
Matrix: Water	QC Batch#: 2005/04/13-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorofluoromethane	ND	1.0	ug/L	1.00	04/13/2005 22:54	
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	04/13/2005 22:54	
1,2,4-Trimethylbenzene	ND	0.50	ug/L	1.00	04/13/2005 22:54	
1,3,5-Trimethylbenzene	ND	0.50	ug/L	1.00	04/13/2005 22:54	
Vinyl acetate	ND	25	ug/L	1.00	04/13/2005 22:54	
Vinyl chloride	2.2	0.50	ug/L	1.00	04/13/2005 22:54	
Total xylenes	ND	1.0	ug/L	1.00	04/13/2005 22:54	
Surrogate(s)						
4-Bromofluorobenzene	128.2	79-118	%	1.00	04/13/2005 22:54	S7
1,2-Dichloroethane-d4	102.4	78-117	%	1.00	04/13/2005 22:54	
Toluene-d8	103.3	77-121	%	1.00	04/13/2005 22:54	

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Project: 3976

Kozel

Received: 03/31/2005 18:15

Site: Oakland

Prep(s): 5030B	Test(s): 8260B
Sample ID: MW-B3	Lab ID: 2005-04-0032 - 2
Sampled: 03/30/2005 12:00	Extracted: 4/13/2005 17:37
Matrix: Water	QC Batch#: 2005/04/13-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/L	1.00	04/13/2005 17:37	
Acetone	ND	50	ug/L	1.00	04/13/2005 17:37	
Benzene	ND	0.50	ug/L	1.00	04/13/2005 17:37	
Bromodichloromethane	ND	0.50	ug/L	1.00	04/13/2005 17:37	
Bromobenzene	ND	1.0	ug/L	1.00	04/13/2005 17:37	
Bromochloromethane	ND	1.0	ug/L	1.00	04/13/2005 17:37	
Bromoform	ND	0.50	ug/L	1.00	04/13/2005 17:37	
Bromomethane	ND	1.0	ug/L	1.00	04/13/2005 17:37	
2-Butanone(MEK)	ND	50	ug/L	1.00	04/13/2005 17:37	
n-Butylbenzene	ND	1.0	ug/L	1.00	04/13/2005 17:37	
sec-Butylbenzene	ND	1.0	ug/L	1.00	04/13/2005 17:37	
tert-Butylbenzene	ND	1.0	ug/L	1.00	04/13/2005 17:37	
Carbon disulfide	ND	5.0	ug/L	1.00	04/13/2005 17:37	
Carbon tetrachloride	ND	0.50	ug/L	1.00	04/13/2005 17:37	
Chlorobenzene	ND	0.50	ug/L	1.00	04/13/2005 17:37	
Chloroethane	ND	1.0	ug/L	1.00	04/13/2005 17:37	
Chloroform	ND	1.0	ug/L	1.00	04/13/2005 17:37	
Chloromethane	ND	1.0	ug/L	1.00	04/13/2005 17:37	
2-Chlorotoluene	ND	0.50	ug/L	1.00	04/13/2005 17:37	
4-Chlorotoluene	ND	0.50	ug/L	1.00	04/13/2005 17:37	
Dibromochloromethane	ND	0.50	ug/L	1.00	04/13/2005 17:37	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	04/13/2005 17:37	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	04/13/2005 17:37	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	04/13/2005 17:37	
1,3-Dichloropropane	ND	1.0	ug/L	1.00	04/13/2005 17:37	
2,2-Dichloropropane	ND	0.50	ug/L	1.00	04/13/2005 17:37	
1,1-Dichloropropene	ND	0.50	ug/L	1.00	04/13/2005 17:37	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1.00	04/13/2005 17:37	
1,2-Dibromoethane	ND	0.50	ug/L	1.00	04/13/2005 17:37	

Sewern Trent Laboratories, Inc.

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

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Project: 3976

Kozel

Received: 03/31/2005 18:15

Site: Oakland

Prep(s): 5030B	Test(s): 8260B
Sample ID: MW-B3	Lab ID: 2005-04-0032 - 2
Sampled: 03/30/2005 12:00	Extracted: 4/13/2005 17:37
Matrix: Water	QC Batch#: 2005/04/13-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	0.50	ug/L	1.00	04/13/2005 17:37	
Dichlorodifluoromethane	ND	0.50	ug/L	1.00	04/13/2005 17:37	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	04/13/2005 17:37	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	04/13/2005 17:37	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	04/13/2005 17:37	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	04/13/2005 17:37	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	04/13/2005 17:37	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	04/13/2005 17:37	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	04/13/2005 17:37	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	04/13/2005 17:37	
Ethylbenzene	ND	0.50	ug/L	1.00	04/13/2005 17:37	
Hexachlorobutadiene	ND	1.0	ug/L	1.00	04/13/2005 17:37	
2-Hexanone	ND	50	ug/L	1.00	04/13/2005 17:37	
Isopropylbenzene	ND	0.50	ug/L	1.00	04/13/2005 17:37	
p-Isopropyltoluene	ND	1.0	ug/L	1.00	04/13/2005 17:37	
Methylene chloride	ND	5.0	ug/L	1.00	04/13/2005 17:37	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	1.00	04/13/2005 17:37	
Naphthalene	ND	1.0	ug/L	1.00	04/13/2005 17:37	
n-Propylbenzene	ND	1.0	ug/L	1.00	04/13/2005 17:37	
Styrene	ND	0.50	ug/L	1.00	04/13/2005 17:37	
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L	1.00	04/13/2005 17:37	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	04/13/2005 17:37	
Tetrachloroethene	ND	0.50	ug/L	1.00	04/13/2005 17:37	
Toluene	ND	0.50	ug/L	1.00	04/13/2005 17:37	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1.00	04/13/2005 17:37	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1.00	04/13/2005 17:37	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	04/13/2005 17:37	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	04/13/2005 17:37	
Trichloroethene	ND	0.50	ug/L	1.00	04/13/2005 17:37	

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Project: 3976

Kozel

Received: 03/31/2005 18:15

Site: Oakland

Prep(s): 5030B	Test(s): 8260B
Sample ID: MW-B3	Lab ID: 2005-04-0032 - 2
Sampled: 03/30/2005 12:00	Extracted: 4/13/2005 17:37
Matrix: Water	QC Batch#: 2005/04/13-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorofluoromethane	ND	1.0	ug/L	1.00	04/13/2005 17:37	
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	04/13/2005 17:37	
1,2,4-Trimethylbenzene	ND	0.50	ug/L	1.00	04/13/2005 17:37	
1,3,5-Trimethylbenzene	ND	0.50	ug/L	1.00	04/13/2005 17:37	
Vinyl acetate	ND	25	ug/L	1.00	04/13/2005 17:37	
Vinyl chloride	ND	0.50	ug/L	1.00	04/13/2005 17:37	
Total xylenes	ND	1.0	ug/L	1.00	04/13/2005 17:37	
Surrogate(s)						
4-Bromofluorobenzene	117.2	79-118	%	1.00	04/13/2005 17:37	
1,2-Dichloroethane-d4	103.3	78-117	%	1.00	04/13/2005 17:37	
Toluene-d8	103.8	77-121	%	1.00	04/13/2005 17:37	

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Kozel

Received: 03/31/2005 18:15

Site: Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-B4	Lab ID:	2005-04-0032 - 3
Sampled:	03/30/2005 12:45	Extracted:	4/13/2005 23:29
Matrix:	Water	QC Batch#:	2005/04/13-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/L	1.00	04/13/2005 23:29	
Acetone	ND	50	ug/L	1.00	04/13/2005 23:29	
Benzene	ND	0.50	ug/L	1.00	04/13/2005 23:29	
Bromodichloromethane	ND	0.50	ug/L	1.00	04/13/2005 23:29	
Bromobenzene	ND	1.0	ug/L	1.00	04/13/2005 23:29	
Bromochloromethane	ND	1.0	ug/L	1.00	04/13/2005 23:29	
Bromoform	ND	0.50	ug/L	1.00	04/13/2005 23:29	
Bromomethane	ND	1.0	ug/L	1.00	04/13/2005 23:29	
2-Butanone(MEK)	ND	50	ug/L	1.00	04/13/2005 23:29	
n-Butylbenzene	ND	1.0	ug/L	1.00	04/13/2005 23:29	
sec-Butylbenzene	2.0	1.0	ug/L	1.00	04/13/2005 23:29	
tert-Butylbenzene	6.5	1.0	ug/L	1.00	04/13/2005 23:29	
Carbon disulfide	ND	5.0	ug/L	1.00	04/13/2005 23:29	
Carbon tetrachloride	ND	0.50	ug/L	1.00	04/13/2005 23:29	
Chlorobenzene	ND	0.50	ug/L	1.00	04/13/2005 23:29	
Chloroethane	ND	1.0	ug/L	1.00	04/13/2005 23:29	
Chloroform	ND	1.0	ug/L	1.00	04/13/2005 23:29	
Chloromethane	ND	1.0	ug/L	1.00	04/13/2005 23:29	
2-Chlorotoluene	ND	0.50	ug/L	1.00	04/13/2005 23:29	
4-Chlorotoluene	ND	0.50	ug/L	1.00	04/13/2005 23:29	
Dibromochloromethane	ND	0.50	ug/L	1.00	04/13/2005 23:29	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	04/13/2005 23:29	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	04/13/2005 23:29	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	04/13/2005 23:29	
1,3-Dichloropropane	ND	1.0	ug/L	1.00	04/13/2005 23:29	
2,2-Dichloropropane	ND	0.50	ug/L	1.00	04/13/2005 23:29	
1,1-Dichloropropene	ND	0.50	ug/L	1.00	04/13/2005 23:29	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1.00	04/13/2005 23:29	
1,2-Dibromoethane	ND	0.50	ug/L	1.00	04/13/2005 23:29	

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Kozel

Received: 03/31/2005 18:15

Site: Oakland

Prep(s): 5030B	Test(s): 8260B
Sample ID: MW-B4	Lab ID: 2005-04-0032 - 3
Sampled: 03/30/2005 12:45	Extracted: 4/13/2005 23:29
Matrix: Water	QC Batch#: 2005/04/13-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	0.50	ug/L	1.00	04/13/2005 23:29	
Dichlorodifluoromethane	ND	0.50	ug/L	1.00	04/13/2005 23:29	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	04/13/2005 23:29	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	04/13/2005 23:29	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	04/13/2005 23:29	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	04/13/2005 23:29	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	04/13/2005 23:29	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	04/13/2005 23:29	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	04/13/2005 23:29	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	04/13/2005 23:29	
Ethylbenzene	ND	0.50	ug/L	1.00	04/13/2005 23:29	
Hexachlorobutadiene	ND	1.0	ug/L	1.00	04/13/2005 23:29	
2-Hexanone	ND	50	ug/L	1.00	04/13/2005 23:29	
Isopropylbenzene	ND	0.50	ug/L	1.00	04/13/2005 23:29	
p-Isopropyltoluene	ND	1.0	ug/L	1.00	04/13/2005 23:29	
Methylene chloride	ND	5.0	ug/L	1.00	04/13/2005 23:29	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	1.00	04/13/2005 23:29	
Naphthalene	ND	1.0	ug/L	1.00	04/13/2005 23:29	
n-Propylbenzene	ND	1.0	ug/L	1.00	04/13/2005 23:29	
Styrene	ND	0.50	ug/L	1.00	04/13/2005 23:29	
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L	1.00	04/13/2005 23:29	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	04/13/2005 23:29	
Tetrachloroethene	ND	0.50	ug/L	1.00	04/13/2005 23:29	
Toluene	ND	0.50	ug/L	1.00	04/13/2005 23:29	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1.00	04/13/2005 23:29	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1.00	04/13/2005 23:29	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	04/13/2005 23:29	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	04/13/2005 23:29	
Trichloroethene	ND	0.50	ug/L	1.00	04/13/2005 23:29	

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Volatile Organic Compounds by 8260B (Low Level)

Aqua Science Engineers, Inc.

Attn.: Dave Allen

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Danville, CA 94526

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

Project: 3976

Kozel

Received: 03/31/2005 18:15

Site: Oakland

Prep(s): 5030B	Test(s): 8260B
Sample ID: MW-B4	Lab ID: 2005-04-0032 - 3
Sampled: 03/30/2005 12:45	Extracted: 4/13/2005 23:29
Matrix: Water	QC Batch#: 2005/04/13-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorofluoromethane	ND	1.0	ug/L	1.00	04/13/2005 23:29	
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	04/13/2005 23:29	
1,2,4-Trimethylbenzene	ND	0.50	ug/L	1.00	04/13/2005 23:29	
1,3,5-Trimethylbenzene	ND	0.50	ug/L	1.00	04/13/2005 23:29	
Vinyl acetate	ND	25	ug/L	1.00	04/13/2005 23:29	
Vinyl chloride	1.3	0.50	ug/L	1.00	04/13/2005 23:29	
Total xylenes	ND	1.0	ug/L	1.00	04/13/2005 23:29	
Surrogate(s)						
4-Bromofluorobenzene	114.9	79-118	%	1.00	04/13/2005 23:29	
1,2-Dichloroethane-d4	94.8	78-117	%	1.00	04/13/2005 23:29	
Toluene-d8	101.2	77-121	%	1.00	04/13/2005 23:29	

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Project: 3976

Kozel

Received: 03/31/2005 18:15

Site: Oakland

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2005/04/13-01.06-004

Water

Test(s): 8260B

QC Batch # 2005/04/13-01.06

Date Extracted: 04/13/2005 11:11

Compound	Conc.	RL	Unit	Analyzed	Flag
MTBE	ND	5.0	ug/L	04/13/2005 11:11	
Acetone	ND	50	ug/L	04/13/2005 11:11	
Benzene	ND	0.5	ug/L	04/13/2005 11:11	
Bromodichloromethane	ND	0.5	ug/L	04/13/2005 11:11	
Bromobenzene	ND	1.0	ug/L	04/13/2005 11:11	
Bromochloromethane	ND	1.0	ug/L	04/13/2005 11:11	
Bromoform	ND	0.5	ug/L	04/13/2005 11:11	
Bromomethane	ND	1.0	ug/L	04/13/2005 11:11	
2-Butanone(MEK)	ND	50	ug/L	04/13/2005 11:11	
n-Butylbenzene	ND	1.0	ug/L	04/13/2005 11:11	
sec-Butylbenzene	ND	1.0	ug/L	04/13/2005 11:11	
tert-Butylbenzene	ND	1.0	ug/L	04/13/2005 11:11	
Carbon disulfide	ND	5.0	ug/L	04/13/2005 11:11	
Carbon tetrachloride	ND	0.5	ug/L	04/13/2005 11:11	
Chlorobenzene	ND	0.5	ug/L	04/13/2005 11:11	
Chloroethane	ND	1.0	ug/L	04/13/2005 11:11	
Chloroform	ND	1.0	ug/L	04/13/2005 11:11	
Chloromethane	ND	1.0	ug/L	04/13/2005 11:11	
2-Chlorotoluene	ND	0.5	ug/L	04/13/2005 11:11	
4-Chlorotoluene	ND	0.5	ug/L	04/13/2005 11:11	
Dibromochloromethane	ND	0.5	ug/L	04/13/2005 11:11	
1,2-Dichlorobenzene	ND	0.5	ug/L	04/13/2005 11:11	
1,3-Dichlorobenzene	ND	0.5	ug/L	04/13/2005 11:11	
1,4-Dichlorobenzene	ND	0.5	ug/L	04/13/2005 11:11	
1,3-Dichloropropane	ND	1.0	ug/L	04/13/2005 11:11	
2,2-Dichloropropane	ND	0.5	ug/L	04/13/2005 11:11	
1,1-Dichloropropene	ND	0.5	ug/L	04/13/2005 11:11	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	04/13/2005 11:11	
1,2-Dibromoethane	ND	0.5	ug/L	04/13/2005 11:11	

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Attn.: Dave Allen

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

Project: 3976

Kozel

Received: 03/31/2005 18:15

Site: Oakland

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2005/04/13-01.06-004

Water

Test(s): 8260B

QC Batch # 2005/04/13-01.06

Date Extracted: 04/13/2005 11:11

Compound	Conc.	RL	Unit	Analyzed	Flag
Dibromomethane	ND	0.5	ug/L	04/13/2005 11:11	
Dichlorodifluoromethane	ND	0.5	ug/L	04/13/2005 11:11	
1,1-Dichloroethane	ND	0.5	ug/L	04/13/2005 11:11	
1,2-Dichloroethane	ND	0.5	ug/L	04/13/2005 11:11	
1,1-Dichloroethene	ND	0.5	ug/L	04/13/2005 11:11	
cis-1,2-Dichloroethene	ND	0.5	ug/L	04/13/2005 11:11	
trans-1,2-Dichloroethene	ND	0.5	ug/L	04/13/2005 11:11	
1,2-Dichloropropane	ND	0.5	ug/L	04/13/2005 11:11	
cis-1,3-Dichloropropene	ND	0.5	ug/L	04/13/2005 11:11	
trans-1,3-Dichloropropene	ND	0.5	ug/L	04/13/2005 11:11	
Ethylbenzene	ND	0.5	ug/L	04/13/2005 11:11	
Hexachlorobutadiene	ND	1.0	ug/L	04/13/2005 11:11	
2-Hexanone	ND	50	ug/L	04/13/2005 11:11	
Isopropylbenzene	ND	0.5	ug/L	04/13/2005 11:11	
p-Isopropyltoluene	ND	1.0	ug/L	04/13/2005 11:11	
Methylene chloride	ND	5.0	ug/L	04/13/2005 11:11	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	04/13/2005 11:11	
Naphthalene	ND	1.0	ug/L	04/13/2005 11:11	
n-Propylbenzene	ND	1.0	ug/L	04/13/2005 11:11	
Styrene	ND	0.5	ug/L	04/13/2005 11:11	
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L	04/13/2005 11:11	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	04/13/2005 11:11	
Tetrachloroethene	ND	0.5	ug/L	04/13/2005 11:11	
Toluene	ND	0.5	ug/L	04/13/2005 11:11	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	04/13/2005 11:11	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	04/13/2005 11:11	
1,1,1-Trichloroethane	ND	0.5	ug/L	04/13/2005 11:11	
1,1,2-Trichloroethane	ND	0.5	ug/L	04/13/2005 11:11	
Trichloroethene	ND	0.5	ug/L	04/13/2005 11:11	

Severn Trent Laboratories, Inc.

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04/18/2005 14:57

Volatile Organic Compounds by 8260B (Low Level)

Aqua Science Engineers, Inc.

Attn.: Dave Allen

208 West El Pintado Road
Danville, CA 94526

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

Project: 3976
Kozel

Received: 03/31/2005 18:15

Site: Oakland

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2005/04/13-01.06-004

Water

Test(s): 8260B

QC Batch # 2005/04/13-01.06

Date Extracted: 04/13/2005 11:11

Compound	Conc.	RL	Unit	Analyzed	Flag
Trichlorofluoromethane	ND	1.0	ug/L	04/13/2005 11:11	
Trichlorotrifluoroethane	ND	0.5	ug/L	04/13/2005 11:11	
1,2,4-Trimethylbenzene	ND	0.5	ug/L	04/13/2005 11:11	
1,3,5-Trimethylbenzene	ND	0.5	ug/L	04/13/2005 11:11	
Vinyl acetate	ND	25	ug/L	04/13/2005 11:11	
Vinyl chloride	ND	0.5	ug/L	04/13/2005 11:11	
Total xylenes	ND	1.0	ug/L	04/13/2005 11:11	
Surrogates(s)					
4-Bromofluorobenzene	115.7	79-118	%	04/13/2005 11:11	
1,2-Dichloroethane-d4	101.1	78-117	%	04/13/2005 11:11	
Toluene-d8	102.2	77-121	%	04/13/2005 11:11	

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Kozel

Received: 03/31/2005 18:15

Site: Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2005/04/13-01.06

LCS 2005/04/13-01.06-002

Extracted: 04/13/2005

Analyzed: 04/13/2005 09:42

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	17.4		20.0	87.0			69-129	20		
Chlorobenzene	17.0		20.0	85.0			61-121	20		
1,1-Dichloroethene	16.6		20.0	83.0			65-125	20		
Toluene	16.6		20.0	83.0			70-130	20		
Trichloroethene	15.5		20.0	77.5			74-134	20		
Surrogates(s)										
4-Bromofluorobenzene	580		500	116.0			79-118			
1,2-Dichloroethane-d4	541		500	108.2			78-117			
Toluene-d8	539		500	107.8			77-121			

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Kozel

Received: 03/31/2005 18:15

Site: Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD)

Water

QC Batch # 2005/04/13-01.06

MS/MSD

Lab ID: 2005-03-0948 - 019

MS: 2005/04/13-01.06-007

Extracted: 04/13/2005

Analyzed: 04/13/2005 13:11

Dilution: 5.00

MSD: 2005/04/13-01.06-008

Extracted: 04/13/2005

Analyzed: 04/13/2005 13:46

Dilution: 5.00

Compound	Conc		Sample	Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD			ug/L	MS	MSD	RPD	Rec.	RPD	MS
Benzene	93.1	94.4	ND	100.0	93.1	94.4	1.4	69-129	20		
Chlorobenzene	91.1	92.0	ND	100.0	91.1	92.0	1.0	61-121	20		
1,1-Dichloroethene	92.8	95.0	ND	100.0	92.8	95.0	2.3	65-125	20		
Toluene	92.1	92.2	ND	100.0	92.1	92.2	0.1	70-130	20		
Trichloroethene	123	118	29.8	100.0	93.2	88.2	5.5	74-134	20		
Surrogate(s)											
4-Bromofluorobenzene	607	571		500	121.4	114.2		79-118		S7	
1,2-Dichloroethane-d4	513	492		500	102.6	98.4		78-117			
Toluene-d8	515	507		500	103.0	101.4		77-121			

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Project: 3976

Kozel

Received: 03/31/2005 18:15

Site: Oakland

Legend and Notes

Result Flag

S7

Surrogate recoveries higher than acceptance limits.

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TEPH w/ Silica Gel Clean-up

Aqua Science Engineers, Inc.

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Project: 3976

Kozel

Received: 03/31/2005 18:15

Site: Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-B2	03/30/2005 13:15	Water	1
MW-B3	03/30/2005 12:00	Water	2
MW-B4	03/30/2005 12:45	Water	3

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Page 1 of 7

TEPH w/ Silica Gel Clean-up

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Project: 3976

Kozel

Received: 03/31/2005 18:15

Site: Oakland

Prep(s): 3510/8015M	Test(s): 8015M
Sample ID: MW-B2	Lab ID: 2005-04-0032 - 1
Sampled: 03/30/2005 13:15	Extracted: 4/5/2005 08:37
Matrix: Water	QC Batch#: 2005/04/05-02.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Mineral spirits	14000	250	ug/L	5.00	04/07/2005 12:24	Q8
<i>Surrogate(s)</i>						
o-Terphenyl	NA	60-130	%	5.00	04/07/2005 12:24	S3

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TEPH w/ Silica Gel Clean-up

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Project: 3976

Kozel

Received: 03/31/2005 18:15

Site: Oakland

Prep(s): 3510/8015M	Test(s): 8015M
Sample ID: MW-B3	Lab ID: 2005-04-0032 - 2
Sampled: 03/30/2005 12:00	Extracted: 4/5/2005 08:37
Matrix: Water	QC Batch#: 2005/04/05-02.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Mineral spirits	ND	50	ug/L	1.00	04/06/2005 19:56	
<i>Surrogate(s)</i>						
o-Terphenyl	73.3	60-130	%	1.00	04/06/2005 19:56	

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TEPH w/ Silica Gel Clean-up

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Project: 3976

Kozel

Received: 03/31/2005 18:15

Site: Oakland

Prep(s): 3510/8015M Test(s): 8015M
 Sample ID: MW-B4 Lab ID: 2005-04-0032 - 3
 Sampled: 03/30/2005 12:45 Extracted: 4/5/2005 08:37
 Matrix: Water QC Batch#: 2005/04/05-02.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Mineral spirits	3000	50	ug/L	1.00	04/06/2005 20:23	Q8
<i>Surrogate(s)</i>						
o-Terphenyl	90.6	60-130	%	1.00	04/06/2005 20:23	

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TEPH w/ Silica Gel Clean-up

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Project: 3976

Kozel

Received: 03/31/2005 18:15

Site: Oakland

Batch QC Report

Prep(s): 3510/8015M

Method Blank

MB: 2005/04/05-02.10-001

Water

Test(s): 8015M

QC Batch # 2005/04/05-02.10

Date Extracted: 04/05/2005 08:37

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	04/06/2005 11:49	
Mineral spirits	ND	50	ug/L	04/06/2005 11:49	
<i>Surrogates(s)</i> o-Terphenyl	79.5	60-130	%	04/06/2005 11:49	

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Project: 3976
Kozel

Received: 03/31/2005 18:15

Site: Oakland

Batch QC Report

Prep(s): 3510/8015M

Test(s): 8015M

Laboratory Control Spike

Water

QC Batch # 2005/04/05-02.10

LCS 2005/04/05-02.10-002

Extracted: 04/05/2005

Analyzed: 04/06/2005 13:10

LCSD 2005/04/05-02.10-003

Extracted: 04/05/2005

Analyzed: 04/06/2005 14:32

Compound	Conc. ug/L		Exp. Conc	Recovery %		RPD	Ctrl Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Diesel	701	619	1000	70.1	61.9	12.4	60-130	25		
Surrogates(s) o-Terphenyl	14.4	15.0	20.0	72.1	75.2		60-130	0		

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Project: 3976

Kozel

Received: 03/31/2005 18:15

Site: Oakland

Legend and Notes

Result Flag

Q8

Quantit. of unknown hydrocarbon(s) in sample based on Mineral Spirits

S3

Surrogate recovery not reportable due to required dilution.

Severn Trent Laboratories, Inc.

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Page 7 of 7