



August 11, 2004

Alameda County
AUG 19 2004
Environmental Health

QUARTERLY GROUNDWATER MONITORING REPORT
JUNE 2004 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

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 subject property is also located in Emeryville, California as the city limit runs through the subject property.

2.0 GROUNDWATER FLOW DIRECTION AND GRADIENT

On June 15, 2004, 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 well MW-B1 contained 0.15-feet of free-floating hydrocarbons, and BES-1 contained 0.01-feet of free-floating hydrocarbons. A sheen was also present on the water surface in monitoring well MW-B4. Monitoring well MW-LD4 was found to be full of cement. No information is available on the destruction of this well. Groundwater elevation data is presented in Table One. Groundwater elevation data from Clayton Environmental for the former Dunne Paints, sampled the same day as the Kozel property wells, is also included in the Table One.

A groundwater elevation (potentiometric surface) contour map is shown as Figure 2. The groundwater flow direction at the site is generally to the southwest with an approximate gradient of 0.025 feet/foot during this quarterly sampling period.

3.0 MONITORING WELL SAMPLING

On June 15, 2004, 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. Monitoring well MW-LD4 was not sampled because it was found to be destroyed (full of cement).

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 disposable polyethylene

bailers. The groundwater samples to be analyzed for volatile compounds were decanted from the bailers 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.

Groundwater samples collected from monitoring well MW-B2 contained 3,000 parts per billion (ppb) TPH-MS, and groundwater samples collected from MW-B4 contained 1,300 ppb TPH-MS. No TPH-MS was detected in groundwater samples collected from MW-B3. The only VOC detected was n-butyl benzene at 33 ppb in the groundwater sample collected from monitoring well MW-B2.

5.0 CONCLUSIONS

Monitoring well MW-B1, adjacent to the former UST, contained 0.15-feet of free-floating hydrocarbons, and BES-1, adjacent to the former sump, contained 0.01-feet of free-floating hydrocarbons. Groundwater samples collected from monitoring well MW-B2 contained TPH-MS at 3,000 ppb, and groundwater samples collected from MW-B4 contained 1,300 ppb TPH-MS. No TPH-MS was detected in groundwater samples collected from MW-B3. Monitoring well MW-D1, on the former Dunne Paint site, contained 100 ppb TPH-MS. None of the other former Dunne Paint property wells contained detectable concentrations of TPH-MS during the most recent sampling.

6.0 RECOMMENDATIONS

ASE prepared a workplan dated July 23, 2004 to conduct further environmental activities at the site. ASE plans to conduct the work presented in the workplan immediately upon approval of the workplan by the Alameda County Health Care Services Agency (ACHCSA). Additionally, ASE recommends continued quarterly groundwater monitoring at the site. The next groundwater monitoring event is scheduled for September 2004.

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.

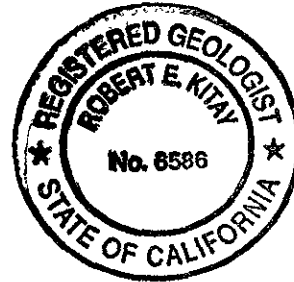
Aqua Science Engineers appreciates the opportunity to assist the Edward R. and Elizabeth A. Kozel Charitable Remainder Trust with its environmental needs. Should you have any questions or comments, please feel free to call us at (925) 820-9391.

Respectfully submitted,

AQUA SCIENCE ENGINEERS, INC.



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, 20 Oak Knoll Drive, Healdsburg, CA 95448-3108

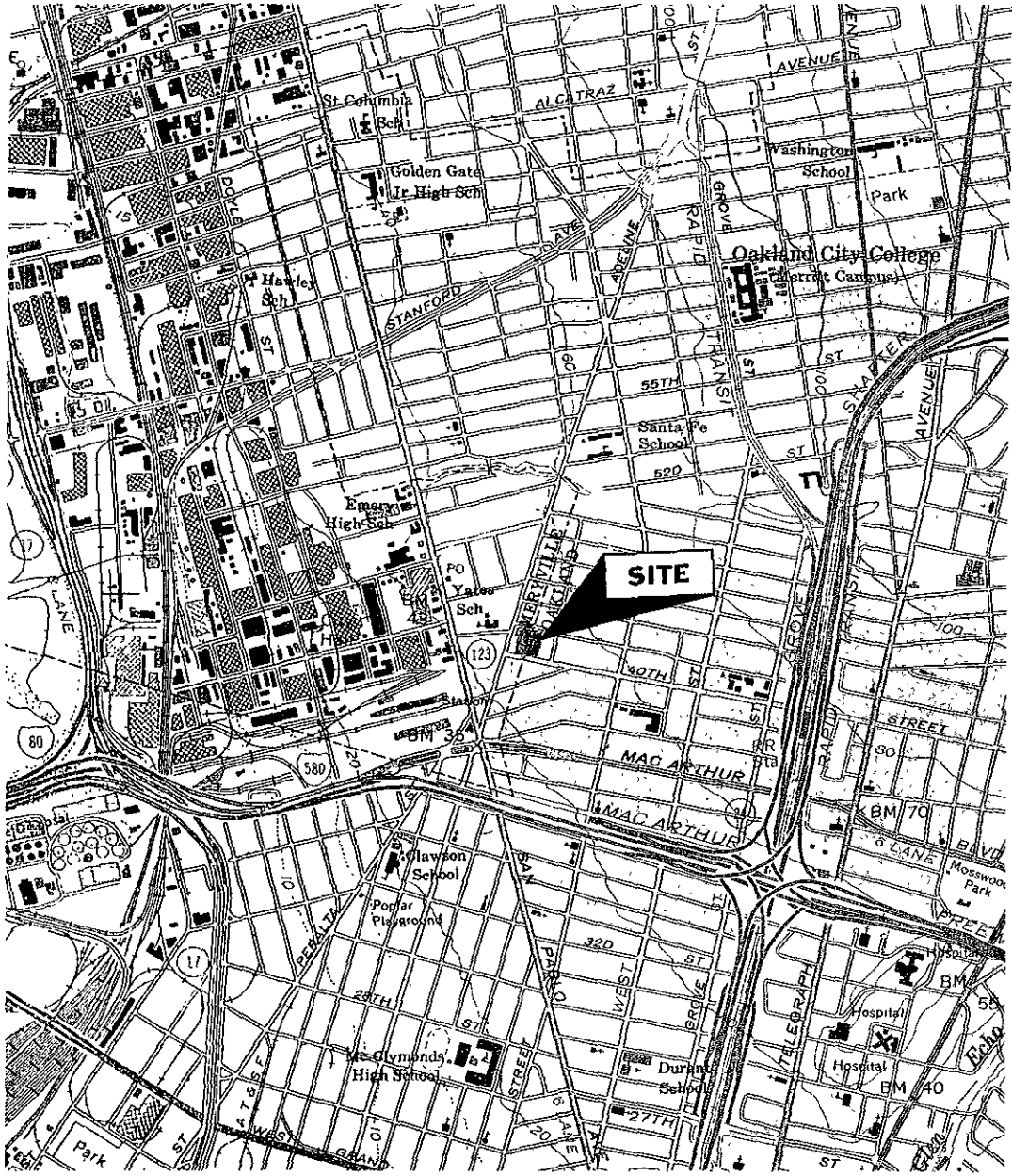
Mr. Randolph Harris, Harris and Harris, Ordway Building, One Kaiser Plaza, Suite 1010, Oakland, CA 94612-3601

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

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

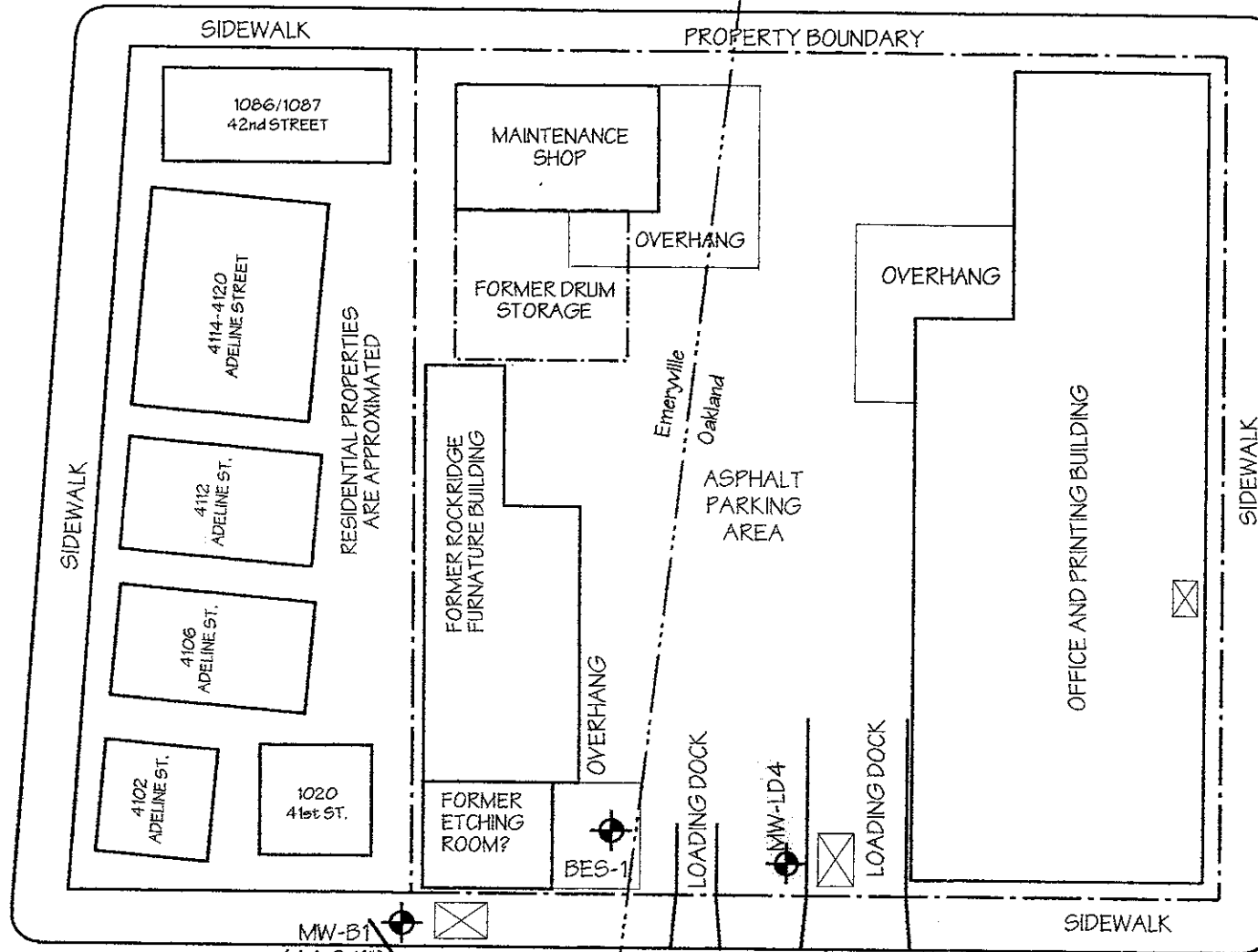
42nd STREET



NORTH






SCALE
1 INCH = 50 FEET

ADELINE STREET



LINDEN STREET

LEGEND

-  FORMER UST
-  MW-B4 (44.16') MONITORING WELL FOR KOZEL PROPERTY WITH GROUNDWATER ELEVATION
-  MW-D2 (44.63') MONITORING WELL FOR DUNNE PAINTS WITH GROUNDWATER ELEVATION
-  POTENTIOMETRIC SURFACE CONTOUR
-  ESTIMATED GROUNDWATER FLOW DIRECTION
- * GROUNDWATER ELEVATION ADJUSTED FOR THICKNESS OF FREE-FLOATING HYDROCARBONS

41st STREET

**POTENTIOMETRIC SURFACE
CONTOUR MAP - 6/15/04**

Date: August 11, 2004

Scale: 1" = 50'

Kozel Property
1001 42nd Street
Oakland, California

Aqua Science Engineers, Inc.

Figure 2

CW-2
(39.19')

CW-1
(39.70')

MW-D1
(43.25')

MW-B3
(43.59')

MW-B4
(44.16')

MW-B2
(44.37')

MW-D2
(44.63')

MW-LD4

BES-1

TABLES

TABLE ONE
 Groundwater Elevation Data
 Koziel 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*
	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
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

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-B4	6/10/93	49.74	6.00		43.74	
	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	
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	
				Well Abandoned		
BES-1	12/10/98	Not surveyed	10.18		---	
	12/14/99		10.98		---	
	6/15/04		9.95	9.94	---	
<u>Former Dunne Points</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		

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-D2	6/10/93	50.56	6.25		44.31
	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	
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
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
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

NOTES:

* = Groundwater elevation adjusted for free-floating hydrocarbons by the equation:
 Adjusted groundwater elevation = Top of 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 ethene	cis-1,2- Dichloro ethene	Other VOCs
<u>Former O.N.E.</u>													
<u>Color Communications</u>													
<u>MW-B1</u>													
9/30/1991	-	< 50 ^a ; 18,000 ^a ; 29,000 ^a	6	250	980	ND	ND	ND	ND	ND	ND	ND	5 (benzene)
6/10/1993	-	27,000 ^a ; 57,000 ^a	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 ^a ; 37,000 ^a	< 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							
<u>MW-B2</u>													
6/10/1993	-	3,800 ^b ; 1,400 ^a	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 ^a ; ND ^c ; 2,400 ^a ; < 1,000 ^a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/14/1999	630	-	-	-	-	-	-	-	-	-	-	-	-
5/28/2003	1,100	22,000 ^a ; 1,600 ^a	< 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	< 5	< 10	< 10	< 10	33	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0 - < 500
<u>MW-B3</u>													
6/10/1993	-	1,700 ^b ; 510 ^a	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 ^a ; ND ^c ; 830 ^a ; ND ^c	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/14/1999	< 50	-	-	-	-	-	-	-	-	-	-	-	-
5/28/2003	ND	ND ^a ; ND ^c	< 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
<u>MW-B4</u>													
6/10/1993	-	36,000 ^b ; 36,000 ^a	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 ^a ; ND ^c ; 2,700 ^a ; ND ^c	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/14/1999	5,100	-	-	-	-	-	-	-	-	-	-	-	-
5/28/2003	990	7,000 ^a ; 14,000 ^a	< 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	< 5	< 10	< 10	< 10	< 10	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0 - < 500

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 ethene	cis-1,2- Dichloro ethene	Other VOCs	
BES-1														
4/21/1994	12,000	18,000 ^a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
12/10/1998	78,000	<1,000 ^a ; <1,000 ^c	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
12/14/1999	72,000	-	-	-	-	-	-	-	-	-	-	-	-	
5/28/2003	60,000	19,000 ^a ; 84,000 ^c	<0.5	<0.5	<0.5	4.4	<0.5	<0.5	20	1.5	2.1	17	<0.5 - <5	
6/18/2003	120,000	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	18	<0.5	<0.5	14	<0.5 - <5	
6/15/2004						Not Sampled Due to Free Product								
MW-LD4														
9/30/1991	-	-	3.1	9.0	24	-	-	-	-	-	-	-	2.0 (benzene)	
6/10/1993	-	21,000 ^a ; 1,100 ^d	ND	ND	ND	-	-	-	-	-	-	-	-	
9/29/1993	700	-	ND	ND	ND	-	-	-	-	-	-	-	-	
12/10/1998	130	170 ^a ; ND ^c ; 83 ^d ; ND ^e	ND	ND	ND	-	-	-	-	-	-	-	-	
12/14/1999	440,000	-	-	-	-	-	-	-	-	-	-	-	-	
1/13/2000 [*]	630,000	-	-	-	-	-	-	-	-	-	-	-	-	
6/15/2004						Abandoned								
Former Dunne Paints														
MW-D1														
8/26/1988	1,000	-	-	-	-	-	-	-	-	-	-	-	-	
1/18/1989	<1,000	-	2.0	ND	1.8	-	-	-	-	-	-	-	-	
4/24/1989	<1,000	-	ND	ND	1.1	-	-	-	-	-	-	-	-	
2/21/1990	<100	ND ^a ; ND ^b ; ND ^c	ND	0.4	1.3	-	-	-	-	-	-	-	-	
6/10/1992	<50	ND ^a ; ND ^b ; ND ^c	ND	ND	ND	-	-	-	-	-	-	-	-	
6/10/1993	-	220 ^b ; 230 ^d	ND	ND	ND	-	-	-	-	-	-	-	-	
9/24/1993	<50	ND ^a ; ND ^c	ND	ND	ND	-	-	-	-	-	-	-	-	
9/29/1993	110	-	ND	ND	ND	-	-	-	-	-	-	-	-	
12/14/1999	<50	-	-	-	-	-	-	-	-	-	-	-	-	
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	260	-	<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	100	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0 - <50	

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 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	7.7	-	-	-	-	-	-	-	-
2/21/1990	300	-	ND	0.3	1.5	-	-	-	-	-	-	-	-
6/10/1992	76	ND ^a ; ND ^b	ND	ND	ND	-	-	-	-	-	-	-	-
6/10/1993	-	9,100 ^b ; 6,200 ^c	ND	ND	ND	-	-	-	-	-	-	-	-
9/24/1993	< 50	ND ^a ; ND ^b	ND	ND	ND	-	-	-	-	-	-	-	-
9/29/1993	220	-	ND	ND	ND	-	-	-	-	-	-	-	-
12/10/1998	180	ND ^a ; ND ^b ; 95 ^c ; ND ^d	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
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
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
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	5.1 (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

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.

^a = TPH-d; ^b = TEPH (non-diesel); ^c = TPH-g; ^d = TPPH (non-gasoline); ^e = Kerosene

* indicates a grab sample

APPENDIX A

Well Sampling Field Log



WELL SAMPLING FIELD LOG

Project Name and Address: VOZEL PROPERTY
 Job #: 39412 Date of sampling: 6/15/04
 Well Name: B-1 Sampled by: PH
 Total depth of well (feet): _____ Well diameter (inches): 2
 Depth to water before sampling (feet): 5.85 / 6.00
 Thickness of floating product if any: 0.15
 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: _____

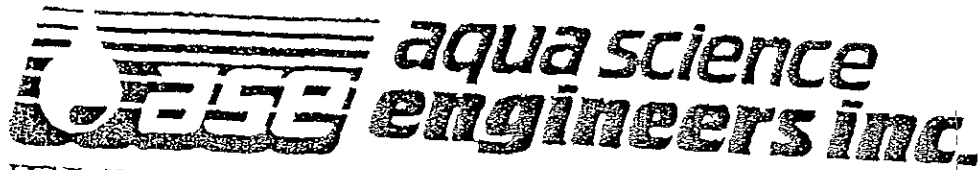
CHEMICAL DATA

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: KOROL PROPERTY
 Job #: 3942 Date of sampling: 6/15/04
 Well Name: B-3 Sampled by: DH
 Total depth of well (feet): 24.2 Well diameter (inches): 2
 Depth to water before sampling (feet): 5.43
 Thickness of floating product if any: -
 Depth of well casing in water (feet): 18.77
 Number of gallons per well casing volume (gallons): 3.0
 Number of well casing volumes to be removed: 3
 Req'd volume of groundwater to be purged before sampling (gallons): 9
 Equipment used to purge the well: BAILER
 Time Evacuation Began: 1250 Time Evacuation Finished: 1345
 Approximate volume of groundwater purged: 12
 Did the well go dry?: NO After how many gallons: 10
 Time samples were collected: 1350
 Depth to water at time of sampling: 6.87
 Percent recovery at time of sampling: -
 Samples collected with: BAILER
 Sample color: - Odor: -
 Description of sediment in sample: -

CHEMICAL DATA

Volume Purged	Temp	pH	Conductivity
<u>3</u>	<u>73.1</u>	<u>6.85</u>	<u>789</u>
<u>6</u>	<u>70.1</u>	<u>6.87</u>	<u>707</u>
<u>9</u>	<u>70.0</u>	<u>6.86</u>	<u>633</u>
<u>12</u>	<u>70.0</u>	<u>6.89</u>	<u>629</u>

SAMPLES COLLECTED

Sample	# of containers	Volume & type container	Pres	Iced?	Analysis
<u>B3</u>	<u>3</u>	<u>40 ml VOA</u>	<u>HCL</u>	<u>✓</u>	
<u>B3</u>	<u>1</u>	<u>1L AMBER</u>	<u>-</u>	<u>✓</u>	



WELL SAMPLING FIELD LOG

Project Name and Address: KOZEL PROPERTY
 Job #: 3942 Date of sampling: 6/15/04
 Well Name: ~~M-84~~ B-4 Sampled by: PH
 Total depth of well (feet): 22.8 Well diameter (inches): 2
 Depth to water before sampling (feet): 5.58
 Thickness of floating product if any: FILM
 Depth of well casing in water (feet): 17.1
 Number of gallons per well casing volume (gallons): 2.7
 Number of well casing volumes to be removed: 3
 Req'd volume of groundwater to be purged before sampling (gallons): 8.2
 Equipment used to purge the well: BAILER
 Time Evacuation Began: 1410 Time Evacuation Finished: 1430
 Approximate volume of groundwater purged: 8.5
 Did the well go dry?: NO After how many gallons: -
 Time samples were collected: 1435
 Depth to water at time of sampling: 6.42
 Percent recovery at time of sampling: -
 Samples collected with: BAILER
 Sample color: - Odor: HC
 Description of sediment in sample: -

CHEMICAL DATA

Volume Purged	Temp	pH	Conductivity
<u>2.7</u>	<u>71.9</u>	<u>6.93</u>	<u>1075</u>
<u>5.14</u>	<u>69.5</u>	<u>6.94</u>	<u>948</u>
<u>8.2</u>	<u>69.2</u>	<u>6.92</u>	<u>950</u>
_____	_____	_____	_____
_____	_____	_____	_____

SAMPLES COLLECTED

Sample	# of containers	Volume & type container	Pres	iced?	Analysis
<u>B-4</u> <u>M-84</u>	<u>3</u>	<u>40 ml VOA</u>	<u>HC</u>	<u>✓</u>	
<u>B-4</u> <u>M-84</u>	<u>1</u>	<u>1 L ANISUR</u>	<u>-</u>	<u>✓</u>	
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____



WELL SAMPLING FIELD LOG

Project Name and Address: V0202 PROPERTY
 Job #: 3942 Date of sampling: 6/15/04
 Well Name: BES-1 Sampled by: DH
 Total depth of well (feet): _____ Well diameter (inches): 2
 Depth to water before sampling (feet): 9.94 / 9.95
 Thickness of floating product if any: .01
 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.

June 24, 2004

208 West El Pintado
Danville, CA 94526

Attn.: Damian Hriciga
Project: Kozel Property
Site: Oakland, Emeryville

Dear Mr. Hriciga,

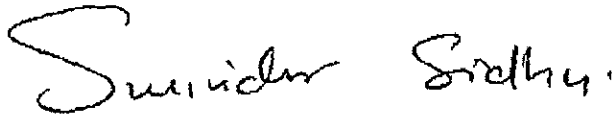
Attached is our report for your samples received on 06/16/2004 18:05
This report has been reviewed and approved for release. Reproduction of this report
is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after
07/31/2004 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

TEPH w/ Silica Gel Clean-up

Aqua Science Engineers, Inc.

Attn.: Damian Hriciga

208 West El Pintado

Danville, CA 94526

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

Project: Kozel Property

Received: 06/16/2004 18:05

Site: Oakland, Emeryville

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-B2	06/15/2004 15:15	Water	1
MW-B3	06/15/2004 13:50	Water	2
MW-B4	06/15/2004 14:35	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

06/23/2004 15:22

TEPH w/ Silica Gel Clean-up

Aqua Science Engineers, Inc.

Attn.: Damian Hriciga

208 West El Pintado

Danville, CA 94526

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

Project: Kozel Property

Received: 06/16/2004 18:05

Site: Oakland, Emeryville

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	MW-B2	Lab ID:	2004-06-0549 - 1
Sampled:	06/15/2004 15:15	Extracted:	6/17/2004 06:48
Matrix:	Water	QC Batch#:	2004/06/17-02.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Mineral spirits	3000	50	ug/L	1.00	06/18/2004 16:32	
Surrogate(s)						
o-Terphenyl	67.2	50-120	%	1.00	06/18/2004 16:32	

Sewern 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

06/23/2004 15:22

TEPH w/ Silica Gel Clean-up

Aqua Science Engineers, Inc.

Attn.: Damian Hriciga

208 West El Pintado

Danville, CA 94526

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

Project: Kozel Property

Received: 06/16/2004 18:05

Site: Oakland, Emeryville

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	MW-B3	Lab ID:	2004-06-0549 - 2
Sampled:	06/15/2004 13:50	Extracted:	6/17/2004 06:48
Matrix:	Water	QC Batch#:	2004/06/17-02.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Mineral spirits	ND	50	ug/L	1.00	06/18/2004 16:59	
<i>Surrogate(s)</i> o-Terphenyl	75.3	50-120	%	1.00	06/18/2004 16:59	

TEPH w/ Silica Gel Clean-up

Aqua Science Engineers, Inc.

Attn.: Damian Hriciga

208 West El Pintado

Danville, CA 94526

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

Project: Kozel Property

Received: 06/16/2004 18:05

Site: Oakland, Emeryville

Prep(s): 3510/8015M	Test(s): 8015M
Sample ID: MW-B4	Lab ID: 2004-06-0549 - 3
Sampled: 06/15/2004 14:35	Extracted: 6/17/2004 06:48
Matrix: Water	QC Batch#: 2004/06/17-02.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Mineral spirits	1300	50	ug/L	1.00	06/18/2004 17:27	
<i>Surrogate(s)</i> o-Terphenyl	74.7	50-120	%	1.00	06/18/2004 17:27	

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

06/23/2004 15:22

TEPH w/ Silica Gel Clean-up

Aqua Science Engineers, Inc.
Attn.: Damian Hriciga

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

Received: 06/16/2004 18:05
Site: Oakland, Emeryville

Batch QC Report

Prep(s): 3510/8015M
Method Blank

Water

Test(s): 8015M
QC Batch # 2004/06/17-02.10

MB: 2004/06/17-02.10-001

Date Extracted: 06/17/2004 06:48

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	06/17/2004 14:47	
Mineral spirits	ND	50	ug/L	06/17/2004 14:47	
Surrogates(s) o-Terphenyl	70.9	60-130	%	06/17/2004 14:47	

TEPH w/ Silica Gel Clean-up

Aqua Science Engineers, Inc.
Attn.: Damian Hriciga

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

Project: Kozel Property

Received: 06/16/2004 18:05

Site: Oakland, Emeryville

Batch QC Report

Prep(s): 3510/8015M

Test(s): 8015M

Laboratory Control Spike

Water

QC Batch # 2004/06/17-02.10

LCS 2004/06/17-02.10-002

Extracted: 06/17/2004

Analyzed: 06/17/2004 14:19

LCSD 2004/06/17-02.10-003

Extracted: 06/17/2004

Analyzed: 06/17/2004 14:47

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Diesel	647	713	1000	64.7	71.3	9.7	60-130	25		
Surrogates(s) o-Terphenyl	13.8	15.3	20.0	69.1	76.5		60-130	0		

Sewern 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

06/23/2004 15:22

Volatile Organic Compounds by 8260B (Low Level)

Aqua Science Engineers, Inc.

Attn.: Damian Hriciga

208 West El Pintado

Danville, CA 94526

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

Project: Kozel Property

Received: 06/16/2004 18:05

Site: Oakland, Emeryville

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-B2	06/15/2004 15:15	Water	1
MW-B3	06/15/2004 13:50	Water	2
MW-B4	06/15/2004 14:35	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

06/24/2004 09:42

Volatile Organic Compounds by 8260B (Low Level)

Aqua Science Engineers, Inc.

Attn.: Damian Hriciga

208 West El Pintado

Danville, CA 94526

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

Project: Kozel Property

Received: 06/16/2004 18:05

Site: Oakland, Emeryville

Prep(s): 5030B	Test(s): 8260B
Sample ID: MW-B2	Lab ID: 2004-06-0549 - 1
Sampled: 06/15/2004 15:15	Extracted: 6/21/2004 18:22
Matrix: Water	QC Batch#: 2004/06/21-01.71

Analysis Flag: Irn (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	50	ug/L	10.00	06/21/2004 18:22	
Acetone	ND	500	ug/L	10.00	06/21/2004 18:22	
Benzene	ND	5.0	ug/L	10.00	06/21/2004 18:22	
Bromodichloromethane	ND	5.0	ug/L	10.00	06/21/2004 18:22	
Bromobenzene	ND	10	ug/L	10.00	06/21/2004 18:22	
Bromochloromethane	ND	10	ug/L	10.00	06/21/2004 18:22	
Bromoform	ND	5.0	ug/L	10.00	06/21/2004 18:22	
Bromomethane	ND	10	ug/L	10.00	06/21/2004 18:22	
2-Butanone(MEK)	ND	500	ug/L	10.00	06/21/2004 18:22	
n-Butylbenzene	33	10	ug/L	10.00	06/21/2004 18:22	
sec-Butylbenzene	ND	10	ug/L	10.00	06/21/2004 18:22	
tert-Butylbenzene	ND	10	ug/L	10.00	06/21/2004 18:22	
Carbon disulfide	ND	50	ug/L	10.00	06/21/2004 18:22	
Carbon tetrachloride	ND	5.0	ug/L	10.00	06/21/2004 18:22	
Chlorobenzene	ND	5.0	ug/L	10.00	06/21/2004 18:22	
Chloroethane	ND	10	ug/L	10.00	06/21/2004 18:22	
2-Chloroethylvinyl ether	ND	50	ug/L	10.00	06/21/2004 18:22	
Chloroform	ND	10	ug/L	10.00	06/21/2004 18:22	
Chloromethane	ND	10	ug/L	10.00	06/21/2004 18:22	
2-Chlorotoluene	ND	5.0	ug/L	10.00	06/21/2004 18:22	
4-Chlorotoluene	ND	5.0	ug/L	10.00	06/21/2004 18:22	
Dibromochloromethane	ND	5.0	ug/L	10.00	06/21/2004 18:22	
1,2-Dichlorobenzene	ND	5.0	ug/L	10.00	06/21/2004 18:22	
1,3-Dichlorobenzene	ND	5.0	ug/L	10.00	06/21/2004 18:22	
1,4-Dichlorobenzene	ND	5.0	ug/L	10.00	06/21/2004 18:22	
1,3-Dichloropropane	ND	10	ug/L	10.00	06/21/2004 18:22	
2,2-Dichloropropane	ND	5.0	ug/L	10.00	06/21/2004 18:22	
1,1-Dichloropropene	ND	5.0	ug/L	10.00	06/21/2004 18:22	

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

06/24/2004 09:42

Volatile Organic Compounds by 8260B (Low Level)

Aqua Science Engineers, Inc.

Attn.: Damian Hriciga

208 West El Pintado

Danville, CA 94526

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

Project: Kozel Property

Received: 06/16/2004 18:05

Site: Oakland, Emeryville

Prep(s): 5030B	Test(s): 8260B
Sample ID: MW-B2	Lab ID: 2004-06-0549 - 1
Sampled: 06/15/2004 15:15	Extracted: 6/21/2004 18:22
Matrix: Water	QC Batch#: 2004/06/21-01.71

Analysis Flag: Irn (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
1,2-Dibromo-3-chloropropane	ND	10	ug/L	10.00	06/21/2004 18:22	
1,2-Dibromoethane	ND	5.0	ug/L	10.00	06/21/2004 18:22	
Dibromomethane	ND	5.0	ug/L	10.00	06/21/2004 18:22	
Dichlorodifluoromethane	ND	5.0	ug/L	10.00	06/21/2004 18:22	
1,1-Dichloroethane	ND	5.0	ug/L	10.00	06/21/2004 18:22	
1,2-Dichloroethane	ND	5.0	ug/L	10.00	06/21/2004 18:22	
1,1-Dichloroethene	ND	5.0	ug/L	10.00	06/21/2004 18:22	
cis-1,2-Dichloroethene	ND	5.0	ug/L	10.00	06/21/2004 18:22	
trans-1,2-Dichloroethene	ND	5.0	ug/L	10.00	06/21/2004 18:22	
1,2-Dichloropropane	ND	5.0	ug/L	10.00	06/21/2004 18:22	
cis-1,3-Dichloropropene	ND	5.0	ug/L	10.00	06/21/2004 18:22	
trans-1,3-Dichloropropene	ND	5.0	ug/L	10.00	06/21/2004 18:22	
Ethylbenzene	ND	5.0	ug/L	10.00	06/21/2004 18:22	
Hexachlorobutadiene	ND	10	ug/L	10.00	06/21/2004 18:22	
2-Hexanone	ND	500	ug/L	10.00	06/21/2004 18:22	
Isopropylbenzene	ND	5.0	ug/L	10.00	06/21/2004 18:22	
p-Isopropyltoluene	ND	10	ug/L	10.00	06/21/2004 18:22	
Methylene chloride	ND	50	ug/L	10.00	06/21/2004 18:22	
4-Methyl-2-pentanone (MIBK)	ND	500	ug/L	10.00	06/21/2004 18:22	
Naphthalene	ND	10	ug/L	10.00	06/21/2004 18:22	
n-Propylbenzene	ND	10	ug/L	10.00	06/21/2004 18:22	
Styrene	ND	5.0	ug/L	10.00	06/21/2004 18:22	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	10.00	06/21/2004 18:22	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	10.00	06/21/2004 18:22	
Tetrachloroethene	ND	5.0	ug/L	10.00	06/21/2004 18:22	
Toluene	ND	5.0	ug/L	10.00	06/21/2004 18:22	
1,2,3-Trichlorobenzene	ND	10	ug/L	10.00	06/21/2004 18:22	
1,2,4-Trichlorobenzene	ND	10	ug/L	10.00	06/21/2004 18:22	

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

06/24/2004 09:42

Volatile Organic Compounds by 8260B (Low Level)

Aqua Science Engineers, Inc.
Attn.: Damian Hriciga

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

Project: Kozel Property

Received: 06/16/2004 18:05

Site: Oakland, Emeryville

Prep(s): 5030B Test(s): 8260B
 Sample ID: MW-B2 Lab ID: 2004-06-0549 - 1
 Sampled: 06/15/2004 15:15 Extracted: 6/21/2004 18:22
 Matrix: Water QC Batch#: 2004/06/21-01.71
 Analysis Flag: Irr (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
1,1,1-Trichloroethane	ND	5.0	ug/L	10.00	06/21/2004 18:22	
1,1,2-Trichloroethane	ND	5.0	ug/L	10.00	06/21/2004 18:22	
Trichloroethene	ND	5.0	ug/L	10.00	06/21/2004 18:22	
Trichlorofluoromethane	ND	10	ug/L	10.00	06/21/2004 18:22	
Trichlorotrifluoroethane	ND	5.0	ug/L	10.00	06/21/2004 18:22	
1,2,4-Trimethylbenzene	ND	5.0	ug/L	10.00	06/21/2004 18:22	
1,3,5-Trimethylbenzene	ND	5.0	ug/L	10.00	06/21/2004 18:22	
Vinyl acetate	ND	250	ug/L	10.00	06/21/2004 18:22	
Vinyl chloride	ND	5.0	ug/L	10.00	06/21/2004 18:22	
Total xylenes	ND	10	ug/L	10.00	06/21/2004 18:22	
Surrogate(s)						
4-Bromofluorobenzene	99.3	79-118	%	10.00	06/21/2004 18:22	
1,2-Dichloroethane-d4	105.1	78-117	%	10.00	06/21/2004 18:22	
Toluene-d8	100.7	77-121	%	10.00	06/21/2004 18:22	

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

06/24/2004 09:42

Volatile Organic Compounds by 8260B (Low Level)

Aqua Science Engineers, Inc.

Attn.: Damian Hriciga

208 West El Pintado

Danville, CA 94526

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

Project: Kozel Property

Received: 06/16/2004 18:05

Site: Oakland, Emeryville

Prep(s): 5030B	Test(s): 8260B
Sample ID: MW-B3	Lab ID: 2004-06-0549 - 2
Sampled: 06/15/2004 13:50	Extracted: 6/21/2004 18:55
Matrix: Water	QC Batch#: 2004/06/21-01.71

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/L	1.00	06/21/2004 18:55	
Acetone	ND	50	ug/L	1.00	06/21/2004 18:55	
Benzene	ND	0.50	ug/L	1.00	06/21/2004 18:55	
Bromodichloromethane	ND	0.50	ug/L	1.00	06/21/2004 18:55	
Bromobenzene	ND	1.0	ug/L	1.00	06/21/2004 18:55	
Bromochloromethane	ND	1.0	ug/L	1.00	06/21/2004 18:55	
Bromoform	ND	0.50	ug/L	1.00	06/21/2004 18:55	
Bromomethane	ND	1.0	ug/L	1.00	06/21/2004 18:55	
2-Butanone(MEK)	ND	50	ug/L	1.00	06/21/2004 18:55	
n-Butylbenzene	ND	1.0	ug/L	1.00	06/21/2004 18:55	
sec-Butylbenzene	ND	1.0	ug/L	1.00	06/21/2004 18:55	
tert-Butylbenzene	ND	1.0	ug/L	1.00	06/21/2004 18:55	
Carbon disulfide	ND	5.0	ug/L	1.00	06/21/2004 18:55	
Carbon tetrachloride	ND	0.50	ug/L	1.00	06/21/2004 18:55	
Chlorobenzene	ND	0.50	ug/L	1.00	06/21/2004 18:55	
Chloroethane	ND	1.0	ug/L	1.00	06/21/2004 18:55	
2-Chloroethylvinyl ether	ND	5.0	ug/L	1.00	06/21/2004 18:55	
Chloroform	ND	1.0	ug/L	1.00	06/21/2004 18:55	
Chloromethane	ND	1.0	ug/L	1.00	06/21/2004 18:55	
2-Chlorotoluene	ND	0.50	ug/L	1.00	06/21/2004 18:55	
4-Chlorotoluene	ND	0.50	ug/L	1.00	06/21/2004 18:55	
Dibromochloromethane	ND	0.50	ug/L	1.00	06/21/2004 18:55	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	06/21/2004 18:55	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	06/21/2004 18:55	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	06/21/2004 18:55	
1,3-Dichloropropane	ND	1.0	ug/L	1.00	06/21/2004 18:55	
2,2-Dichloropropane	ND	0.50	ug/L	1.00	06/21/2004 18:55	
1,1-Dichloropropene	ND	0.50	ug/L	1.00	06/21/2004 18:55	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1.00	06/21/2004 18:55	
1,2-Dibromoethane	ND	0.50	ug/L	1.00	06/21/2004 18:55	

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

06/24/2004 09:42

Volatile Organic Compounds by 8260B (Low Level)

Aqua Science Engineers, Inc.

Attn.: Damian Hriciga

208 West El Pintado

Danville, CA 94526

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

Project: Kozel Property

Received: 06/16/2004 18:05

Site: Oakland, Emeryville

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-B3	Lab ID:	2004-06-0549 - 2
Sampled:	06/15/2004 13:50	Extracted:	6/21/2004 18:55
Matrix:	Water	QC Batch#:	2004/06/21-01.71

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	0.50	ug/L	1.00	06/21/2004 18:55	
Dichlorodifluoromethane	ND	0.50	ug/L	1.00	06/21/2004 18:55	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	06/21/2004 18:55	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	06/21/2004 18:55	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	06/21/2004 18:55	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	06/21/2004 18:55	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	06/21/2004 18:55	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	06/21/2004 18:55	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	06/21/2004 18:55	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	06/21/2004 18:55	
Ethylbenzene	ND	0.50	ug/L	1.00	06/21/2004 18:55	
Hexachlorobutadiene	ND	1.0	ug/L	1.00	06/21/2004 18:55	
2-Hexanone	ND	50	ug/L	1.00	06/21/2004 18:55	
Isopropylbenzene	ND	0.50	ug/L	1.00	06/21/2004 18:55	
p-Isopropyltoluene	ND	1.0	ug/L	1.00	06/21/2004 18:55	
Methylene chloride	ND	5.0	ug/L	1.00	06/21/2004 18:55	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	1.00	06/21/2004 18:55	
Naphthalene	ND	1.0	ug/L	1.00	06/21/2004 18:55	
n-Propylbenzene	ND	1.0	ug/L	1.00	06/21/2004 18:55	
Styrene	ND	0.50	ug/L	1.00	06/21/2004 18:55	
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L	1.00	06/21/2004 18:55	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	06/21/2004 18:55	
Tetrachloroethene	ND	0.50	ug/L	1.00	06/21/2004 18:55	
Toluene	ND	0.50	ug/L	1.00	06/21/2004 18:55	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1.00	06/21/2004 18:55	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1.00	06/21/2004 18:55	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	06/21/2004 18:55	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	06/21/2004 18:55	
Trichloroethene	ND	0.50	ug/L	1.00	06/21/2004 18:55	
Trichlorofluoromethane	ND	1.0	ug/L	1.00	06/21/2004 18:55	

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

06/24/2004 09:42

Volatile Organic Compounds by 8260B (Low Level)

Aqua Science Engineers, Inc.

Attn.: Damian Hriciga

208 West El Pintado

Danville, CA 94526

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

Project: Kozel Property

Received: 06/16/2004 18:05

Site: Oakland, Emeryville

Prep(s): 5030B	Test(s): 8260B
Sample ID: MW-B3	Lab ID: 2004-06-0549 - 2
Sampled: 06/15/2004 13:50	Extracted: 6/21/2004 18:55
Matrix: Water	QC Batch#: 2004/06/21-01.71

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	06/21/2004 18:55	
1,2,4-Trimethylbenzene	ND	0.50	ug/L	1.00	06/21/2004 18:55	
1,3,5-Trimethylbenzene	ND	0.50	ug/L	1.00	06/21/2004 18:55	
Vinyl acetate	ND	25	ug/L	1.00	06/21/2004 18:55	
Vinyl chloride	ND	0.50	ug/L	1.00	06/21/2004 18:55	
Total xylenes	ND	1.0	ug/L	1.00	06/21/2004 18:55	
Surrogate(s)						
4-Bromofluorobenzene	106.0	79-118	%	1.00	06/21/2004 18:55	
1,2-Dichloroethane-d4	109.6	78-117	%	1.00	06/21/2004 18:55	
Toluene-d8	97.7	77-121	%	1.00	06/21/2004 18:55	

Sewern 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

06/24/2004 09:42

Volatile Organic Compounds by 8260B (Low Level)

Aqua Science Engineers, Inc.

Attn.: Damian Hriciga

208 West El Pintado

Danville, CA 94526

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

Project: Kozel Property

Received: 06/16/2004 18:05

Site: Oakland, Emeryville

Prep(s): 5030B Test(s): 8260B
 Sample ID: MW-B4 Lab ID: 2004-06-0549 - 3
 Sampled: 06/15/2004 14:35 Extracted: 6/21/2004 19:29
 Matrix: Water QC Batch#: 2004/06/21-01.71
 Analysis Flag: Irn (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	50	ug/L	10.00	06/21/2004 19:29	
Acetone	ND	500	ug/L	10.00	06/21/2004 19:29	
Benzene	ND	5.0	ug/L	10.00	06/21/2004 19:29	
Bromodichloromethane	ND	5.0	ug/L	10.00	06/21/2004 19:29	
Bromobenzene	ND	10	ug/L	10.00	06/21/2004 19:29	
Bromochloromethane	ND	10	ug/L	10.00	06/21/2004 19:29	
Bromoform	ND	5.0	ug/L	10.00	06/21/2004 19:29	
Bromomethane	ND	10	ug/L	10.00	06/21/2004 19:29	
2-Butanone(MEK)	ND	500	ug/L	10.00	06/21/2004 19:29	
n-Butylbenzene	ND	10	ug/L	10.00	06/21/2004 19:29	
sec-Butylbenzene	ND	10	ug/L	10.00	06/21/2004 19:29	
tert-Butylbenzene	ND	10	ug/L	10.00	06/21/2004 19:29	
Carbon disulfide	ND	50	ug/L	10.00	06/21/2004 19:29	
Carbon tetrachloride	ND	5.0	ug/L	10.00	06/21/2004 19:29	
Chlorobenzene	ND	5.0	ug/L	10.00	06/21/2004 19:29	
Chloroethane	ND	10	ug/L	10.00	06/21/2004 19:29	
2-Chloroethylvinyl ether	ND	50	ug/L	10.00	06/21/2004 19:29	
Chloroform	ND	10	ug/L	10.00	06/21/2004 19:29	
Chloromethane	ND	10	ug/L	10.00	06/21/2004 19:29	
2-Chlorotoluene	ND	5.0	ug/L	10.00	06/21/2004 19:29	
4-Chlorotoluene	ND	5.0	ug/L	10.00	06/21/2004 19:29	
Dibromochloromethane	ND	5.0	ug/L	10.00	06/21/2004 19:29	
1,2-Dichlorobenzene	ND	5.0	ug/L	10.00	06/21/2004 19:29	
1,3-Dichlorobenzene	ND	5.0	ug/L	10.00	06/21/2004 19:29	
1,4-Dichlorobenzene	ND	5.0	ug/L	10.00	06/21/2004 19:29	
1,3-Dichloropropane	ND	10	ug/L	10.00	06/21/2004 19:29	
2,2-Dichloropropane	ND	5.0	ug/L	10.00	06/21/2004 19:29	
1,1-Dichloropropene	ND	5.0	ug/L	10.00	06/21/2004 19:29	

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

06/24/2004 09:42

Volatile Organic Compounds by 8260B (Low Level)

Aqua Science Engineers, Inc.

Attn.: Damian Hriciga

208 West El Pintado

Danville, CA 94526

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

Project: Kozel Property

Received: 06/16/2004 18:05

Site: Oakland, Emeryville

Prep(s): 5030B	Test(s): 8260B
Sample ID: MW-B4	Lab ID: 2004-06-0549 - 3
Sampled: 06/15/2004 14:35	Extracted: 6/21/2004 19:29
Matrix: Water	QC Batch#: 2004/06/21-01.71

Analysis Flag: Irn (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
1,2-Dibromo-3-chloropropane	ND	10	ug/L	10.00	06/21/2004 19:29	
1,2-Dibromoethane	ND	5.0	ug/L	10.00	06/21/2004 19:29	
Dibromomethane	ND	5.0	ug/L	10.00	06/21/2004 19:29	
Dichlorodifluoromethane	ND	5.0	ug/L	10.00	06/21/2004 19:29	
1,1-Dichloroethane	ND	5.0	ug/L	10.00	06/21/2004 19:29	
1,2-Dichloroethane	ND	5.0	ug/L	10.00	06/21/2004 19:29	
1,1-Dichloroethene	ND	5.0	ug/L	10.00	06/21/2004 19:29	
cis-1,2-Dichloroethene	ND	5.0	ug/L	10.00	06/21/2004 19:29	
trans-1,2-Dichloroethene	ND	5.0	ug/L	10.00	06/21/2004 19:29	
1,2-Dichloropropane	ND	5.0	ug/L	10.00	06/21/2004 19:29	
cis-1,3-Dichloropropene	ND	5.0	ug/L	10.00	06/21/2004 19:29	
trans-1,3-Dichloropropene	ND	5.0	ug/L	10.00	06/21/2004 19:29	
Ethylbenzene	ND	5.0	ug/L	10.00	06/21/2004 19:29	
Hexachlorobutadiene	ND	10	ug/L	10.00	06/21/2004 19:29	
2-Hexanone	ND	500	ug/L	10.00	06/21/2004 19:29	
Isopropylbenzene	ND	5.0	ug/L	10.00	06/21/2004 19:29	
p-Isopropyltoluene	ND	10	ug/L	10.00	06/21/2004 19:29	
Methylene chloride	ND	50	ug/L	10.00	06/21/2004 19:29	
4-Methyl-2-pentanone (MIBK)	ND	500	ug/L	10.00	06/21/2004 19:29	
Naphthalene	ND	10	ug/L	10.00	06/21/2004 19:29	
n-Propylbenzene	ND	10	ug/L	10.00	06/21/2004 19:29	
Styrene	ND	5.0	ug/L	10.00	06/21/2004 19:29	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	10.00	06/21/2004 19:29	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	10.00	06/21/2004 19:29	
Tetrachloroethene	ND	5.0	ug/L	10.00	06/21/2004 19:29	
Toluene	ND	5.0	ug/L	10.00	06/21/2004 19:29	
1,2,3-Trichlorobenzene	ND	10	ug/L	10.00	06/21/2004 19:29	
1,2,4-Trichlorobenzene	ND	10	ug/L	10.00	06/21/2004 19:29	

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

06/24/2004 09:42

Volatile Organic Compounds by 8260B (Low Level)

Aqua Science Engineers, Inc.

Attn.: Damian Hriciga

208 West El Pintado

Danville, CA 94526

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

Project: Kozel Property

Received: 06/16/2004 18:05

Site: Oakland, Emeryville

Prep(s): 5030B Test(s): 8260B
 Sample ID: MW-B4 Lab ID: 2004-06-0549 - 3
 Sampled: 06/15/2004 14:35 Extracted: 6/21/2004 19:29
 Matrix: Water QC Batch#: 2004/06/21-01.71
 Analysis Flag: Irn (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
1,1,1-Trichloroethane	ND	5.0	ug/L	10.00	06/21/2004 19:29	
1,1,2-Trichloroethane	ND	5.0	ug/L	10.00	06/21/2004 19:29	
Trichloroethene	ND	5.0	ug/L	10.00	06/21/2004 19:29	
Trichlorofluoromethane	ND	10	ug/L	10.00	06/21/2004 19:29	
Trichlorotrifluoroethane	ND	5.0	ug/L	10.00	06/21/2004 19:29	
1,2,4-Trimethylbenzene	ND	5.0	ug/L	10.00	06/21/2004 19:29	
1,3,5-Trimethylbenzene	ND	5.0	ug/L	10.00	06/21/2004 19:29	
Vinyl acetate	ND	250	ug/L	10.00	06/21/2004 19:29	
Vinyl chloride	ND	5.0	ug/L	10.00	06/21/2004 19:29	
Total xylenes	ND	10	ug/L	10.00	06/21/2004 19:29	
Surrogate(s)						
4-Bromofluorobenzene	100.9	79-118	%	10.00	06/21/2004 19:29	
1,2-Dichloroethane-d4	107.1	78-117	%	10.00	06/21/2004 19:29	
Toluene-d8	102.0	77-121	%	10.00	06/21/2004 19:29	

Sewern 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

06/24/2004 09:42

Volatile Organic Compounds by 8260B (Low Level)

Aqua Science Engineers, Inc.

Attn.: Damian Hriciga

208 West El Pintado

Danville, CA 94526

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

Project: Kozel Property

Received: 06/16/2004 18:05

Site: Oakland, Emeryville

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2004/06/21-01.71-007

Water

Test(s): 8260B

QC Batch # 2004/06/21-01.71

Date Extracted: 06/21/2004 11:07

Compound	Conc.	RL	Unit	Analyzed	Flag
MTBE	ND	5.0	ug/L	06/21/2004 11:07	
Acetone	ND	50	ug/L	06/21/2004 11:07	
Benzene	ND	0.5	ug/L	06/21/2004 11:07	
Bromodichloromethane	ND	0.5	ug/L	06/21/2004 11:07	
Bromobenzene	ND	1.0	ug/L	06/21/2004 11:07	
Bromochloromethane	ND	1.0	ug/L	06/21/2004 11:07	
Bromoform	ND	0.5	ug/L	06/21/2004 11:07	
Bromomethane	ND	1.0	ug/L	06/21/2004 11:07	
2-Butanone(MEK)	ND	50	ug/L	06/21/2004 11:07	
n-Butylbenzene	ND	1.0	ug/L	06/21/2004 11:07	
sec-Butylbenzene	ND	1.0	ug/L	06/21/2004 11:07	
tert-Butylbenzene	ND	1.0	ug/L	06/21/2004 11:07	
Carbon disulfide	ND	5.0	ug/L	06/21/2004 11:07	
Carbon tetrachloride	ND	0.5	ug/L	06/21/2004 11:07	
Chlorobenzene	ND	0.5	ug/L	06/21/2004 11:07	
Chloroethane	ND	1.0	ug/L	06/21/2004 11:07	
2-Chloroethylvinyl ether	ND	5.0	ug/L	06/21/2004 11:07	
Chloroform	ND	1.0	ug/L	06/21/2004 11:07	
Chloromethane	ND	1.0	ug/L	06/21/2004 11:07	
2-Chlorotoluene	ND	0.5	ug/L	06/21/2004 11:07	
4-Chlorotoluene	ND	0.5	ug/L	06/21/2004 11:07	
Dibromochloromethane	ND	0.5	ug/L	06/21/2004 11:07	
1,2-Dichlorobenzene	ND	0.5	ug/L	06/21/2004 11:07	
1,3-Dichlorobenzene	ND	0.5	ug/L	06/21/2004 11:07	
1,4-Dichlorobenzene	ND	0.5	ug/L	06/21/2004 11:07	
1,3-Dichloropropane	ND	1.0	ug/L	06/21/2004 11:07	
2,2-Dichloropropane	ND	0.5	ug/L	06/21/2004 11:07	
1,1-Dichloropropene	ND	0.5	ug/L	06/21/2004 11:07	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/21/2004 11:07	
1,2-Dibromoethane	ND	0.5	ug/L	06/21/2004 11:07	

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

06/24/2004 09:42

Volatile Organic Compounds by 8260B (Low Level)

Aqua Science Engineers, Inc.

Attn.: Damian Hriciga

208 West El Pintado

Danville, CA 94526

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

Project: Kozel Property

Received: 06/16/2004 18:05

Site: Oakland, Emeryville

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2004/06/21-01.71-007

Water

Test(s): 8260B

QC Batch # 2004/06/21-01.71

Date Extracted: 06/21/2004 11:07

Compound	Conc.	RL	Unit	Analyzed	Flag
Dibromomethane	ND	0.5	ug/L	06/21/2004 11:07	
Dichlorodifluoromethane	ND	0.5	ug/L	06/21/2004 11:07	
1,1-Dichloroethane	ND	0.5	ug/L	06/21/2004 11:07	
1,2-Dichloroethane	ND	0.5	ug/L	06/21/2004 11:07	
1,1-Dichloroethene	ND	0.5	ug/L	06/21/2004 11:07	
cis-1,2-Dichloroethene	ND	0.5	ug/L	06/21/2004 11:07	
trans-1,2-Dichloroethene	ND	0.5	ug/L	06/21/2004 11:07	
1,2-Dichloropropane	ND	0.5	ug/L	06/21/2004 11:07	
cis-1,3-Dichloropropene	ND	0.5	ug/L	06/21/2004 11:07	
trans-1,3-Dichloropropene	ND	0.5	ug/L	06/21/2004 11:07	
Ethylbenzene	ND	0.5	ug/L	06/21/2004 11:07	
Hexachlorobutadiene	ND	1.0	ug/L	06/21/2004 11:07	
2-Hexanone	ND	50	ug/L	06/21/2004 11:07	
Isopropylbenzene	ND	0.5	ug/L	06/21/2004 11:07	
p-Isopropyltoluene	ND	1.0	ug/L	06/21/2004 11:07	
Methylene chloride	ND	5.0	ug/L	06/21/2004 11:07	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	06/21/2004 11:07	
Naphthalene	ND	1.0	ug/L	06/21/2004 11:07	
n-Propylbenzene	ND	1.0	ug/L	06/21/2004 11:07	
Styrene	ND	0.5	ug/L	06/21/2004 11:07	
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L	06/21/2004 11:07	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	06/21/2004 11:07	
Tetrachloroethene	ND	0.5	ug/L	06/21/2004 11:07	
Toluene	ND	0.5	ug/L	06/21/2004 11:07	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/21/2004 11:07	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/21/2004 11:07	
1,1,1-Trichloroethane	ND	0.5	ug/L	06/21/2004 11:07	
1,1,2-Trichloroethane	ND	0.5	ug/L	06/21/2004 11:07	
Trichloroethene	ND	0.5	ug/L	06/21/2004 11:07	
Trichlorofluoromethane	ND	1.0	ug/L	06/21/2004 11:07	

Sewern 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

06/24/2004 09:42

Volatile Organic Compounds by 8260B (Low Level)

Aqua Science Engineers, Inc.

Attn.: Damian Hriciga

208 West El Pintado

Danville, CA 94526

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

Project: Kozel Property

Received: 06/16/2004 18:05

Site: Oakland, Emeryville

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2004/06/21-01.71-007

Water

Test(s): 8260B

QC Batch # 2004/06/21-01.71

Date Extracted: 06/21/2004 11:07

Compound	Conc.	RL	Unit	Analyzed	Flag
Trichlorotrifluoroethane	ND	0.5	ug/L	06/21/2004 11:07	
1,2,4-Trimethylbenzene	ND	0.5	ug/L	06/21/2004 11:07	
1,3,5-Trimethylbenzene	ND	0.5	ug/L	06/21/2004 11:07	
Vinyl acetate	ND	25	ug/L	06/21/2004 11:07	
Vinyl chloride	ND	0.5	ug/L	06/21/2004 11:07	
Total xylenes	ND	1.0	ug/L	06/21/2004 11:07	
Surrogates(s)					
4-Bromofluorobenzene	108.3	79-118	%	06/21/2004 11:07	
1,2-Dichloroethane-d4	104.7	78-117	%	06/21/2004 11:07	
Toluene-d8	99.6	77-121	%	06/21/2004 11:07	

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

06/24/2004 09:42

Volatile Organic Compounds by 8260B (Low Level)

Aqua Science Engineers, Inc.

Attn.: Damian Hriciga

208 West El Pintado

Danville, CA 94526

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

Project: Kozel Property

Received: 06/16/2004 18:05

Site: Oakland, Emeryville

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2004/06/21-01.71

LCS 2004/06/21-01.71-000

Extracted: 06/21/2004

Analyzed: 06/21/2004 10:00

LCSD 2004/06/21-01.71-034

Extracted: 06/21/2004

Analyzed: 06/21/2004 10:34

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	20.8	21.5	20.0	104.0	107.5	3.3	69-129	20		
Chlorobenzene	19.9	20.7	20.0	99.5	103.5	3.9	61-121	20		
1,1-Dichloroethene	20.0	20.3	20.0	100.0	101.5	1.5	65-125	20		
Toluene	20.0	20.2	20.0	100.0	101.0	1.0	70-130	20		
Trichloroethene	21.0	21.1	20.0	105.0	105.5	0.5	74-134	20		
Surrogates(s)										
4-Bromofluorobenzene	462	479	500	92.4	95.8		79-118			
1,2-Dichloroethane-d4	520	538	500	104.0	107.6		78-117			
Toluene-d8	493	509	500	98.6	101.8		77-121			

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

06/24/2004 09:42

Volatile Organic Compounds by 8260B (Low Level)

Aqua Science Engineers, Inc.

Attn.: Damian Hriciga

208 West El Pintado

Danville, CA 94526

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

Project: Kozel Property

Received: 06/16/2004 18:05

Site: Oakland, Emeryville

Legend and Notes

Analysis Flag

ln

Reporting limits raised due to high level of non-target analyte materials.

Severn Trent Laboratories, Inc.

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

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

06/24/2004 09:42

STL San Francisco

Sample Receipt Checklist

Submission #: 2004- 06 - 0549

Checklist completed by: (initials) JM Date: 06/17/04

Courier name STL San Francisco Client _____

Custody seals intact on shipping container/samples

Yes ___ No ___ Not Present

Chain of custody present?

Yes No ___

Chain of custody signed when relinquished and received?

Yes No ___

Chain of custody agrees with sample labels?

Yes No ___

Samples in proper container/bottle?

Yes No ___

Sample containers intact?

Yes No ___

Sufficient sample volume for indicated test?

Yes No ___

All samples received within holding time?

Yes No ___

Container/temp Blank temperature in compliance ($4^{\circ}\text{C} \pm 2$)?

Temp: 5.0°C Yes No ___

Ice Present Yes No ___

Water VOA vials have zero headspace?

No VOA vials submitted Yes No ___

(if bubble is present, refer to approximate bubble size and itemize in comments as S (small - O), M (medium - O) or L (large - O)

Water - pH acceptable upon receipt? Yes No

pH adjusted - Preservative used: HNO₃ HCl H₂SO₄ NaOH ZnOAc - Lot #(s) _____

For any item check-listed "No", provided detail of discrepancy in comment section below:

Comments:

Project Management [Routing for instruction of indicated discrepancy(ies)]

Project Manager: (initials) _____ Date: _____/_____/04

Client contacted Yes No

Summary of discussion:

Corrective Action (per PM/Client):

