6920 Koll Center Parkway
Suite 216
Pleasanton, CA 94566
925.426.2600
Fax 925.426.0106

Clayton GROUP SERVICES

September 21, 2004

Barney Chan
Hazardous Materials Specialist
ALAMEDA COUNTY HEALTH CARE SERVICES
1131 Harbor Bay Parkway
Alameda, California 94502-6577

Clayton Project No.70-03365.08

Subject: **Second Quarter 2004 Groundwater Monitoring Results**
Former Dunne Paint Facility
1007 41st Street
Oakland, California

Dear Mr. Chan:

Clayton Group Services, Inc. is pleased to present the enclosed report documenting the results of the Second Quarter 2004 Groundwater Monitoring at the above-referenced property. If you have any questions, please contact us at (925) 426-2600.

Sincerely,

Mathew Reimer
Staff Environmental Consultant
Environmental Services

Jon Rosso, P.E.
Director
Environmental Services

JAR/mr

cc: Martin Samuels, Green City Lofts, Inc.
Matt Oliver, Green City Lofts, Inc.

Enclosure

6920 Koll Center Parkway
Suite 216
Pleasanton, CA 94566
925.426.2600
Fax 925.426.0106

Clayton GROUP SERVICES

Second Quarter 2004 Groundwater Monitoring Results

Former Dunne Paint Facility
1007 41st Street
Oakland, California

Prepared for:
Green City Lofts, LLC

Clayton Project No. 70-03365.08

September 21, 2004

Clayton GROUP SERVICES

Section Page

Tables

Figures

Appendices

1.0 INTRODUCTION

Clayton Group Services, Inc. (Clayton), has prepared this report, on behalf of the current property owner, Green City Lofts, LLC, to document the results of the Second Quarter 2004 Groundwater Monitoring performed at the former Dunne Paint Facility located at 1007 41st Street in Oakland, California (the Site). The Site location is shown on Figure 1.

1.1. SITE HISTORY

Prior to its acquisition for redevelopment by Green City Lofts in 2000, the Site was formerly operated as a paint manufacturing and distribution facility; six underground storage tanks (USTs) that contained mineral spirits were located in the sidewalk along the north side of the property and were removed in 1988. The Site is assigned Alameda County Health Care Services (ACHCS) fuel leak case number RO000073.

Several previous Site investigations have been performed and their results, along with a description of the Site history, were presented in the Clayton reports "*Offsite Groundwater Investigation Report of the Former Dunne Paint facility at 1007 41st Street in Oakland, California*" dated September 29, 2003, "*Predevelopment Investigation Report of the Former Dunne Paint facility at 1007 41st Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California*" dated December 23, 2002, and "*Supplemental Investigation of the Former Dunne Paint Facility, 1007 41st Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California,*" dated May 23, 2003. The subject property is currently undergoing redevelopment as loft style apartments, which includes Site wide dewatering and soil excavation to install foundations.

2.0 GROUNDWATER MONITORING FIELD ACTIVITIES

This Second Quarter 2004 Groundwater Monitoring Report documents field activities and presents data used to determine the Site's groundwater gradient and flow direction, and groundwater quality beneath the Site.

On June 15, 2004, groundwater monitoring wells CW-1, CW-2, MW-D1 and MW-D2 were sampled. One of the groundwater monitoring wells (CW-3) was inaccessible on June 15th, and was sampled on June 17th. The location of these wells is shown on Figure 2.

Groundwater sampling at the Site was coordinated with sampling by Aqua Science Engineers of the northern adjoining property, ONE Color Communications, at 1001 41st Street and 1001 42nd Street.

The following sections present the details of the groundwater monitoring field activities.

2.1. GROUNDWATER LEVEL MEASUREMENTS

Within each monitoring well, depth to water measurements were made using an electronic water level probe. The depth to water in each monitoring well was measured from the surveyed reference elevation, represented as a V-notch at the top of the well casing (TOC), to the water surface within the well casing. The depth to water measurements for the Site and ONE Color Communications are presented in Table 1.

2.2. GROUNDWATER PURGING

Prior to collecting a groundwater sample from each monitoring well, approximately four well casing volumes of water were removed from each well. The purge volume from each monitoring well was determined by multiplying the nominal cross-sectional area of the well casing by the water column within each well casing. The wells were purged with a Teflon disposable bailer and water quality parameters (pH, specific conductivity, oxidation-reduction potential [ORP], temperature, and visual turbidity) were measured and recorded onto field sampling data sheets (included in Appendix A). Water quality parameter measurements were made prior to purging and after removing each well casing volume of water from the monitoring well. Groundwater purged from monitoring wells during sampling was transferred to the treatment system currently onsite.

2.3. GROUNDWATER SAMPLING

Prior to collecting groundwater samples, each well was allowed to recharge to 80 percent of the pre-purged well casing water volume. Groundwater samples for laboratory analyses were retrieved using a Teflon disposable bailer. The groundwater retrieved for analyses was transferred into appropriately sized and preserved laboratory supplied containers. Sample containers were sealed, labeled with identifying information, logged onto the chain-of-custody, and stored in a pre-chilled ice-chest while awaiting transportation to the laboratory.

3.0 LABORATORY ANALYSES

Groundwater samples were transported to Curtis & Tompkins, Ltd. a State of California certified laboratory located in Berkeley, California. Samples were analyzed by the following United States Environmental Protection Agency (USEPA) approved methods:

- USEPA Method 8015M for Total Petroleum Hydrocarbons as mineral spirits (TPH-ms).
- USEPA Method 8260 for Volatile Organic Compounds (VOCs).

The certified laboratory analytical data sheets and chain-of-custody documentation for the Second Quarter 2004 Groundwater Monitoring event are included in Appendix B.

4.0 FINDINGS

The following discussion presents an interpretation of groundwater flow and water quality conditions at the Site based on the results obtained from groundwater monitoring field measurements and laboratory analyses of groundwater samples.

4.1. GROUNDWATER FLOW CONDITIONS

During the second quarter groundwater monitoring field activities, a dewatering system associated with the Site redevelopment project was operating intermittently. The resulting draw down of local groundwater may have influenced the groundwater elevations within some of the groundwater monitoring wells. Therefore, it is not possible to create an accurate potentiometric surface map showing groundwater flow conditions at this time. Groundwater elevations in monitoring wells are shown in Figure 2.

4.2. GROUNDWATER ANALYSES

Laboratory analyses detected dissolved concentrations of TPH-ms at 100 micrograms per liter (µg/L) in MW-D1. TPH-ms was not detected above the laboratory reporting limit of 50 µg/L in CW-1, CW-2, CW-3 or MW-D2.

Laboratory analyses did not detect any concentrations of VOCs, including fuel oxygenates, above the laboratory reporting limits in any of the groundwater samples tested.

The groundwater analytical results are summarized in Table 2. Concentrations of TPH-ms in groundwater are shown in Figure 2.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Concentrations of TPH-ms in groundwater were present in only one of the five groundwater monitoring wells sampled (MW-D1 at 100 µg/L), which is located along the northern portion of the property where the former mineral spirits USTs were located, and downgradient of the former Boysen Paint Company (ONE Color). This value was significantly lower than that obtained during the prior quarterly monitoring event. Similarly, in MW-D2, levels of TPH-ms continued their declining pattern and were non-detectable during this sampling event. This is the third quarterly monitoring event performed by Green City Lofts and groundwater quality will continue be monitored for one more quarter.

6.0 LIMITATIONS

The information and opinions rendered in this report are exclusively for use by Green City Lofts, LLC. Clayton Group Services, Inc. will not distribute this report without the consent of Green City Lofts, LLC except as may be required by law or court order. The information and opinions expressed in this report are given in response to our limited assignment and should be evaluated and implemented only in light of that assignment. We accept responsibility for the competent performance of our duties in executing the assignment and preparing this report in accordance with the normal standards of our profession but disclaim any responsibility for consequential damages.

This report was prepared by:

Mathew Reimer
Staff Environmental Consultant
Environmental Services

This report was reviewed by:

Jon Rosso, P.E.
Director
Environmental Services

September 21, 2004

TABLES

Clayton GROUP SERVICES

Table 1

Summary of Groundwater Elevation Data
Former Dunne Paint Facility
1007 41st Street
Oakland, California and
One Color at 1001 41st Street
Oakland, California

Well Identification	Date Measured	Top of Casing Elevation (ft,msl)	Depth to Water (feet)	Groundwater Elevation (ft,msl)
		Former Dunne Paint Facility Wells		
CW-1	11/12/2003	47.55	8.93	38.62
	3/12/2004	47.55	6.85	40.70
	6/15/2004	47.55	7.85	39.70
CW-2	11/12/2003	47.59	9.25	38.34
	3/12/2004	47.59	7.22	40.37
	6/15/2004	47.59	8.40	39.19
CW-3	11/12/2003	46.39	8.30	38.09
	3/12/2004	46.39	6.04	40.35
	6/17/2004	46.39	7.74	38.65
MW-D1	11/12/2003	49.32	5.98	43.34
	3/12/2004	49.32	5.97	43.35
	6/15/2004	49.32	6.07	43.25
MW-D2	11/12/2003	50.52	9.52	41.00
	3/12/2004	50.52	8.94	41.58
	6/15/2004	50.52	5.89	44.63
		One Color Wells		
MW-B1	6/15/2004	49.92	6.00	43.92
MW-B2	6/15/2004	50.77	6.40	44.37
MW-B3	6/15/2004	49.02	5.43	43.59
MW-B4	6/15/2004	49.74	5.58	44.16
BES-1	6/15/2004	NE	9.95	NE

Notes:

1. All top of casing elevations referenced to mean sea level (msl) and measured with reference to the benchmark located at the intersection of 35th and Market Streets, with the exception of those at One Color.

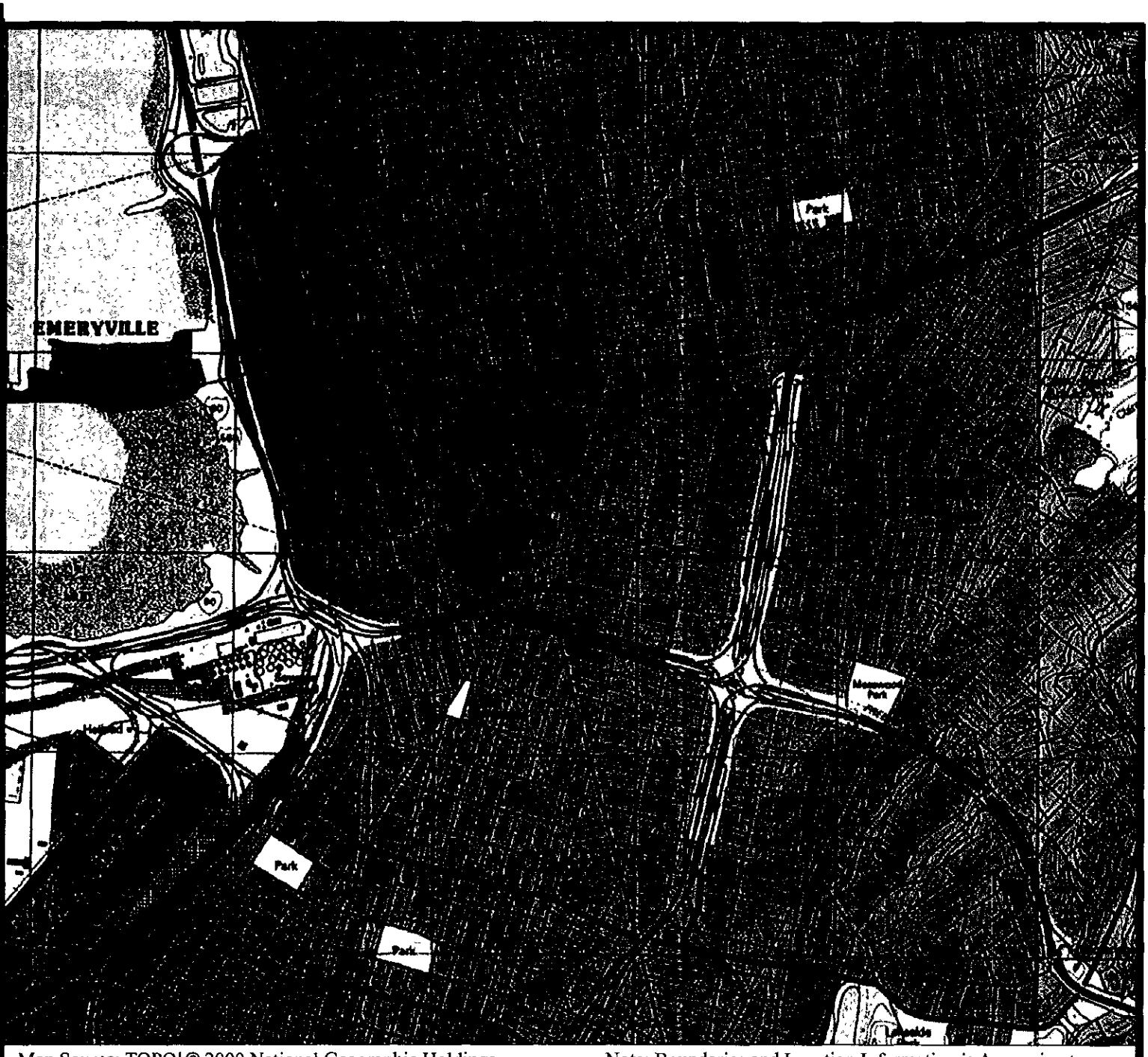
2. NE = Not established

Table 2
Summary of Groundwater Monitoring Well Analytical Data
Former Dunne Paint Facility
1007 41st Street, Oakland, California and
One Color at 1001 41st Street
Oakland, California

Sample Location	Date Sampled	TPH-ms	VOCs
	Former Dunne Paint Facility Wells		
CW-1	11/12/2003	**85**	ND
	3/12/2004	<50	ND
	6/15/2004	<50	ND
CW-2	11/12/2003	<50	ND
	3/12/2004	<50	ND
	6/15/2004	<50	ND
CW-3	11/12/2003	<50	**5.1 TCE**
	3/12/2004	<50	ND
	6/17/2004	<50	ND
MW-D1	11/12/2003	**85**	ND
	3/12/2004	**260**	ND
	6/15/2004	**100**	ND
MW-D2	11/12/2003	**1,400**	ND
	3/12/2004	**330**	ND
	6/15/2004	<50	ND
	ONE Color Wells		
MW-B1	well not sampled due to free product		
MW-B2	6/15/2004	**3,000**	**33 n-Butylbenzene**
MW-B3	6/15/2004	<50	ND
MW-B4	6/15/2004	**1,300**	ND
BES-1	well not sampled due to free product		

Notes:
1. All results in micrograms per Liter (ug/L).
2. TPH-ms = Total Petroleum Hydrocarbons as Mineral Spirits
3. VOCs = Volatile Organic Compounds analyzed by 8260
4. ND = Not Detected

FIGURES



Map Source: TOPO! © 2000 National Geographic Holdings

Note: Boundaries and Location Information is Approximate

1 1/2 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

Portion of the 7.5-Minute Series Oakland West, California
Quadrangle Topographic Map (Datum: NAD 27)
United States Department of the Interior
Geological Survey
1997

N

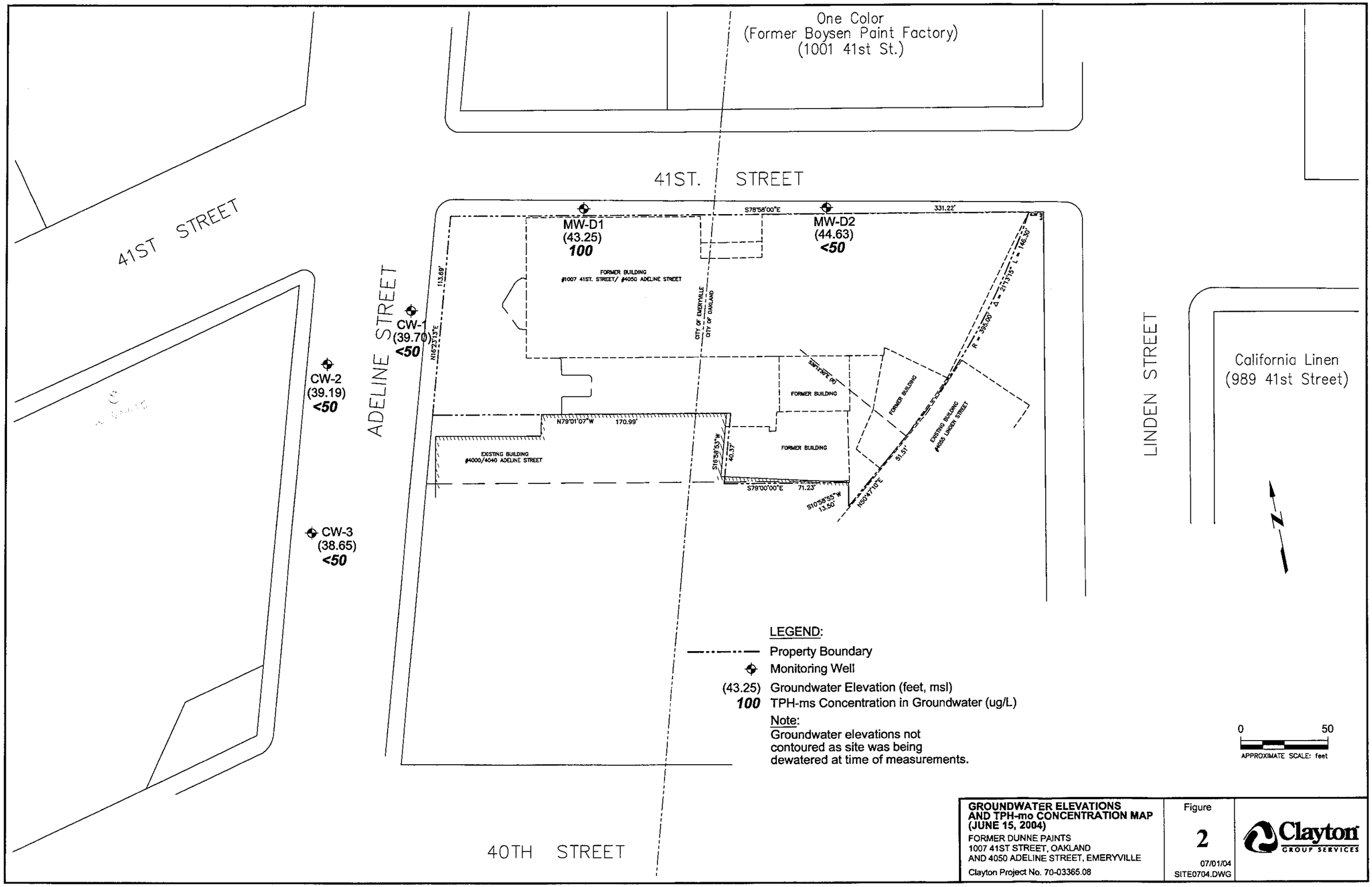
QUADRANGLE LOCATION

PROPERTY LOCATION MAP
10069-1073 41st Street
4003-4015 and 4099 Adeline Street
Emeryville, California

Clayton Project No. 70-03365.08

Figure 1

Clayton GROUP SERVICES



GROUNDWATER ELEVATIONS AND TPH-mo CONCENTRATION MAP (JUNE 15, 2004)

FORMER DUNNE PAINTS
1007 41ST STREET, OAKLAND
AND 4050 ADELINE STREET, EMERYVILLE

Clayton Project No. 70-03365.08

Figure
2
07/01/04
SITE0704.DWG

Clayton GROUP SERVICES

APPENDIX A

GROUNDWATER MONITORING

FIELD SAMPLING DATA SHEETS

FIELD SAMPLING DATA SHEET

Job Location:	Former Dunne Paint Facility	Job #:	70-03365.08
	1007 41st Street	Date Purged:	6/15/2004
	Oakland, California	Purge Method:	Disposable Bailer
Sampling Location:	**CW-1**	Date & Time Samp	6/15/2004 8:20
Top of Casing:	47.55 (ft, msl)	Sampling Method:	Disposable bailer
Depth to Water:	7.85	Sample Type:	TPH-ms/ 8260
Groundwater Elevation	39.70	Preservatives:	HCL
Well Bottom	24.50	# of Containers:	6
Water Column:	16.65	Field Tech:	MR
Well Casing Volume:	2.66 (WC* 0.16)	Weather Conditions:	Sunny
Casing Volumes Purged:			
Purge Rate:		2" dia well	

Time	Volume Removed (gal)	pH	Specific Conductivity (µmhos/cm)	Redox Potential (mVolts)	Temperature (°F or °C)	Turbidity (Visual)
7:40	0	6.89	.653	14	20.1	clear
7:48	2.7	6.95	.508	13	20.0	brown
7:56	2.7	6.97	.499	13	19.3	"
8:03	2.7	7.00	.497	10	19.1	"
8:11	2.7	6.98	.492	8	19.7	"
:						
:						
:						
:						
:						
:						
:						

Field Notes:

GW sampled @ 8:20

FIELD SAMPLING DATA SHEET

Job Location:	Former Dunne Paint Facility	Job #:	70-03365.08
	1007 41st Street	Date Purged:	6/15/2004
	Oakland, California	Purge Method:	Disposable Bailer
Sampling Location:	**CW-2**	Date & Time Samp	6/15/2004 7:25
Top of Casing:	47.59 (ft, msl)	Sampling Method:	Disposable bailer
Depth to Water:	8.40	Sample Type:	TPH-ms/ 8260
Groundwater Elevation	31.19	Preservatives:	HCL
Well Bottom	24.75	# of Containers:	6
Water Column:	16.35	Field Tech:	MR
Well Casing Volume:	2.62 (WC* ~~0.65~~ 0.16	Weather Conditions:	Sunny
Casing Volumes Purged:			
Purge Rate:		2" dia well	

Time	Volume Removed (gal)	pH	Specific Conductivity (µmhos/cm)	Redox Potential (mVolts)	Temperature (°F or °C)	Turbidity (Visual)
6:50	0	6.53	.731	33	18.0	clear
6:57	2.7	6.76	.538	24	18.9	brown
7:04	2.7	6.78	.561	20	19.0	"
7:11	2.7	6.82	.508	21	18.9	"
7:17	2.7	6.85	.489	19	19.2	"
:						
:						
:						
:						
:						
:						
:						

Field Notes:

GW sampled @ 7:25

FIELD SAMPLING DATA SHEET

Job Location:	Former Dunne Paint Facility	Job #:	70-03365.08
	1007 41st Street	Date Purged:	6.17.04
	Oakland, California	Purge Method:	Disposable Bailer
Sampling Location:	**CW-3**	Date & Time Sampled:	6.17.04
Top of Casing:	46.39 (ft, msl)	Sampling Method:	Disposable bailer
Depth to Water:	7.74	Sample Type:	TPH-ms/ 8260
Groundwater Elevation	38.65	Preservatives:	HCL
Well Bottom	24.55	# of Containers:	6
Water Column:	16.81	Field Tech:	MR
Well Casing Volume:	2.69 (WC* 0.16)	Weather Conditions:	sunny
Casing Volumes Purged:			
Purge Rate:		2" dia well	

Time	Volume Removed (gal)	pH	Specific Conductivity (µmhos/cm)	Redox Potential (mVolts)	Temperature (°F or °C)	Turbidity (Visual)
18 : 45	0					clear
18 : 49	2.75					brown
18 : 53	2.75					"
18 : 57	2.75					"
19 : 01	2.75					"
:						
:						
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:						
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:						

Field Notes:

pH Meter not functioning.

FIELD SAMPLING DATA SHEET

Job Location:	Former Dunne Paint Facility	Job #:	70-03365.08
	1007 41st Street	Date Purged:	6/15/2004
	Oakland, California	Purge Method:	Disposable Bailer
Sampling Location:	**MW-D1**	Date & Time Samp	6/15/2004 9:30
Top of Casing:	49.32 (ft, msl)	Sampling Method:	Disposable bailer
Depth to Water:	6.07	Sample Type:	TPH-ms/ 8260
Groundwater Elevation	43.25	Preservatives:	HCL
Well Bottom	12.85	# of Containers:	6
Water Column:	6.78	Field Tech:	MR
Well Casing Volume:	4.41 (WC* 0.65)	Weather Conditions:	Sunny
Casing Volumes Purged:			
Purge Rate:		4" dia well	

Time	Volume Removed (gal)	pH	Specific Conductivity (µmhos/cm)	Redox Potential (mVolts)	Temperature (°F or °C)	Turbidity (Visual)
8:55	0	7.54	.543	17	19.7	clear
8:59	4.5	7.38	.500	11	18.5	"
9:03	4.5	7.45	.492	11	18.6	"
9:08	4.5	7.35	.496	13	19.0	"
9:12	4.5	7.30	.492	7	18.5	"
:						
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:						
:						
:						

Field Notes:

GW sampled @ 9:30

FIELD SAMPLING DATA SHEET

Job Location:	Former Dunne Paint Facility	Job #:	70-03365.08
	1007 41st Street	Date Purged:	6/15/2004
	Oakland, California	Purge Method:	Disposable Bailer
Sampling Location:	**MW-D2**	Date & Time Samp	6/15/2004 10:25
Top of Casing:	5052 (ft, msl)	Sampling Method:	Disposable bailer
Depth to Water:	5.89	Sample Type:	TPH-ms/ 8260
Groundwater Elevation	44.63	Preservatives:	HCL
Well Bottom	12.85	# of Containers:	6
Water Column:	6.96	Field Tech:	MR
Well Casing Volume:	4.52 (WC* 0.65)	Weather Conditions:	Sunny
Casing Volumes Purged:			
Purge Rate:		4" dia well	

Time	Volume Removed (gal)	pH	Specific Conductivity (µmhos/cm)	Redox Potential (mVolts)	Temperature (°F or °C)	Turbidity (Visual)
9:40	0	6.92	.571	6	21.0	clear
9:44	4.6	6.59	.567	32	20.4	"
9:50	4.6	6.70	.465	27	19.8	"
9:55	4.6	6.67	.455	28	20.4	"
10:00	4.6	6.73	.454	25	20.5	"
:						
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Field Notes:

APPENDIX B

LABORATORY ANALYTICAL SHEETS AND CHAIN-OF–CUSTODY DOCUMENTATION FOR THE SECOND QUARTER 2004 GROUNDWATER MONITORING EVENT

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

ANALYTICAL REPORT

Prepared for:

Clayton Group Services
6920 Koll Center Parkway
Suite 216
Pleasanton, CA 94566

Date: 30-JUN-04
Lab Job Number: 172936
Project ID: STANDARD
Location: Former Dunne Paint

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis.

Reviewed by: _____
Project Manager

Reviewed by: _____
Operations Manager

Clayton GROUP SERVICES

CHAIN OF CUSTODY

172936

Lab: C&T

TAT: Standard

Report results to:

Name	Mat Reimer
Company	Clayton Group Services
Mailing Address	6920 Koll Center Parkway, Ste. 216
City, State, Zip	Pleasanton, California 94566
Telephone No.	(925) 426-2600
Fax No.	(925) 426-0106
E-mail:	mreimer@claytongrp.com

Project Information

Project No.	70-03365.08
Name	Former Dunne Paint Facility
Location	1007 41st Street
City	Oakland, California
Log code	

Special instructions and/or specific regulatory requirements:

Sample Identification	Sample Date	Sample Time	Matrix/ Media	No. of Conts.	Analyses Requested: TPH-ms by 8015M	Analyses Requested: VOC's by 8260 w/ fuel oxygenates	Sample Condition/Comments	Preservative
CW-3	6.17.04	19:10	W	6	X	X		

Collected by: MR ***Date/Time*** 6/17/04 19:20 ***Collector's Signature:*** [signature] ***Date/Time*** 6/17/04 19:20

Relinquished by: [signature] ***Date/Time*** 6/17/04 19:20 ***Received by:*** [signature] ***Date/Time*** 6/18/04 0730

Relinquished by: ***Date/Time*** ***Received by:*** ***Date/Time***

Method of Shipment: ***Sample Condition on Rcpt:***

Received ☑ On ice ☑ Cold ☐ Ambient ☑ Intact

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	172936	Location:	Former Dunne Paint
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Field ID:	CW-3	Batch#:	92095
Matrix:	Water	Sampled:	06/17/04
Units:	ug/L	Received:	06/18/04
Diln Fac:	1.000	Analyzed:	06/18/04

Type: SAMPLE Lab ID: 172936-001

Analyte	Result	RL
Mineral Spirits C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	102	74-142
Bromofluorobenzene (FID)	115	80-139

Type: BLANK Lab ID: QC254727

Analyte	Result	RL
Mineral Spirits C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	99	74-142
Bromofluorobenzene (FID)	107	80-139

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	172936	Location:	Former Dunne Paint
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Type:	BS	Diln Fac:	1.000
Lab ID:	QC254729	Batch#:	92095
Matrix:	Water	Analyzed:	06/18/04
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	2,105	105	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	137	74-142
Bromofluorobenzene (FID)	122	80-139

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	172936	Location:	Former Dunne Paint
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Type:	BSD	Diln Fac:	1.000
Lab ID:	QC254755	Batch#:	92095
Matrix:	Water	Analyzed:	06/19/04
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	2,049	102	80-120	3	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	135	74-142
Bromofluorobenzene (FID)	119	80-139

RPD= Relative Percent Difference

4.0

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	172936	Location:	Former Dunne Paint
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	CW-3	Batch#:	92130
Lab ID:	172936-001	Sampled:	06/17/04
Matrix:	Water	Received:	06/18/04
Units:	ug/L	Analyzed:	06/21/04
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	10
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	0.5
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	172936	Location:	Former Dunne Paint
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	CW-3	Batch#:	92130
Lab ID:	172936-001	Sampled:	06/17/04
Matrix:	Water	Received:	06/18/04
Units:	ug/L	Analyzed:	06/21/04
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-120
1,2-Dichloroethane-d4	99	80-124
Toluene-d8	100	80-120
Bromofluorobenzene	113	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	172936	Location:	Former Dunne Paint
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC254848	Batch#:	92130
Matrix:	Water	Analyzed:	06/21/04
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	10
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	172936	Location:	Former Dunne Paint
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC254848	Batch#:	92130
Matrix:	Water	Analyzed:	06/21/04
Units:	ug/L		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-120
1,2-Dichloroethane-d4	99	80-124
Toluene-d8	101	80-120
Bromofluorobenzene	106	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	172936	Location:	Former Dunne Paint
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	92130
Units:	ug/L	Analyzed:	06/21/04
Diln Fac:	1.000		

Type: BS Lab ID: QC254846

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	21.45	86	76-120
Benzene	25.00	23.94	96	80-120
Trichloroethene	25.00	23.79	95	80-120
Toluene	25.00	23.08	92	80-120
Chlorobenzene	25.00	23.71	95	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-120
1,2-Dichloroethane-d4	100	80-124
Toluene-d8	99	80-120
Bromofluorobenzene	105	80-120

Type: BSD Lab ID: QC254847

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	23.00	92	76-120	7	20
Benzene	25.00	24.67	99	80-120	3	20
Trichloroethene	25.00	24.81	99	80-120	4	20
Toluene	25.00	24.14	97	80-120	4	20
Chlorobenzene	25.00	24.20	97	80-120	2	20

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-120
1,2-Dichloroethane-d4	101	80-124
Toluene-d8	100	80-120
Bromofluorobenzene	104	80-120

RPD= Relative Percent Difference

8.0

Curtis & Tompkins, Ltd.

Gasoline Oxygenates by GC/MS

Lab #:	172936	Location:	Former Dunne Paint
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	CW-3	Batch#:	92130
Matrix:	Water	Sampled:	06/17/04
Units:	ug/L	Received:	06/18/04
Diln Fac:	1.000	Analyzed:	06/21/04

Type: SAMPLE Lab ID: 172936-001

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
MTBE	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Methyl tert-Amyl Ether (TAME)	ND	0.5
1,2-Dichloroethane	ND	0.5
1,2-Dibromoethane	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-120
1,2-Dichloroethane-d4	99	80-124
Toluene-d8	100	80-120
Bromofluorobenzene	113	80-120

Type: BLANK Lab ID: QC254848

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
MTBE	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Methyl tert-Amyl Ether (TAME)	ND	0.5
1,2-Dichloroethane	ND	0.5
1,2-Dibromoethane	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-120
1,2-Dichloroethane-d4	99	80-124
Toluene-d8	101	80-120
Bromofluorobenzene	106	80-120

Type: BLANK Lab ID: QC254849

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
MTBE	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Methyl tert-Amyl Ether (TAME)	ND	0.5
1,2-Dichloroethane	ND	0.5
1,2-Dibromoethane	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-120
1,2-Dichloroethane-d4	100	80-124
Toluene-d8	101	80-120
Bromofluorobenzene	113	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline Oxygenates by GC/MS

Lab #:	172936	Location:	Former Dunne Paint
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	92130
Units:	ug/L	Analyzed:	06/21/04
Diln Fac:	1.000		

Type: BS Lab ID: QC254846

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	127.2	102	80-140
MTBE	50.00	48.25	96	76-123
Isopropyl Ether (DIPE)	25.00	24.34	97	80-124
Ethyl tert-Butyl Ether (ETBE)	25.00	24.93	100	80-120
Methyl tert-Amyl Ether (TAME)	25.00	24.05	96	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-120
1,2-Dichloroethane-d4	100	80-124
Toluene-d8	99	80-120
Bromofluorobenzene	105	80-120

Type: BSD Lab ID: QC254847

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	125.0	127.7	102	80-140	0	20
MTBE	50.00	48.67	97	76-123	1	20
Isopropyl Ether (DIPE)	25.00	24.80	99	80-124	2	20
Ethyl tert-Butyl Ether (ETBE)	25.00	25.23	101	80-120	1	20
Methyl tert-Amyl Ether (TAME)	25.00	24.10	96	80-120	0	20

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-120
1,2-Dichloroethane-d4	101	80-124
Toluene-d8	100	80-120
Bromofluorobenzene	104	80-120

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

ANALYTICAL REPORT

Prepared for:

Clayton Group Services
6920 Koll Center Parkway
Suite 216
Pleasanton, CA 94566

Date: 30-JUN-04
Lab Job Number: 172861
Project ID: STANDARD
Location: Former Dunne Paints

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis.

Reviewed by: _____
Project Manager

Reviewed by: _____
Operations Manager

CHAIN OF CUSTODY

Clayton GROUP SERVICES

172861

Lab: C&T

TAT: Standard

Report results to:

Name	Mat Reimer
Company	Clayton Group Services
Mailing Address	6920 Koll Center Parkway, Ste. 216
City, State, Zip	Pleasanton, California 94566
Telephone No.	(925) 426-2600
Fax No.	(925) 426-0106
E-mail:	mreimer@claytongrp.com

cell phone 925-580-7872

Project Information

Project No.	70-03365.08
Name	Former Dunne Paint Facility
Location	1007 41st Street
City	Oakland, California
Log code	

Special instructions and/or specific regulatory requirements:

	Sample Identification	Sample Date	Sample Time	Matrix/ Media	No. of Conts	Analyses Requested: TPH-ms by 8015M	Analyses Requested: VOC's by 8260 w/ fuel oxygenates	Sample Condition/Comments	Preservative
-1	CW-1	6-15-04	8:20	W	6	X	X		HCL
-2	CW-2	↓	7:25	W	6	X	X		HCL
	~~CW-3~~								HCL
-3	MW-D1		9:30	W	6	X	X		HCL
-4	MW-D2	↓	10:25	W	6	X	X		HCL

Collected by: MR ***Date/Time*** 6-15-04 11:30 ***Collector's Signature:*** [signature]

Relinquished by: [signature] ***Date/Time*** 6-15-04 11:30 ***Received by:*** Lavanna Curtis ***Date/Time*** 6/15/04 11:30

Relinquished by: ***Date/Time*** ***Received by:*** ***Date/Time***

Method of Shipment: ***Sample Condition on Rcpt:***

Received ☑ On ice ☐ Cold ☐ Ambient ☐ Intact

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	172861	Location:	Former Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	06/15/04
Units:	ug/L	Received:	06/15/04
Diln Fac:	1.000	Analyzed:	06/17/04
Batch#:	92036		

Field ID: CW-1 Lab ID: 172861-001
Type: SAMPLE

Analyte	Result	RL
Mineral Spirits C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	89	74-142
Bromofluorobenzene (FID)	94	80-139

Field ID: CW-2 Lab ID: 172861-002
Type: SAMPLE

Analyte	Result	RL
Mineral Spirits C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	86	74-142
Bromofluorobenzene (FID)	92	80-139

Field ID: MW-D1 Lab ID: 172861-003
Type: SAMPLE

Analyte	Result	RL
Mineral Spirits C7-C12	100	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	91	74-142
Bromofluorobenzene (FID)	97	80-139

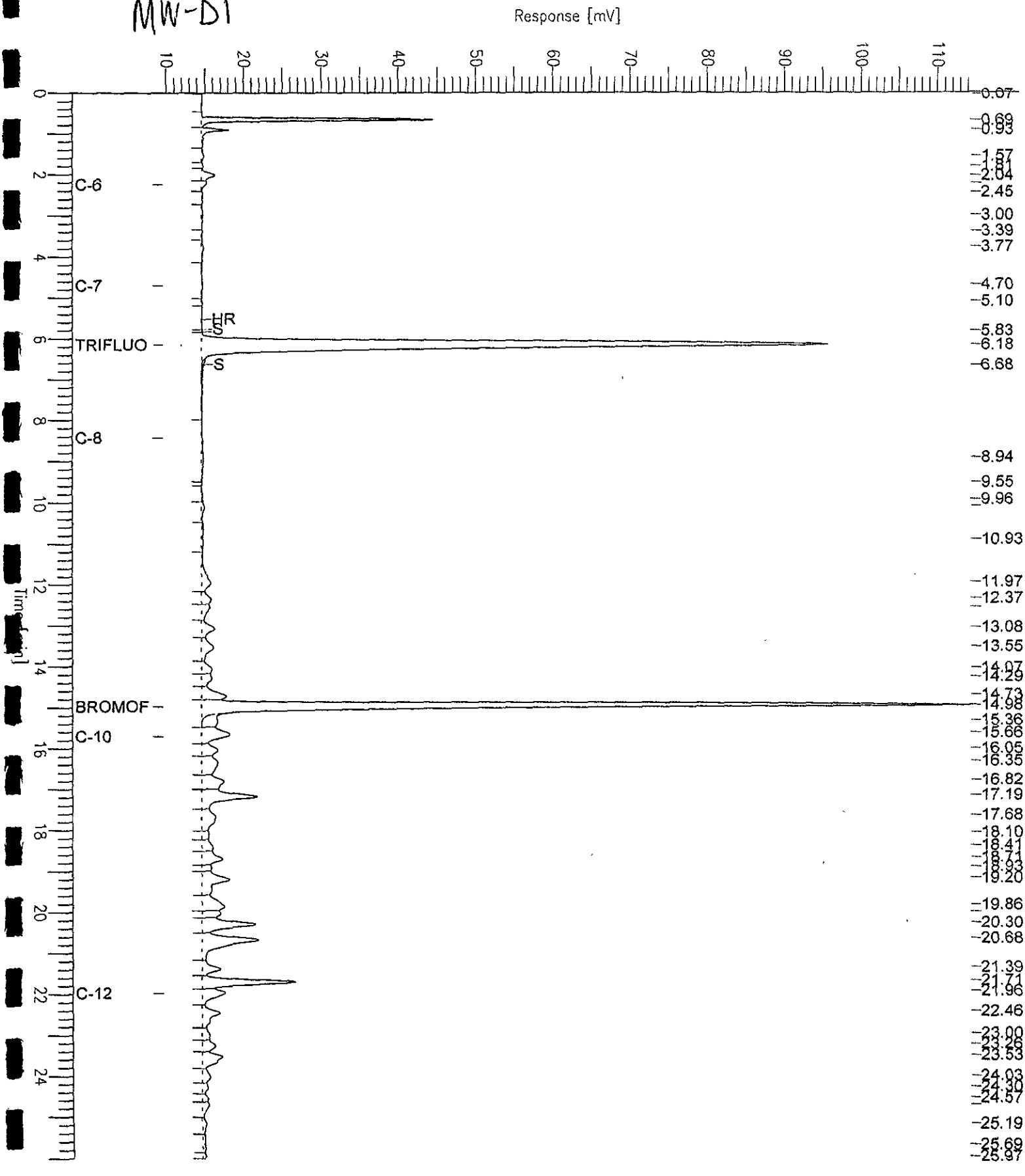
ND= Not Detected
RL= Reporting Limit

GC07 TVH 'A' Data File RTX 502

Sample Name : 172861-003,92036,tvh+minsp
FileName : G:\GC07\DATA\169A008.raw
Method : TVHBTXE
Start Time : 0.00 min End Time : 26.00 min
Scale Factor: 1.0 Plot Offset: 10 mV

Sample #: a1.0 Page 1 of 1
Date : 6/18/04 09:59 AM
Time of Injection: 6/17/04 06:37 PM
Low Point : 9.59 mV High Point : 114.32 mV
Plot Scale: 104.7 mV

MW-D1



GC07 TVH 'A' Data File RTX 502

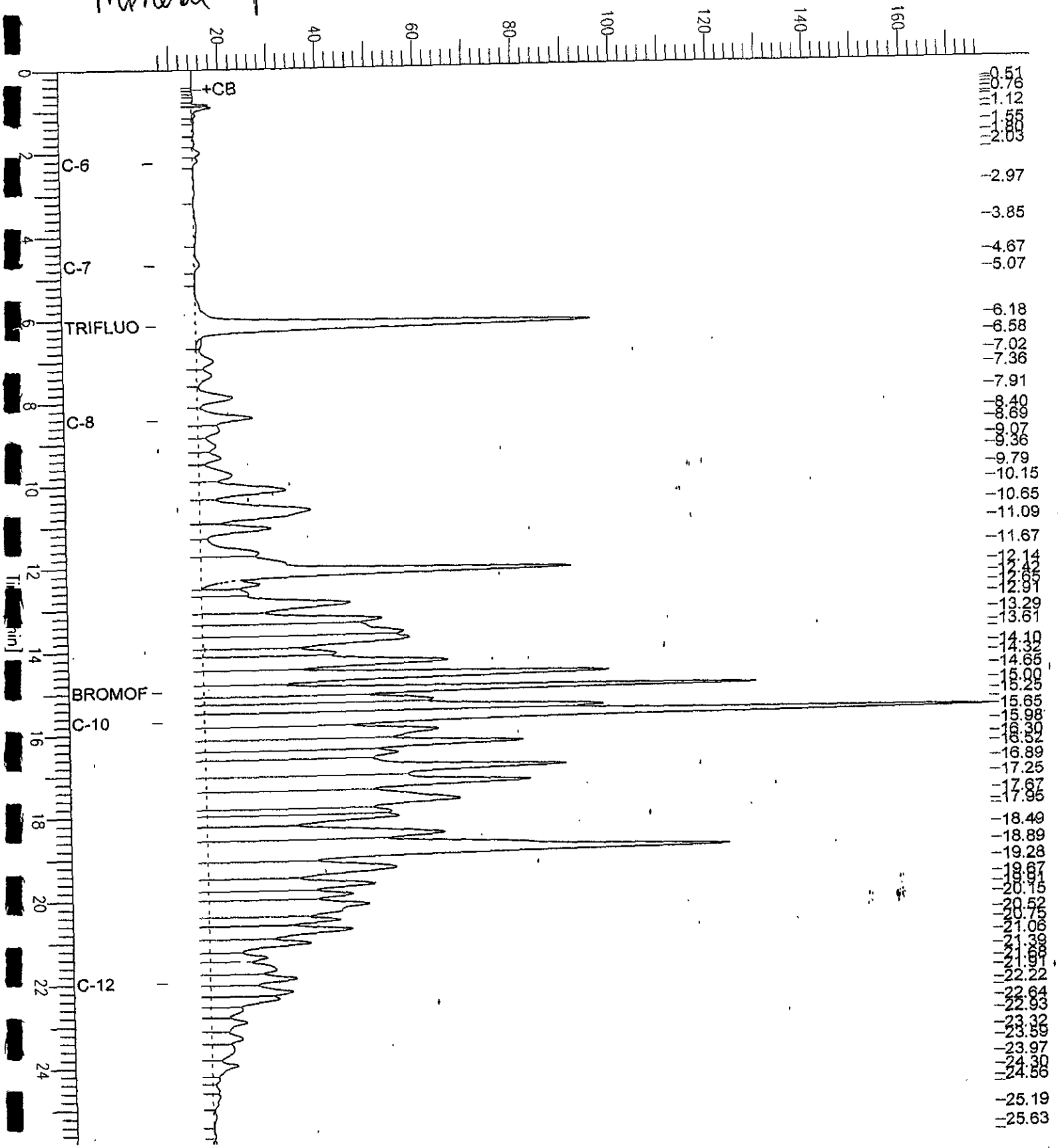
le Name : ccv,minsp,92036,04ws1162,5/5000
Name : G:\GC07\DATA\169A003.raw
ethod : TVHBTXE
art Time : 0.00 min
e Factor: 1.0

End Time : 26.00 min
Plot Offset: 6 mV

Sample #:
Date : 6/17/04 04:09 PM
Time of Injection: 6/17/04 03:43 PM
Low Point : 6.49 mV
Plot Scale: 170.6 mV

High Point : 177.04 mV

Mineral Spirits Standard



Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	172861	Location:	Former Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	06/15/04
Units:	ug/L	Received:	06/15/04
Diln Fac:	1.000	Analyzed:	06/17/04
Batch#:	92036		

Field ID: MW-D2 Lab ID: 172861-004
Type: SAMPLE

Analyte	Result	RL
Mineral Spirits C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	86	74-142
Bromofluorobenzene (FID)	91	80-139

Type: BLANK Lab ID: QC254493

Analyte	Result	RL
Mineral Spirits C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	88	74-142
Bromofluorobenzene (FID)	89	80-139

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

atch QC Report

Total Volatile Hydrocarbons

Lab #:	172861	Location:	Former Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC254495	Batch#:	92036
Matrix:	Water	Analyzed:	06/17/04
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	1,843	92	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	100	74-142
Bromofluorobenzene (FID)	92	80-139

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	172861	Location:	Former Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Field ID:	CW-1	Batch#:	92036
MSS Lab ID:	172861-001	Sampled:	06/15/04
Matrix:	Water	Received:	06/15/04
Units:	ug/L	Analyzed:	06/17/04
Diln Fac:	1.000		

Type: MS Lab ID: QC254583

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	30.51	2,000	1,970	97	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	101	74-142
Bromofluorobenzene (FID)	93	80-139

Type: MSD Lab ID: QC254584

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	1,946	96	80-120	1	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	99	74-142
Bromofluorobenzene (FID)	93	80-139

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	172861	Location:	Former Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	CW-1	Batch#:	92045
Lab ID:	172861-001	Sampled:	06/15/04
Matrix:	Water	Received:	06/15/04
Units:	ug/L	Analyzed:	06/17/04
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	10
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	0.5
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected
RL= Reporting Limit

5.0

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	172861	Location:	Former Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	CW-1	Batch#:	92045
Lab ID:	172861-001	Sampled:	06/15/04
Matrix:	Water	Received:	06/15/04
Units:	ug/L	Analyzed:	06/17/04
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	102	80-120
1,2-Dichloroethane-d4	102	80-124
Toluene-d8	100	80-120
Bromofluorobenzene	112	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	172861	Location:	Former Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	CW-2	Batch#:	92045
Lab ID:	172861-002	Sampled:	06/15/04
Matrix:	Water	Received:	06/15/04
Units:	ug/L	Analyzed:	06/17/04
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	10
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	0.5
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	172861	Location:	Former Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	CW-2	Batch#:	92045
Lab ID:	172861-002	Sampled:	06/15/04
Matrix:	Water	Received:	06/15/04
Units:	ug/L	Analyzed:	06/17/04
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-120
1,2-Dichloroethane-d4	101	80-124
Toluene-d8	101	80-120
Bromofluorobenzene	115	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	172861	Location:	Former Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW-D1	Batch#:	92045
Lab ID:	172861-003	Sampled:	06/15/04
Matrix:	Water	Received:	06/15/04
Units:	ug/L	Analyzed:	06/17/04
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	10
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	0.5
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	172861	Location:	Former Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW-D1	Batch#:	92045
Lab ID:	172861-003	Sampled:	06/15/04
Matrix:	Water	Received:	06/15/04
Units:	ug/L	Analyzed:	06/17/04
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-120
1,2-Dichloroethane-d4	102	80-124
Toluene-d8	100	80-120
Bromofluorobenzene	111	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	172861	Location:	Former Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW-D2	Batch#:	92045
Lab ID:	172861-004	Sampled:	06/15/04
Matrix:	Water	Received:	06/15/04
Units:	ug/L	Analyzed:	06/17/04
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	10
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	0.5
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected
RL= Reporting Limit

8.0

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	172861	Location:	Former Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW-D2	Batch#:	92045
Lab ID:	172861-004	Sampled:	06/15/04
Matrix:	Water	Received:	06/15/04
Units:	ug/L	Analyzed:	06/17/04
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-120
1,2-Dichloroethane-d4	102	80-124
Toluene-d8	100	80-120
Bromofluorobenzene	104	80-120

ND= Not Detected
RL= Reporting Limit

8.0

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	172861	Location:	Former Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC254529	Batch#:	92045
Matrix:	Water	Analyzed:	06/17/04
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	10
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	172861	Location:	Former Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC254529	Batch#:	92045
Matrix:	Water	Analyzed:	06/17/04
Units:	ug/L		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-120
1,2-Dichloroethane-d4	100	80-124
Toluene-d8	100	80-120
Bromofluorobenzene	109	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	172861	Location:	Former Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	92045
Units:	ug/L	Analyzed:	06/17/04
Diln Fac:	1.000		

Type: BS Lab ID: QC254527

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	23.23	93	76-120
Benzene	25.00	24.59	98	80-120
Trichloroethene	25.00	24.85	99	80-120
Toluene	25.00	23.90	96	80-120
Chlorobenzene	25.00	24.06	96	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-120
1,2-Dichloroethane-d4	103	80-124
Toluene-d8	99	80-120
Bromofluorobenzene	109	80-120

Type: BSD Lab ID: QC254528

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	23.68	95	76-120	2	20
Benzene	25.00	25.40	102	80-120	3	20
Trichloroethene	25.00	25.46	102	80-120	2	20
Toluene	25.00	24.96	100	80-120	4	20
Chlorobenzene	25.00	24.87	99	80-120	3	20

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-120
1,2-Dichloroethane-d4	102	80-124
Toluene-d8	99	80-120
Bromofluorobenzene	105	80-120

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Gasoline Oxygenates by GC/MS

Lab #:	172861	Location:	Former Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Matrix:	Water	Sampled:	06/15/04
Units:	ug/L	Received:	06/15/04
Diln Fac:	1.000	Analyzed:	06/17/04
Batch#:	92045		

Field ID: CW-1 Lab ID: 172861-001
Type: SAMPLE

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
MTBE	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Methyl tert-Amyl Ether (TAME)	ND	0.5
1,2-Dichloroethane	ND	0.5
1,2-Dibromoethane	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	102	80-120
1,2-Dichloroethane-d4	102	80-124
Toluene-d8	100	80-120
Bromofluorobenzene	112	80-120

Field ID: CW-2 Lab ID: 172861-002
Type: SAMPLE

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
MTBE	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Methyl tert-Amyl Ether (TAME)	ND	0.5
1,2-Dichloroethane	ND	0.5
1,2-Dibromoethane	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-120
1,2-Dichloroethane-d4	101	80-124
Toluene-d8	101	80-120
Bromofluorobenzene	115	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Gasoline Oxygenates by GC/MS

Lab #:	172861	Location:	Former Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Matrix:	Water	Sampled:	06/15/04
Units:	ug/L	Received:	06/15/04
Diln Fac:	1.000	Analyzed:	06/17/04
Batch#:	92045		

Field ID: MW-D1 Lab ID: 172861-003
Type: SAMPLE

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
MTBE	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Methyl tert-Amyl Ether (TAME)	ND	0.5
1,2-Dichloroethane	ND	0.5
1,2-Dibromoethane	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-120
1,2-Dichloroethane-d4	102	80-124
Toluene-d8	100	80-120
Bromofluorobenzene	111	80-120

Field ID: MW-D2 Lab ID: 172861-004
Type: SAMPLE

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
MTBE	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Methyl tert-Amyl Ether (TAME)	ND	0.5
1,2-Dichloroethane	ND	0.5
1,2-Dibromoethane	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-120
1,2-Dichloroethane-d4	102	80-124
Toluene-d8	100	80-120
Bromofluorobenzene	104	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Gasoline Oxygenates by GC/MS

Lab #:	172861	Location:	Former Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Matrix:	Water	Sampled:	06/15/04
Units:	ug/L	Received:	06/15/04
Diln Fac:	1.000	Analyzed:	06/17/04
Batch#:	92045		

Type: BLANK Lab ID: QC254529

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
MTBE	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Methyl tert-Amyl Ether (TAME)	ND	0.5
1,2-Dichloroethane	ND	0.5
1,2-Dibromoethane	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-120
1,2-Dichloroethane-d4	100	80-124
Toluene-d8	100	80-120
Bromofluorobenzene	109	80-120

Type: BLANK Lab ID: QC254530

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
MTBE	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Methyl tert-Amyl Ether (TAME)	ND	0.5
1,2-Dichloroethane	ND	0.5
1,2-Dibromoethane	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-120
1,2-Dichloroethane-d4	101	80-124
Toluene-d8	101	80-120
Bromofluorobenzene	117	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline Oxygenates by GC/MS

Lab #:	172861	Location:	Former Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	92045
Units:	ug/L	Analyzed:	06/17/04
Diln Fac:	1.000		

Type: BS Lab ID: QC254527

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	136.1	109	80-140
MTBE	50.00	50.26	101	76-123
Isopropyl Ether (DIPE)	25.00	25.14	101	80-124
Ethyl tert-Butyl Ether (ETBE)	25.00	25.65	103	80-120
Methyl tert-Amyl Ether (TAME)	25.00	24.42	98	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-120
1,2-Dichloroethane-d4	103	80-124
Toluene-d8	99	80-120
Bromofluorobenzene	109	80-120

Type: BSD Lab ID: QC254528

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	125.0	136.7	109	80-140	0	20
MTBE	50.00	50.93	102	76-123	1	20
Isopropyl Ether (DIPE)	25.00	25.45	102	80-124	1	20
Ethyl tert-Butyl Ether (ETBE)	25.00	25.92	104	80-120	1	20
Methyl tert-Amyl Ether (TAME)	25.00	24.80	99	80-120	2	20

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-120
1,2-Dichloroethane-d4	102	80-124
Toluene-d8	99	80-120
Bromofluorobenzene	105	80-120

RPD= Relative Percent Difference

SEVERN TRENT STL

Submission#: 2004-06-0549

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

Surinder Sidhu
Project Manager

SEVERN TRENT STL

Submission #: 2004-06-0549

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 STL

Submission #: 2004-06-0549

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	

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	
Surrogate(s)						
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
Sample ID: **MW-B4**
Sampled: 06/15/2004 14:35
Matrix: Water

Test(s): 8015M
Lab ID: 2004-06-0549 - 3
Extracted: 6/17/2004 06:48
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	
Surrogate(s)						
o-Terphenyl	74.7	50-120	%	1.00	06/18/2004 17:27	

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
MB: 2004/06/17-02.10-001

Water

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

SEVERN TRENT STL

Submission #: 2004-06-0549

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

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	

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
Sample ID: **MW-B2**
Sampled: 06/15/2004 15:15
Matrix: Water
Analysis Flag: Im (See Legend and Note Section)

Test(s): 8260B
Lab ID: 2004-06-0549 - 1
Extracted: 6/21/2004 18:22
QC Batch#: 2004/06/21-01.71

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	

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
Sample ID: **MW-B2**
Sampled: 06/15/2004 15:15
Matrix: Water
Analysis Flag: lm (See Legend and Note Section)

Test(s): 8260B
Lab ID: 2004-06-0549 - 1
Extracted: 6/21/2004 18:22
QC Batch#: 2004/06/21-01.71

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	

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	

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
Sample ID: **MW-B3**
Sampled: 06/15/2004 13:50
Matrix: Water

Test(s): 8260B
Lab ID: 2004-06-0549 - 2
Extracted: 6/21/2004 18:55
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	

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	

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: lrn (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	

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
Sample ID: **MW-B4**
Sampled: 06/15/2004 14:35
Matrix: Water
Analysis Flag: lrn (See Legend and Note Section)

Test(s): 8260B
Lab ID: 2004-06-0549 - 3
Extracted: 6/21/2004 19:29
QC Batch#: 2004/06/21-01.71

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	

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
Sample ID: **MW-B4**
Sampled: 06/15/2004 14:35
Matrix: Water
Analysis Flag: Irn (See Legend and Note Section)

Test(s): 8260B
Lab ID: 2004-06-0549 - 3
Extracted: 6/21/2004 19:29
QC Batch#: 2004/06/21-01.71

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	

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	

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
Method Blank — Water — **QC Batch # 2004/06/21-01.71**
MB: 2004/06/21-01.71-007 — 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	

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	

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	LCSD
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 STL

Submission #: 2004-06-0549

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

lm

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

SEVERN TRENT STL

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 (4^0 C ± 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:* ☐ HNO_3 ☐ HCl ☐ H_2SO_4 ☐ 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):

86981

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

Chain of Custody

2004-06-0549

PAGE 1 OF 1

SAMPLER (SIGNATURE)

PROJECT NAME KOZEL PROPERTY JOB NO.

ADDRESS OAKLAND/LEMOR AVE

ANALYSIS REQUEST

SPECIAL INSTRUCTIONS:
REPORT TO
DKRIGER@AQUASCIENCEENGINEERS.COM

SAMPLE ID.	DATE	TIME	MATRIX	NO. OF SAMPLES	TPH-GAS (MTBE & BTEX)	TPH-DIESEL w/ Silica Gel Cleanup	TPH-Mineral Spirits w/ Silica Gel Cleanup	PURGEABLE HALOCARBONS	VOLATILE ORGANICS (EPA 8260)	SEMI-VOLATILE ORGANICS	OIL & GREASE	LUFT METALS (5)	CAM 17 METALS	PCBs & PESTICIDES	ORGANOPHOSPHORUS PESTICIDES	FUEL OXYGENATES	TPH (TOTAL or DISSOLVED)	TPH-G/BTEX/5 OXYS/1,2 DCA/EDB (EPA 8260)	LEAD		
MW-B2	6/10/04	1515	W	4			X		X												
MW-B3	6/10/04	1350	W	4			X		X												
MW-B4	6/10/04	1435	W	4			X		X												

RELINQUISHED BY:	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY LABORATORY:	COMMENTS:
(signature) 1010 (time)	(signature) (time) 1210	(signature) (time) 1800	(signature) 805 (time)	5.0 L
(printed name) (date)	(printed name) (date)	(printed name) (date)	(printed name) (date)	TURN AROUND TIME
Company- ASE	Company-	Company-	Company-	STANDARD 24Hr 48Hr 72Hr
				OTHER: