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



## Third Quarter 2004 Groundwater Monitoring Results

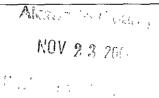
Former Dunne Paint Facility 1007 41<sup>st</sup> Street Oakland, California

> Prepared for: Green City Lofts, LLC

Clayton Project No. 70-03365.08

**November 22, 2004** 

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





November 22, 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:

Third Quarter 2004 Groundwater Monitoring Results

Former Dunne Paint Facility

1007 41<sup>st</sup> Street Oakland, California

Dear Mr. Chan:

Clayton Group Services, Inc. is pleased to present the enclosed report documenting the results of the Third 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** 

Jøn Rosso, P.E.

Director

**Environmental Services** 

JAR/mr

cc: Martin Samuels, Green City Lofts, Inc.

Matt Oliver, Green City Lofts, Inc.

Jon Benjamin, Esq., Farella Braun & Martel, LLP

Enclosure



#### Administrative

#### MOV 2 3 2004

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#### 1.0 <u>INTRODUCTION</u>

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 Third Quarter 2004 Groundwater Monitoring performed at the former Dunne Paint Facility located at 1007 41<sup>st</sup> 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 41<sup>st</sup> Street in Oakland, California" dated September 29, 2003, "Predevelopment Investigation Report of the Former Dunne Paint facility at 1007 41<sup>st</sup> 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 41<sup>st</sup> 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 Third 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 September 14, 2004, groundwater monitoring wells CW-1, CW-2, CW-3, MW-D1 and MW-D2 were sampled. 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 41<sup>st</sup> Street and 1001 42<sup>nd</sup> 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.

#### 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 Third 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

Groundwater flow conditions were assessed based upon the groundwater level measurements obtained during this event. Groundwater depths below the top of well casing ranged between 5.86 and 8.98 feet. Groundwater elevations ranged between 37.74 and 44.51 feet above mean sea level. Groundwater elevation measurements for each well are shown on Table 1 and Figure 2. The groundwater flow direction appears to be westerly at a gradient of approximately 0.017 feet per foot. Groundwater elevations in monitoring wells are shown in Figure 2.



#### 4.2. GROUNDWATER ANALYSES

The groundwater analytical results are summarized in Table 2. Concentrations of TPH-ms in groundwater are shown in Figure 2. Laboratory analyses did not detect concentrations of TPH-ms above the laboratory reporting limit of 50  $\mu$ g/L in any of the groundwater samples tested. Laboratory analyses also did not detect any concentrations of VOCs, including fuel oxygenates, above the laboratory reporting limits in any of the groundwater samples tested.

#### 5.0 CONCLUSIONS AND RECOMMENDATIONS

No concentrations of TPH-ms or VOCs were present in any of the groundwater monitoring wells sampled. The groundwater monitoring over the last four quarters clearly demonstrates that on-site remedial activities have been successful and that no source of groundwater contamination remains at the Site. No further monitoring of groundwater quality appears warranted by Green City Lofts, LLC.

#### 6.0 <u>LIMITATIONS</u>

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.

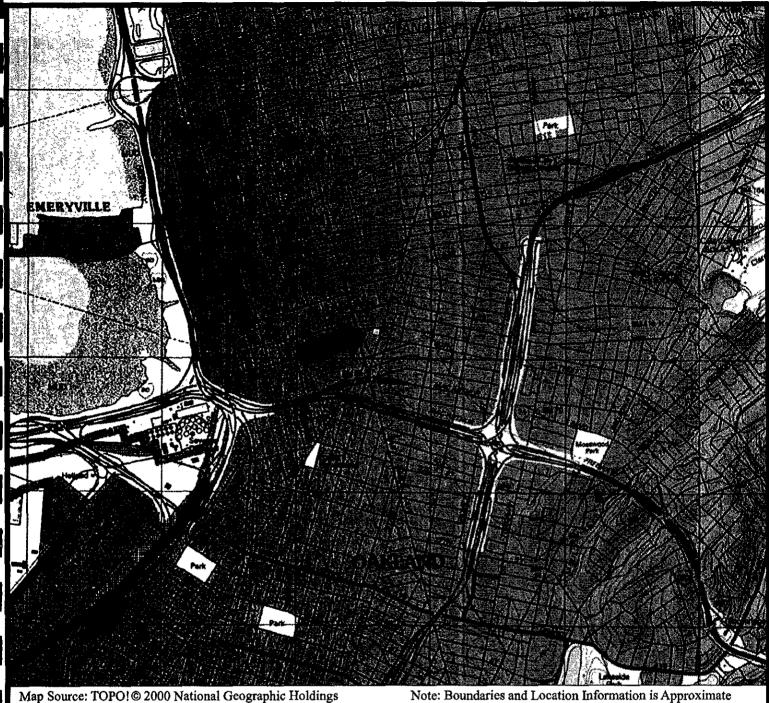
Director

**Environmental Services** 

November 22, 2004



#### **FIGURES**



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

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1000 0

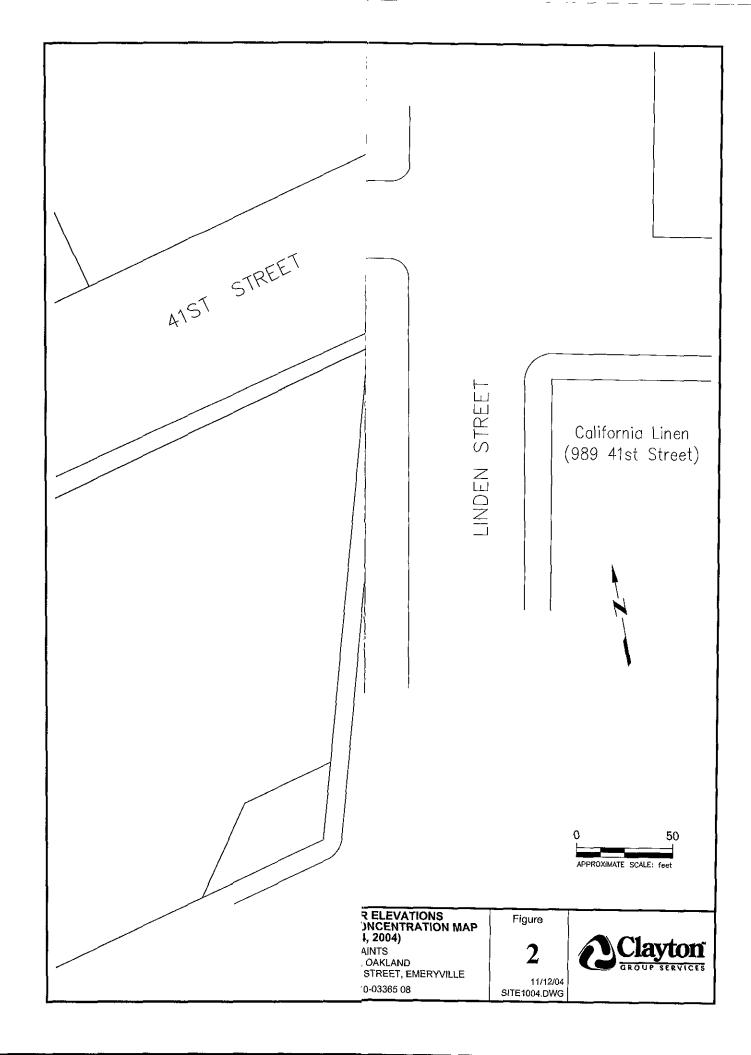
PROPERTY LOCATION MAP 10069-1073 41st Street 4003-4015 and 4099 Adeline Street Emeryville, California

Clayton Project No. 70-03365.08

Figure

1







**TABLES** 



## 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	Date	Top of Casing	Depth to	Groundwater	Depth to
Identification	Measured	Elevation (ft,msl)	Water (feet)	Elevation (ft,msl)	Product (feet)
		Former Dunne P	aint Facility W	ells	
CW-1	11/12/2003	47.55	8.93	38.62	NA
C 44-1	3/12/2003	47.55	6.85	40.70	NA
	6/15/2004	47.55	7.85	39.70	NA
	9/14/2004	47.55	8.38	39.17	NA
	37 T 17 200 T	(7.22			
CW-2	11/12/2003	47.59	9.25	38.34	NA
	3/12/2004	47.59	7.22	40.37	NA
	6/15/2004	47.59	8.40	39.19	NA
	9/14/2004	47.59	8.98	38.61	NA
CW 2	11/12/2003	46.39	8.30	38.09	NA
CW-3	3/12/2003	46.39	6.04	40.35	NA NA
	6/17/2004	46.39	7.74	38.65	NA NA
	9/14/2004	46.39	8.65	37.74	NA
	3/14/2004	<del>40</del> ,59	8.05	37.77	141
MW-D1	11/12/2003	49.32	5.98	43.34	NA
	3/12/2004	49.32	5.97	43.35	NA
	6/15/2004	49.32	6.07	43.25	NA
	9/14/2004	49.32	5.86	43.46	NA
34311 D4	11/12/2002	50.52	9.52	41.00	NA
MW-D2	11/12/2003 3/12/2004	50.52 50.52	8.94	41.58	NA NA
		50.52	5.89	44.63	NA NA
	6/15/2004 9/14/2004	50.52	6.01	44.51	NA NA
	9/14/2004	30.32	0.01	77.51	1421
		One Co	lor Wells		
MW-B1	6/15/2004	49.92	6.00*1	43.92	5.85
	9/14/2004	49.92	6.18*2	43.77	6.14
MW-B2	6/15/2004	50.77	6.40	44.37	NA
,	9/14/2004	50.77	6.56	44,21	NA
MW-B3	6/15/2004	49.02	5.43	43.59	NA
	9/14/2004	49.02	5.63	43.39	NA
MW-B4	6/15/2004	49.74	5.58 <sup>*3</sup>	44.16	sheen
	9/14/2004	49.74	5.95	43.79	NA
BES-1	6/15/2004	NE	9.95 <sup>*4</sup>	NE	9.94
	9/14/2004	NE	10.28*5	NE	10.21

#### Notes:

<sup>1.</sup> 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.

<sup>2.</sup> NE = Not established

<sup>3.</sup> NA = Not applicable



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	Date		<del></del>
Location	Sampled	TPH-ms	VOCs
	Former Dunn	e Paint Facility	Wells
CW-1	11/12/2003	85	ND
	3/12/2004	< 50	ND
	6/15/2004	< 50	ND
	9/14/2004	<50	ND
CW-2	11/12/2003	<50	ND
011 2	3/12/2004	<50	ND
	6/15/2004	<50	ND
	9/14/2004	<50	ND
CW-3	11/12/2003	<50	5.1 TCE
C 44-3	3/12/2004	<50 <50	ND
	6/17/2004	<50 <50	ND
	9/14/2004	<50 <50	ND
1.611. D.4	11/10/2022	0.5	NID
MW-D1	11/12/2003	85	ND
	3/12/2004	260	ND
	6/15/2004	100	ND
	9/14/2004	<50	ND
MW-D2	11/12/2003	1,400	ND
	3/12/2004	330	ND
	6/15/2004	< 50	ND
	9/14/2004	<50	ND
	ONE	Color Wells	
MW-B1	6/15/2004	NS	NS
	9/14/2004	NS	NS
MW-B2	6/15/2004	3,000	33 n-Butylbenzene
	9/14/2004	410	ND
MW-B3	6/15/2004	<50	ND
	9/14/2004	<50	ND
MW-B4	6/15/2004	1,300	ND
	9/14/2004	400	ND
BES-1	6/15/2004	NS	NS
	9/14/2004	NS	NS

#### 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



# APPENDIX A GROUNDWATER MONITORING FIELD SAMPLING DATA SHEETS

	n:	Former Dunne	Paint Facility	Job #:	70-03365.08	
		1007 41st Stree		Date Purged:	9.14.04	
		Oakland, Califo		Purge Method:	Disposable Bailer	
Sampling Lo		CW-1		Date & Time Sam		
Top of Casi	ng:	47.55	(ft, msl)	Sampling Method:	Disposable bailer	
Depth to Water: 8.38				Sample Type:	TPH-ms/ 8260	
Groundwater Elevation 3 9,17 Well Bottom 24.50				Preservatives:	HCL	
				# of Containers:	8	
Water Colu	mn:	16.12	<u> </u>	Field Tech:	MR	<u>,</u>
Well Casing	Volume:	2.58	(WC* 0.16)	Weather Condition	is: Juany	·
Casing Volu	ımes Purged:	<u> </u>		,		
Purge Rate:	<u> </u>		<u> </u>	2" dia well		
rime	Volume Removed (gal)	рН	Specific Conductivity (µmhos/cm)	Redőx Potentiál (mVolt <del>s)</del>	Temperature	Turbidity (Visual)
9:15	0	7.17	.642		20,6	clear
9:19	2.6	7.80	-639	_	20.6	bro un
9:23	2.6	7,07	·642	^	20.5	и
4:28	2.6	7.10	•\$35		20.3	Ċı
9:33	2.6	7.09	-637	-	20.4	И
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Job Locatio	n:	Former Dunne	Paint Facility	Job #:	70-03365.08				
		1007 41st Stre	eet	Date Purged: 9, 14, 04					
	,	Oakland, Calif	ornia	Purge Method:	Disposable Bailer	·			
Sampling L	ocation:	CW-2		Date & Time Samp	oled: 9,14,64	7 i Ya			
Top of Casing: 47.59 (ft, msl)				Sampling Method:	Disposable bailer				
Depth to W	ater:	8.98		Sample Type:	TPH-ms/ 8260				
Groundwate	er Elevation	38-61		Preservatives:	HCL	·			
Well Botton	<u> </u>	24.75		# of Containers:	8				
Water Colu	mn:	15,77		Field Tech:	MR				
Well Casing	Volume:	2.52	(WC* 0.16)	Weather Condition	s: lumy				
Casing Vol	umes Purged:			<del></del>					
Purge Rate	·			2" dia well					
Time	Volume Removed (gal)	рН	Specific Conductivity (μmhos/cm)	-Redox -Potential -{mVolts}	Temperature	Turbidity (Visual)			
7:15	O	7.01	.641	_	19,4	clear			
7:20	2.6	7.05	.639	_	19.5	brewn			
7:25	2.6	6.99	.633		20,1	1,			
7:30	2.6	6,95	.637	***	20.1	(1			
7:35	2.6	6,94	• 636		20.2	4			
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Joh I ocatio		<u>-</u>	FIELD SAMPLIN		70 0000- 6-	
lob Location: Former Dunne Paint Facility				Job #:	70-03365.08	
		1007 41st Stre		Date Purged:	9.14.04	
		Oakland, Calif	ornia	Purge Method:	Disposable Bailer	
Sampling L	<del> </del>	CW-3			pled: 9,14,04	16:30
Top of Casi		46.39	(ft, msl)		Disposable bailer	
Depth to Wa		8.65		Sample Type:	TPH-ms/ 8260	
<u>Groundwate</u>	er Elevation	37,74		Preservatives:	HCL	
Well Bottom	1	24.55		# of Containers:		<del></del> :
Water Colu	mn:	15.9		Field Tech:	MR	
Well Casing	Volume:	2.54	(WC* 0.16)	Weather Condition	15: Khny	
Casing Volu	ımes Purged:	4			, , , , , , , , , , , , , , , , , , ,	
Purge Rate	· · · · · · · · · · · · · · · · · · ·			2" dia well		
Time	Volume Removed (gal)	рН	Specific Conductivity (µmhos/cm)	Redox Potential (mVolts)	Temperature	Turbidity (Visual)
18:00	0	7.40	1.12	Ph.	20.2	ilear
16:05	2.6	7.27	1.12	_	20.0	βI
ib : 09	2.6	7,22	1.13	-	19.6	brown
16:13	2.6	7.20	1.13		19.6	brown
10 . 1)			, ,,			4
را: ۱۲	2-6	7.14	1.13		19.5	`
	2-6	7.14	(413		19.5	
16:17	2-6	7.14	(.13		19.5	
16:17	2-6	7.14	(.1)		19.5	
16:17	2-6	7.14	(.1)		19.5	
16:17	2-6	7.14	(.1)		19.5	
16:17	2-6	7.14	(.1)		19.5	
16:17	2-6	7.14	(.1)		19.5	

Job Locatio	nı	Former Dunne	Point English	Job #:	70-03365.08	
JOD LOCATIO	ob Location: Former Dunne Paint Facility  1007 41st Street				9,14,04	
					Disposable Bailer	·
Sampling Lo		Oakland, Califo	ornia	Purge Method: Date & Time Samp	· · · · · · · · · · · · · · · · · · ·	8:15
Top of Casi		49.32	(ft, msl)	Sampling Method:		
Depth to W		5.86		Sample Type:	TPH-ms/ 8260	
	er Elevation	43.46		Preservatives:	HCL	
Well Bottom 12.85				# of Containers:	8	
Water Colu	mn:	6.99		Field Tech:	MR	
Well Casing	y Volume:	4.54	(WC* 0.65)	Weather Condition	s: Junny	
Casing Volu	ımes Purged:	·····			· · · · · · · · · · · · · · · · · · ·	·
ourge Rate	•			4" dia well		· · · · ·
Гime	Volume Removed (gal)	рН	Specific Conductivity (µmhos/cm)	Redex Retential (mVolts)	Temperature	Turbidity (Visual)
1:50	0	7.40	1667		19,4	eleav
7:54	5	7.39	.667	-	19.5	ı,
7:58	5	7-39	.668		19.7	i
8:01	5	7.39	.670	-	19.7	4
8:05	5	7.40	ڪاط ،	<u> </u>	19,7	41
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ob Location: Former Dunne Paint Facility				Job #:	70-03365.08				
		1007 41st Stree	et	Date Purged: 9.14.04					
		Oakland, Califo	ornia	Purge Method: Disposable Bailer					
Sampling Lo	ocation:	MW-D2		Date & Time Samp	oled: 9,14.0 4	8:55			
Top of Casi	ng:	5052	(ft, msl)	Sampling Method:	Disposable bailer				
Depth to Wa	ater:	6.01		Sample Type:	TPH-ms/ 8260				
Groundwate	er Elevation	44.51		Preservatives:	HCL				
Well Botton	1	12.85		# of Containers:	<u> </u>				
Water Colu	mn:	6.84		Field Tech:	_MR				
Well Casing	Volume:	4,45	(WC* 0.65)	Weather Condition	s: founy				
Casing Volu	ımes Purged:	<u> </u>			•				
Purge Rate				4" dia well					
Time	Volume Removed (gal)	рН	Specific Conductivity (µmhos/cm)	-Redox' Potential (mVolts)	Temperature	Turbidity (Visual)			
ş : 30	0	7, 18	, 55 /		21.0	clear			
8 : ३५	4,5	7.06	.550	_	21,0	ĘĮ			
8:37	4,5	7.03	.562	_	20.8	9			
8:40	ч.5	7.01	. 205		20.7	ŧį			
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#### APPENDIX B

LABORATORY ANALYTICAL SHEETS AND
CHAIN-OF-CUSTODY DOCUMENTATION FOR THE THIRD
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: 27-SEP-04 Lab Job Number: 174672

Project ID: 70-03365.04

Location: Former DunnePaintFacility

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:

perations Manager

This package may be reproduced only in its entirety.

NELAP # 01107CA

Page 1 of 24



#### CASE NARRATIVE

Laboratory number: 174672

Client: Clayton Group Services

Project: 70-03365.04

Location: Former DunnePaintFacility

Request Date: 09/15/04 Samples Received: 09/15/04

This hardcopy data package contains sample and QC results for five water samples, requested for the above referenced project on 09/15/04. The samples were received cold and intact.

#### TPH-Purgeables and/or BTXE by GC (EPA 8015B):

No analytical problems were encountered.

#### Volatile Organics by GC/MS (EPA 8260B):

No analytical problems were encountered.



#### **CHAIN OF CUSTODY**

Page 1 of 1.

174672

Lab: C&T

TAT: Standard

Report results to:  Name Company Mailing Address City, State, Zip Telephone No.  Mat Reimer Clayton Group Services 6920 Koll Center Parkway, Ste. 216 Pleasanton, California 94566 (925) 426-2600														,	Proj Nan Loca City	ation	70-033 Former 1007 4	65.08 r Dunne Paint Fac 1st Street nd, California	ility
Fax No.	(925) 426		-					Ana	lyse	s Re	que	stec	<u> </u>		<u></u> 9				<del></del>
E-mail:	mreimer@c	laytongrp.	com	-		enates													
Special instructions and/or	specific regulate	ory requireme	ents:		8015M	0 w/ fuel oxygenates													
Samples kontineation	Sample		Xlariiv Modro		H-ms by	VOC's by 8260										Sample	e Conditio	on/Comments	Preservative
CW-1	9.14.04	9,40	W	8-	_	×												<u>-</u> -	HCL
CW-2		7:40	1	1	1	1	$T^-$	1									<del>'</del>		HCL
CW-3		16:30			$\prod$														HCL
MW-D1		8:15			П	П													HCL
MW-D2		8:55	J.	4	V														HCL
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Collected by: Relinquished by:	MR Mr Re		Date/Time Date/Time	9.15	٧٥.		- <u> </u> - - -	Re	llect ceiv	ed b	y:	natu	ire:	— X	j!	ht Pen	Mentis	Date/Time	
Relinquished by: Method of Shipmen	<u></u>		_Date/Time				-		ceiv mple		-	lion	on F					Date/Time _	
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Total Volatile Hydrocarbons Location: 174672 Former DunnePaintFacility Lab #: Client: Clayton Group Services Prep: EPA 5030B EPA 8015B Project#: 70-03365.04 Analysis: Water Sampled: 09/14/04 Matrix: Units: ug/L Received: 09/15/04 1.000 Analyzed: 09/17/04 Diln Fac: Batch#: 94701

Field ID:

CW-1

Lab ID:

174672-001

Type:

SAMPLE

Analyta	Resul	<b>E</b>
Mineral Spirits C7-C12	ND	50

Surrogate		Limits
Trifluorotoluene (FID)	90	70-141
Bromofluorobenzene (FID)	99	80-143

Field ID:

CW-2

Lab ID:

174672-002

Type: SAMPLE

Analyte	Resu	lt Ri
Mineral Spirits C7-C	ND ND	50

Surrogate	%RE		
Trifluorotoluene (FID)	89	70-141	
Bromofluorobenzene (FID)	97	80-143	

Field ID:

CW-3

Lab ID:

174672-003

Type:

SAMPLE

Analyte	Result	PE
Mineral Spirits C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	88	70-141
Bromofluorobenzene (FID)	97	80-143

ND= Not Detected RL= Reporting Limit Page 1 of 2



Total Volatile Hydrocarbons

Location: Former DunnePaintFacility 174672 Lab #: Clayton Group Services Client: Prep: EPA 5030B 70-03365.04 Analysis: EPA 8015B Project#: 09/14/04 Sampled: Water Matrix: 09/15/04 Units: ug/L Received: 09/17/04 Diln Fac: Analyzed: 1.000 Batch#: 94701

Field ID:

MW-D1

Lab ID:

174672-004

Type:

SAMPLE

Analyte	Result	<b>RI</b>
Mineral Spirits C7-C12	ND	50

Surrogate	%REC	Limits	
Trifluorotoluene (FID)	89	70-141	
Bromofluorobenzene (FID)	_97	80-143	

Field ID:

MW-D2

Lab ID:

174672-005

Туре:

SAMPLE

	Anal	/to	Result	RL
Mineral	Snirits	C7-C12	CTM	50

Surrogate	%REC	Limita	
Trifluorotoluene (FID)	87	70-141	
Bromofluorobenzene (FID)	93	80-143	

Type:

BLANK

Lab ID:

QC265060

Analyte	Result	
Mineral Spirits C7-C12	ND	50

Surrogate	%RE	: Limita
Trifluorotoluene (FID)	86	70-141
Bromofluorobenzene (FID)	94	80-143

ND= Not Detected RL= Reporting Limit Page 2 of 2



	Total Volai	ile <b>Hyd</b> rocarbo	ms
Lab #:	174672	Location:	Former DunnePaintFacility
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC265062	Batch#:	94701
Matrix:	Water	Analyzed:	09/17/04
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits	
Gasoline C7-C12	2,000	2,186	109	80-120	
Surrogate	EREC Limits				980,2308.

Trifluorotoluene (FID) 113 70-141 Bromofluorobenzene (FID) 98 80-143	Surrogate	*REC	Minite
Bromofluorobenzene (FID) 98 80-143	Trifluorotoluene (FID)	113	70-141
	Bromofluorobenzene (FID)	98	80-143



	Total Volatil	e Hydrocarbons	
Lab #:	174672	Location:	Former DunnePaintFacility
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8015B
Field ID:	MW-D2	Batch#:	94701
MSS Lab ID:	174672-005	Sampled:	09/14/04
Matrix:	Water	Received:	09/15/04
Units:	ug/L	Analyzed:	09/17/04
Diln Fac:	1.000		

MS

Lab ID: QC265084

Analyte MS:	S Result	Spikad	Result	%REC	PERMIT S
Gasoline C7-C12	14.39	2,000	2,045	102	80-120

Surrogate	%REC	Limita
Trifluorotoluene (FID)	104	70-141
Bromofluorobenzene (FID)	98	80-143

Type:

MSD

Lab ID:

QC265085

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	2,087	104	80-120	2	20
			_			

Surrogate	*REC	Limits	
Trifluorotoluene (FID)	108	70-141	····
Bromofluorobenzene (FID)	101	80-143	



	Purgeable (	organics by GC/	MS
Lab #:	174672	Location:	Former DunnePaintFacility
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Field ID:	CW-1	Batch#:	94703
Lab ID:	174672-001	Sampled:	09/14/04
Matrix:	Water	Received:	09/15/04
Units:	ug/L	Analyzed:	09/17/04
Diln Fac:	1.000		

Freen 12			
Chloromethane	Analyte	Result	RE
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         5.0           Carbon Disulfide         ND         5.0           MTBE         ND         0.5           trans-1,2-Dichloroethene         ND         5.0           Vinyl Acetate         ND         5.0           1,1-Dichloroethane         ND         5.0           1,1-Dichloroethane         ND         5.0           2,2-Dichloroethane         ND         5.0           2,2-Dichloropropane         ND         5.0           Chloroform         ND         5.0           Bromochloromethane         ND         5.0           1,1-Dichloropropene         ND         5.0           Carbon Tetrachloride         ND         5.0           1,1-Dichloropropene         ND         5.0           Carbon Tetrachloropropene         ND <t< td=""><td></td><td><del></del></td><td></td></t<>		<del></del>	
Bromomethane   ND			
Chloroethane			
Trichlorofluoromethane ND 20 Acetone ND 20 Freen 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 5.0 2-Butanone ND 5.0 2-Butanone ND 5.0 2,2-Dichloroethene ND 5.0 2,2-Dichloropropane ND 5.0 Chloroform ND 5.0 Enonchloromethane ND 5.0 1,1-Trichloroethane ND 5.0 1,1-Trichloroethane ND 5.0 2,2-Dichloropropane ND 5.0 Chloroform ND 5.0 Enonchloromethane ND 5.0 1,2-Dichloropropane ND 5.0 1,2-Dichloroethane ND 5.0 1,2-Dichloropropane ND 5.0 1,3-Dichloropropane ND 5.0 1-Carbon Tetrachloropropane ND 5.0	L,		
Acetone ND 20 Freon 113 ND 5.0 Freon 113 ND 5.0 Methylene Chloride ND 20 Carbon Disulfide ND 0.5 MTBE ND 0.5 Winyl Acetate ND 5.0 Vinyl			
Freen 113	<b>r</b>		-
1,1-Dichloroethene			
Methylene Chloride         ND         20           Carbon Disulfide         ND         5.0           MTBE         ND         0.5           trans-1,2-Dichloroethene         ND         5.0           Vinyl Acetate         ND         5.0           1,1-Dichloroethane         ND         5.0           2-Butanone         ND         5.0           cis-1,2-Dichloroethene         ND         5.0           2,2-Dichloropropane         ND         5.0           Bromochloromethane         ND         5.0           Bromochloromethane         ND         5.0           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           Trichloropropane         ND         5.0           Bromodichloromethane         ND         5.0           1,2-Dichloropropane         ND         5.0           Bromodichloromethane         ND         5.0           1,2-Pentanone         ND         5.0           Toluene         ND		• • =	-
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-Dichloroethane         ND         5.0           Chloroform         ND         5.0           Chloroform         ND         5.0           Bromochloromethane         ND         10           1,1-Trichloroethane         ND         5.0           1,1-Dichloropropene         ND         5.0           Carbon Tetrachloride         ND         5.0           1,2-Dichloroethane         ND         5.0           Enzene         ND         5.0           Trichloroethene         ND         5.0           1,2-Dichloropropane         ND         5.0           Bromodichloromethane         ND         5.0           1,2-Dichloropropene         ND         5.0           4-Methyl-2-Pentanone         ND         5.0           cis-1,3-Dichloropropene         ND         5.0           Toluene         ND	•	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         5.0           Bromochloropropene         ND         5.0           1,1-Trichloroethane         ND         5.0           1,2-Dichloropropene         ND         5.0           1,2-Dichloropropene         ND         5.0           1,2-Dichloropropane         ND         5.0           Benzene         ND         5.0           Trichloroethene         ND         5.0           1,2-Dichloropropane         ND         5.0           Bromodichloromethane         ND         5.0           4-Methyl-2-Pentanone         ND         5.0           Toluene         ND         5.0           Toluene         ND         5.0           Toluene         ND         5.0 </td <td>•</td> <td>ND</td> <td>20</td>	•	ND	20
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           1,1-Dichloropropene         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           1,2-Dichloropropene         ND         5.0           2-Methyl-2-Pentanone         ND         5.0           3-Dichloropropene         ND         5.0           4-Methyl-2-Pentanone         ND         5.0           5-0         5.0           1-1,2-Trichloropropene         ND         <		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         5.0           1,1,1-Trichloroethane         ND         5.0           1,1,1-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           Bromodichloromethane         ND         5.0           4-Methyl-2-Pentanone         ND         5.0           Toluene         ND         5.0           trans-1,3-Dichloropropene         ND         5.0           Toluene         ND         5.0           trans-1,3-Dichloropropene         ND         5.0           1,1,2-Trichloroethane	MTBE	ND	0.5
1,1-Dichloroethane	trans-1,2-Dichloroethene	ND	5.0
2-Butanone	Vinyl Acetate	ND	50
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           promodichloromethane         ND         5.0           Dibromomethane         ND         5.0           4-Methyl-2-Pentanone         ND         5.0           Toluene         ND         5.0           trans-1,3-Dichloropropene         ND         5.0           trans-1,2-Trichloroethane         ND         5.0           2-Hexanone         ND         5.0           1,3-Dichloropropane         ND         5.0	1,1-Dichloroethane	ND	5.0
2,2-Dichloropropane	2-Butanone	ND	10
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	cis-1,2-Dichloroethene	ND	5.0
### Bromochloromethane	2,2-Dichloropropane	ND	5.0
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       5.0         1,3-Dichloropropane       ND       5.0	Chloroform	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	Bromochloromethane	ND	10
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 5.0  1,3-Dichloropropane ND 5.0  1,3-Dichloropropane ND 5.0  2-Hexanone ND 5.0	1,1,1-Trichloroethane	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 5.0  1,3-Dichloropropane ND 5.0  1,3-Dichloropropane ND 5.0  2-Hexanone ND 5.0	1,1-Dichloropropene	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		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	1,2-Dichloroethane	ND	0.5
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	Benzene	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	Trichloroethene	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			
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		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		ND	
cis-1,3-DichloropropeneND5.0TolueneND5.0trans-1,3-DichloropropeneND5.01,1,2-TrichloroethaneND5.02-HexanoneND101,3-DichloropropaneND5.0	4-Methvl-2-Pentanone	ND	
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	<del>-</del>		
trans-1,3-Dichloropropene ND 5.0  1,1,2-Trichloroethane ND 5.0  2-Hexanone ND 10  1,3-Dichloropropane ND 5.0			
1,1,2-TrichloroethaneND5.02-HexanoneND101,3-DichloropropaneND5.0			
2-Hexanone ND 10 1,3-Dichloropropane ND 5.0			
1,3-Dichloropropane ND 5.0			
		<del></del>	
	Tetrachloroethene	ND	5.0

D= Not Detected RL= Reporting Limit Page 1 of 2



Lab #:	174672	Location:	Former DunnePaintFacility
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Field ID:	CW-1	Batch#:	94703
Lab ID:	174672-001	Sampled:	09/14/04
Matrix:	Water	Received:	09/15/04
Units:	ug/L	Analyzed:	09/17/04
Diln Fac:	1.000		

Analyte	Result	<b>RL</b>
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	ИD	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	<b>N</b> D	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	105	80-120
1,2-Dichloroethane-d4	111	80-120
Toluene-d8	103	80-120
Bromofluorobenzene	109	80-122

TD= Not Detected RL= Reporting Limit Page 2 of 2



Project#: Field ID: CW-2 Batch#: 94703 Lab ID: 09/14/04 174672-002 Sampled: Matrix: Water Received: 09/15/04 Units: ug/L Analyzed: 09/17/04 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	ИD	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	MD	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

TD= Not Detected RL= Reporting Limit Page 1 of 2

Lab #: Client:



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Lab #:	174672	Location:	Former DunnePaintFacility
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Field ID:	CW-2	Batch#:	94703
Lab ID:	174672-002	Sampled:	09/14/04
Matrix:	Water	Received:	09/15/04
Units:	ug/L	Analyzed:	09/17/04
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	ИD	5.0
o-Xylene	ND	5.0
Styrene	ИИ	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	$\mathcal{M}D$	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	Dimits
Dibromofluoromethane	106	80-120
1,2-Dichloroethane-d4	110	80-120
Toluene-d8	101	80-120
Bromofluorobenzene	109	80-122

ND= Not Detected RL= Reporting Limit Page 2 of 2



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	Location:	Former DunnePaintFacility	1
roup Services	Prep:	EPA 5030B	1
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Client: Clayton Gro Project#: 70-03365.04 Analysis: EPA 8260B Field ID: CW-3 Batch#: 94703 Lab ID: Sampled: 09/14/04 174672-003 Matrix: Received: 09/15/04 Water Units: 09/17/04 ug/L Analyzed: 1.000 Diln Fac:

Analyte	Result	<b>At</b>
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	ИD	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 Page 1 of 2

Lab #:

174672



## Purgeable Organics by GC/MS

Lab #:	174672	Location:	Former DunnePaintFacility
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Field ID:	CW-3	Batch#:	94703
Lab ID:	174672-003	Sampled:	09/14/04
Matrix:	Water	Received:	09/15/04
Units:	ug/L	Analyzed:	09/17/04
Diln Fac:	1.000		

Analyte	Result	
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	0.5
Chlorobenzene	MD	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	MD	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	ΝD	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	*REC	Limits
Dibromofluoromethane	105	80-120
1,2-Dichloroethane-d4	111	80-120
Toluene-d8	102	80-120
Bromofluorobenzene	108	80-122

ND= Not Detected RL= Reporting Limit Page 2 of 2



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174672	Location:	Former DunnePaintFacility
Clayton Group Services	Prep:	EPA 5030B
70-03365.04	Analysis:	RPA 8260B

Project#: 70-03365.04 Field ID: MW-D1 Batch#: 94703 Lab ID: 174672-004 Sampled: 09/14/04 Matrix: Water Received: 09/15/04 Units: ug/L Analyzed: 09/17/04

Analyte	Result	<b>PL</b>
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	ИD	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ИD	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 Page 1 of 2

Lab #:

Client:

Diln Fac:

1.000



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Lab #:	174672	Location:	Former DunnePaintFacility
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Field ID:	MW-D1	Batch#:	94703
Lab ID:	174672-004	Sampled:	09/14/04
Matrix:	Water	Received:	09/15/04
Units:	ug/L	Analyzed:	09/17/04
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	106	80-120
1,2-Dichloroethane-d4	112	80-120
Toluene-d8	102	80-120
Bromofluorobenzene	109	80-122

ND= Not Detected RL= Reporting Limit Page 2 of 2



Purgeable U	rganies by G.	////5
174672	Location:	Former DunnePaintFacility
Clayton Group Services	Prep:	EPA 5030B
70-03365.04	Analysis:	EPA 8260B

Field ID: MW-D2 Batch#: 94703 Lab ID: 174672-005 Sampled: 09/14/04 Matrix: Water Received: 09/15/04 Units: ug/L Analyzed: 09/17/04

Diln Fac: 1.000

Lab #:

Client:

Project#:

Analyte	<u> </u>	
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ИD	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ИD	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	ИD	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	ИD	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	ИD	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND≈ Not Detected RL= Reporting Limit Page 1 of 2



Lab #:	174672	Location:	Former DunnePaintFacility
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Field ID:	MW-D2	Batch#:	94703
Lab ID:	174672-005	Sampled:	09/14/04
Matrix:	Water	Received:	09/15/04
Units:	ug/L	Analyzed:	09/17/04
Diln Fac:	1.000		

Analyte	Result	<b>RI</b> -
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	ИD	. 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	e 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	110	80-120
1,2-Dichloroethane-d4	114	80-120
Toluene-d8	102	80-120
Bromofluorobenzene	109	80-122

TD= Not Detected RL= Reporting Limit

Page 2 of 2



	Purgeable (	Organics by GC/	/MS
Lab #:	174672	Location:	Former DunnePaintFacility
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC265068	Batch#:	94703
Matrix:	Water	Analyzed:	09/17/04
Units:	uq/L		

Analyte 328888	Result	<b>RL</b>
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

D= Not Detected L= Reporting Limit Page 1 of 2



	Purgeable (	Organics by GC/	MS
Lab #:	174672	Location:	Former DunnePaintFacility
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC265068	Batch#:	94703
Matrix:	Water	Analyzed:	09/17/04
Units:	ug/L		

Analyte	Result	<b>R.L</b>
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	107	80-120	
-{	1,2-Dichloroethane-d4	111	80-120	
4	Toluene-d8	101	80-120	
	Bromofluorobenzene	109	80-122	

ND= Not Detected RL= Reporting Limit Page 2 of 2



### Purgeable Organics by GC/MS

Lab #:	174672	Location:	Former DunnePaintFacility
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	94703
Units:	ug/L	Analyzed:	09/17/04
Diln Fac:	1.000		

Type:

BŞ

Lab ID:

QC265065

Analyte	Spiked	Result	%REC	Limits	
1,1-Dichloroethene	25.00	23.38	94	75-120	
Benzene	25.00	25.59	102	79-120	ļ
Trichloroethene	25.00	25.67	103	79-120	
Toluene	25.00	26.80	107	80-120	}
Chlorobenzene	25.00	25.33	101	80-120	

Surrenta be	*****************	T-fm-f-g
Dibromofluoromethane	105	80-120
1,2-Dichloroethane-d4	110	80-120
Toluene-d8	104	80-120
Bromofluorobenzene	103	80-122

Type:

BSD

Lab ID:

QC265066

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	22.77	91	75-120	3	20
Benzene	25.00	24.70	99	79-120	4	20
Trichloroethene	25.00	24.75	99	79-120	4	20
Toluene	25.00	25.39	102	80-120	5	20
Chlorobenzene	25.00	24.84	99	80-120	2	20

Ţ	Surrogate	REC	Limita
_	Dibromofluoromethane	106	80-120
	1,2-Dichloroethane-d4	107	80-120
7	Toluene-d8	101	80-120
$\rfloor$	Bromofluorobenzene	104	80-122



	Gasoline Co	cygenates by GO	
Lab #:	174672	Location:	Former DunnePaintFacility
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Matrix:	Water	Sampled:	09/14/04
Units:	ug/L	Received:	09/15/04
Diln Fac:	1.000	Analyzed:	09/17/04
Batch#:	94703		

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

174672-001

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

Surrogate	*REC	Limits
Dibromofluoromethane	105	80-120
1,2-Dichloroethane-d4	111	80-120
Toluene-d8	103	80-120
Bromofluorobenzene	109	80-122

ield ID: Type: CW-2 SAMPLE Lab ID:

174672-002

Analyte	Result	
tert-Butyl Alcohol (TBA)	ND	10
MTBE	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethvl tert-Butvl 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	106	80-120
1,2-Dichloroethane-d4	110	80-120
1,2-Dichloroethane-d4 Toluene-d8	101	80-120
Bromofluorobenzene	109	80-122



	Gasoline O	cygenates by GC	/MS
Lab #:	174672	Location:	Former DunnePaintFacility
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	_ Analysis:	EPA 8260B
Matrix:	Water	Sampled:	09/14/04
Units:	ug/L	Received:	09/15/04
Diln Fac:	1.000	Analyzed:	09/17/04
Batch#:	94703	<del>-</del>	

Field ID: Type: CW-3 SAMPLE Lab ID:

174672-003

Analyte	Result	// // // // // // // // // // // // //
tert-Butyl Alcohol (TBA)	ND	10
MTBE	ND	0.5
Isopropyl Ether (DIPE)   Ethyl tert-Butyl Ether (ETBE)	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	105	80-120	
1,2-Dichloroethane-d4	111	80-120	
Toluene-d8	102	80-120	
Bromofluorobenzene _	108	80-122	

Field ID: Type:

MW-D1 SAMPLE Lab ID:

174672-004

_	Analyte	Result	Here $oldsymbol{R}$ is the $oldsymbol{R}$ in the $oldsymbol{R}$	340,000
	tert-Butyl Alcohol (TBA)	ND	10	7
	MTBE	ND	0.5	i
٦	Isopropyl Ether (DIPE)	ND	0.5	
-1	Ethyl tert-Butyl Ether	(ETBE) ND	0.5	- 1
	Methyl tert-Amyl Ether	(TAME) ND	0.5	
	1,2-Dichloroethane 1,2-Dibromoethane	ND	0.5	Í
Ę	1,2-Dibromoethane	ND ND	0.5	

Surrogate	*REC	Limits	
Dibromofluoromethane	106	80-120	
1,2-Dichloroethane-d4	112	80-120	
Toluene-d8	102	80-120	
Bromofluorobenzene	109	80-122	



Gasoline Oxygenates by GC/MS Former DunnePaintFacility EPA 5030B 174672 Lab #: Location: Client: Clayton Group Services 70-03365.04 Prep: Analysis: Sampled: EPA 8260B 09/14/04 09/15/04 09/17/04 Project#: Matrix: Water ug/L 1.000 Units: Received: Diln Fac: Analyzed: Batch#: 94703

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

174672-005

	Res	of the second
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

	*REC	
Dibromofluoromethane	110	80-120
1,2-Dichloroethane-d4	114	80-120
Toluene-d8	102	80-120
Bromofluorobenzene	109	80-122

Type:

BLANK

Lab ID:

QC265067

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

Surrogate	*REC	Limits	
Dibromofluoromethane	103	80-120	
1,2-Dichloroethane-d4	107	80-120	
Toluene-d8	101	80-120	
Bromofluorobenzene	112	80-122	

Cype:

BLANK

Lab ID:

QC265068

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

Surrogate	%REC	Limits	
Dibromofluoromethane	107	80-120	
1,2-Dichloroethane-d4	111	80-120	
Toluene-d8	101	80-120	ţ
Bromofluorobenzene	109	_80-122	

ND= Not Detected RL= Reporting Limit Page 3 of 3



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Lab #:	174672	Location:	Former DunnePaintFacility
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA_8260B
Matrix:	Water	Batch#:	94703
Units:	ug/L	Analyzed:	09/17/04
Diln Fac:	1.000		

Type:

BS

Lab ID:

QC265065

Analyte	Spiked	Result	*REC	Limits
tert-Butyl Alcohol (TBA)	125.0	122.2	98	74-135
MTBE	50.00	51.38	103	74-128
Isopropyl Ether (DIPE)	25.00	25.91	104	80-120
Ethyl tert-Butyl Ether (ETBE)	25.00	25.01	100	80-120
Methyl tert-Amyl Ether (TAME)	25.00	23.80	95	80-120_

			Trend'n
Surrogate	*REC	Limits	
Dibromofluoromethane	105	80-120	$\neg$
1,2-Dichloroethane-d4	110	80-120	1
Toluene-d8	104	80-120	ł
Bromofluorobenzene	103	80-122	

ype:

BSD

Lab ID:

QC265066

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	125.0	116.8	93	74-135	4	25
MTBE	50.00	50.99	102	74-128	1	20
Isopropyl Ether (DIPE)	25.00	25.36	101	80-120	2	20
Ethyl tert-Butyl Ether (ETBE)	25.00	25.05	100	80-120	0	20
Methyl tert-Amyl Ether (TAME)	25.00	23.46	94	80-120	1	20

Surrogate	%REC	Linits
Dibromofluoromethane	106	80-120
1,2-Dichloroethane-d4	107	80-120
Toluene-d8	101	80-120
Bromofluorobenzene	104	80-122