SEMS-RM DOCID # 100025703

THE
REYNOLDS GROUP
a California corporation

March 14, 2008
(TRG No. 7115)

Mr. Luis Lodrigueza
ORANGE COUNTY HEALTH CARE AGENCY
ENVIRONMENTAL HEALTH
1241 E. Dyer Road Suite 120
Santa Ana, CA 92705-5611

SITE: **FULLERTON BUSINESS PARK NORTH**
(FORMER OCHCA #94IC29)
1551 EAST ORANGETHORPE AVENUE
FULLERTON, CALIFORNIA

SUBJECT: **SOIL VAPOR SURVEY AND ADDITIONAL VAPOR WELL INSTALLATION REPORT**

Dear Mr. Lodrigueza:

This report summarizes recent work completed at the subject Site as envisioned by The Reynolds Group (TRG) in the "Workplan for Additional Soil Vapor Assessment, Vapor Well Installation, and Commencement of Soil Extraction" dated October 5, 2007, and approved by the Orange County Health Care Agency (OCHCA) in a letter dated October 11, 2007 (see Attachment A).

SUMMARY OF RECENT WORK

Work between October 2007 and January 2008 was summarized in an e-mail to you dated January 21, 2008 (see Attachment B). To reiterate, TRG had installed 12 temporary soil vapor probes, six vapor extraction wells, and four passive wells. A Soil Vapor Extraction (SVE) unit was delivered, mobilized, and the system started in early January 2008. On January 21, 2008, the Radius of Influence (ROI) was measured from well screens at 5, 15 and 25 ft below ground surface (ft bgs) with an influence of 0, 55, and 65 radial feet, respectively.

This report summarizes field activities performed in February 2008, including further soil vapor sampling and the installation of eight additional vapor extraction wells (VEWs). To date, the full scope of work proposed in the October 2007 workplan has been completed.

FEBRUARY 2008 FIELD ACTIVITIES

Soil Vapor Sampling

On February 22, 2008, TRG directed Optimal Technologies of Chatsworth, California, to collect 14 soil vapor samples from eight temporary soil probes (SV26, SV27, SV29 – SV33 and VEW6). The soil vapor samples were collected with an electric vacuum pump. Three point calibration, leak testing, equipment blanks, and tracer gas leak testing were all included in these field activities. Based on previous fieldwork at the Site, seven purge volumes produced the

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highest vapor sample concentrations and, thus, this purge volume was applied to this February 2008 sampling event.

TRG conducted this additional vapor sampling to determine the effectiveness of the SVE system. The October 2007 and February 2008 vapor sample results with corresponding PCE and TCE concentrations are summarized in the following table and the full laboratory report is provided as Attachment C of this report.

Sample Location	Date	Depth (ft)	PCE (ug/L)	TCE(ug/L)
SV26	10/10/07	15	11.0	2.0*
	2/18/08		2.2	1.1*
SV27	10/10/07	5	66.0	50.0
	2/18/08		5.1	3.1*
	10/10/07	15	74.0	68.0
	2/18/08		10.0	2.5*
SV29	10/10/07	5	23.0	5.2*
	2/18/08		9.6	1.6*
	10/10/07	15	21.0	6.3*
	2/18/08		13.3	2.9*
SV30	10/9/07	5	53.0	71.0
	2/18/08		14.4	15.7*
	10/9/07	15	4.8	2.8*
	2/18/08		21.7	26.6
SV31	10/9/07	5	1.5	2.0*
	2/18/08		Refusal	
	10/9/07	15	16.0	44.0
	2/18/08		11.9	23.4
SV32	10/9/07	5	11	38
	2/18/08		2.0	7.2*
	10/9/07	15	11	32
	2/18/08		2.3	12.4*
SV33	10/9/07	5	25	47
	2/18/08		1.0	<5.0*
	10/9/08	15	54	90
	2/18/08		6.7	15.9*
VEW6	10/18/07	5	3.7	3.1*
	2/18/08		7.3	14.6*
	10/18/07	15	110	110
	2/18/08		8.2	12.4*

Notes: * - locations below the site specific clean up levels (PCE = 0.603 and TCE = 17.7)

Vapor Well Installation

The initial vapor extraction well (VEW) locations in the October 2007 Workplan were proposed according to the ROI measured at 25 radial feet during the last remediation in the 1990s. Based on the 55 foot ROI measured by TRG in January 2008 and the decrease in concentrations between the October 2007 and February 2008 vapor sampling events, TRG adjusted locations of the proposed VEWs by increasing the lateral distance between wells as still provide ample vapor extraction coverage in the area of impact (see Figure 2 – Plot Plan with Well Locations).

On February 25 and 27, 2008, TRG advanced eight soil borings using a limited access rig, three to 25 ft bgs and five to 15 ft bgs. All borings were converted into additional soil vapor extraction wells at the Site (VEW7, VEW8, VEW10, VEW11, and VEW13 through VEW16) as shown on the attached Figure 2 – "Plot Plan with Well Locations." The additional wells were installed to complete the scope of work proposed in the October 2007 Workplan and with the intent of capturing the remaining areas under the warehouse potentially impacted by chlorinated solvent vapors. Since vapor intrusion is the primary concern at the Site, and because of the poor correlations between soil matrix data and soil vapor data, no soil samples were collected during the February 2008 work.

A drilling rig equipped with 8-inch hollow stem augers was used to advance the soil borings to 15 or 25 ft bgs. Five of the borings were converted into shallow vapor extraction wells, screened from 2 to 5 and 12 to 15 feet. The remaining three borings were converted into deeper vapor wells, screened from 2 to 5, 12 to 15, and 22 to 25 feet. Each well was constructed with 2-inch diameter schedule 40 PVC piping.

All field wastes were containerized and disposed. A manifest for the disposal of soil is attached to this report.

The new wells were tied into the soil vapor extraction system between February 28 and March 4, 2008. Construction activities included an additional manifold, the installation of sampling ports at each well, and the suspension of PVC from the warehouse ceiling to the SVE system.

PROJECT STATUS

TRG plans to operate the soil vapor extraction system until vapor concentrations have declined sufficiently for your re-issue of a "no further action" letter.

REGISTERED PROFESSIONAL STATEMENT

All work on this project was performed under the responsible charge of a California Registered Civil Engineer. The licensed professional whose wet ink signature and seal appear at the end of this report supervised and conducted all work associated with the project.

Should you have any questions regarding this report, please do not hesitate to contact Christa Wolfe at (714)920-7772. Thank you for your oversight of this work. Please come to the Site anytime to visit us and personally see the case.

Sincerely,
THE REYNOLDS GROUP
a California corporation by:

F. Edward Reynolds, Jr.
California Registered Civil Engineer #

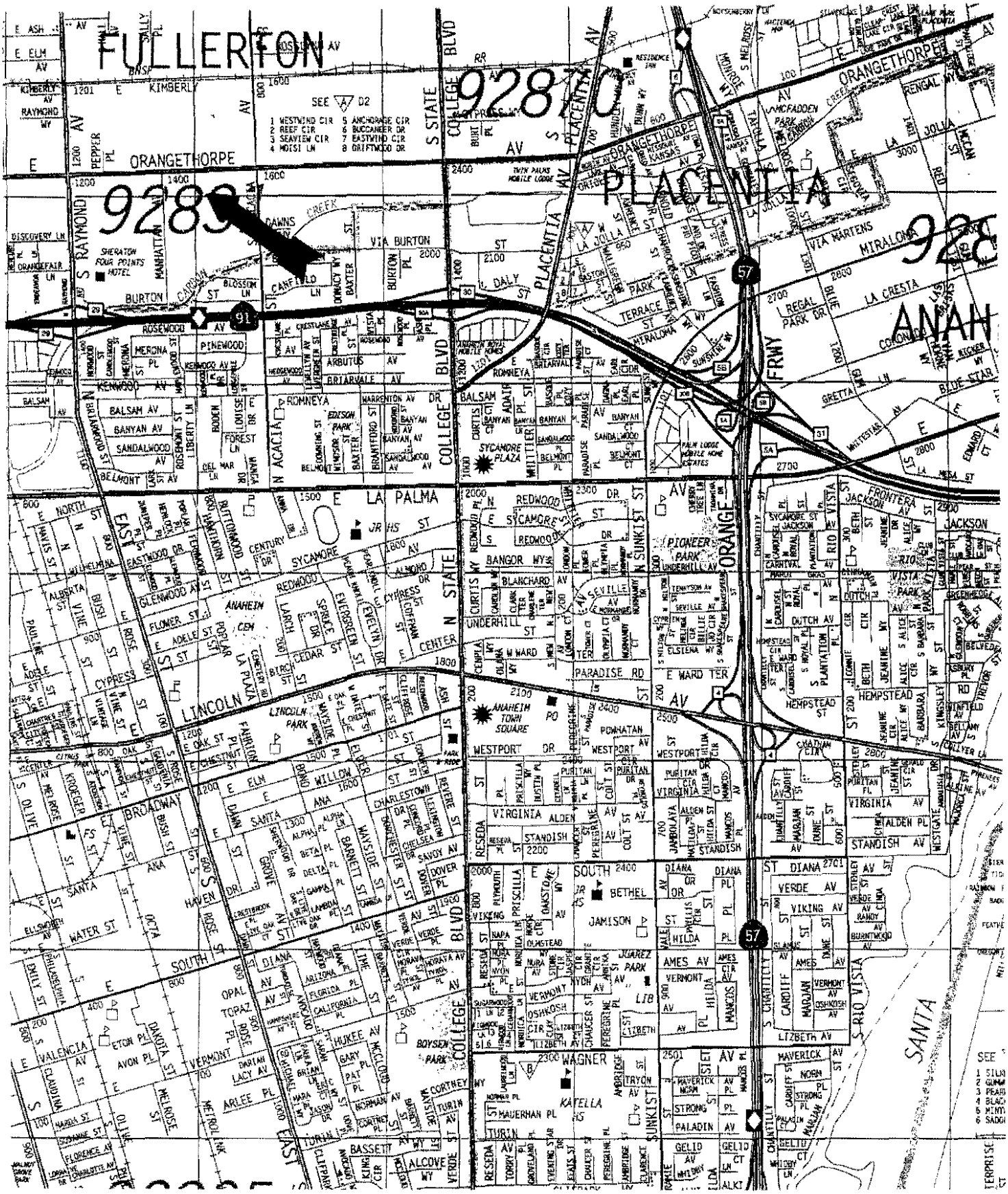
Christa Wolfe
Project Manager

Attachments:

Figure 1 –	Site Location Map
Figure 2 –	Plot Plan with Well Locations
Attachment A	OCHCA Workplan Approval Letter dated October 11, 2007
Attachment B	January 2008 E-Mail to OCHCA Summarizing Oct. to Jan. 2008 Work
Attachment C	Laboratory Analytical Results (October 2007 and February 2008)

cc: Dominick Baione, **UNIVERSAL MOLDING EXTRUSION COMPANY c/o**
James McFadden, **GRUBB & ELLIS**

FIGURES



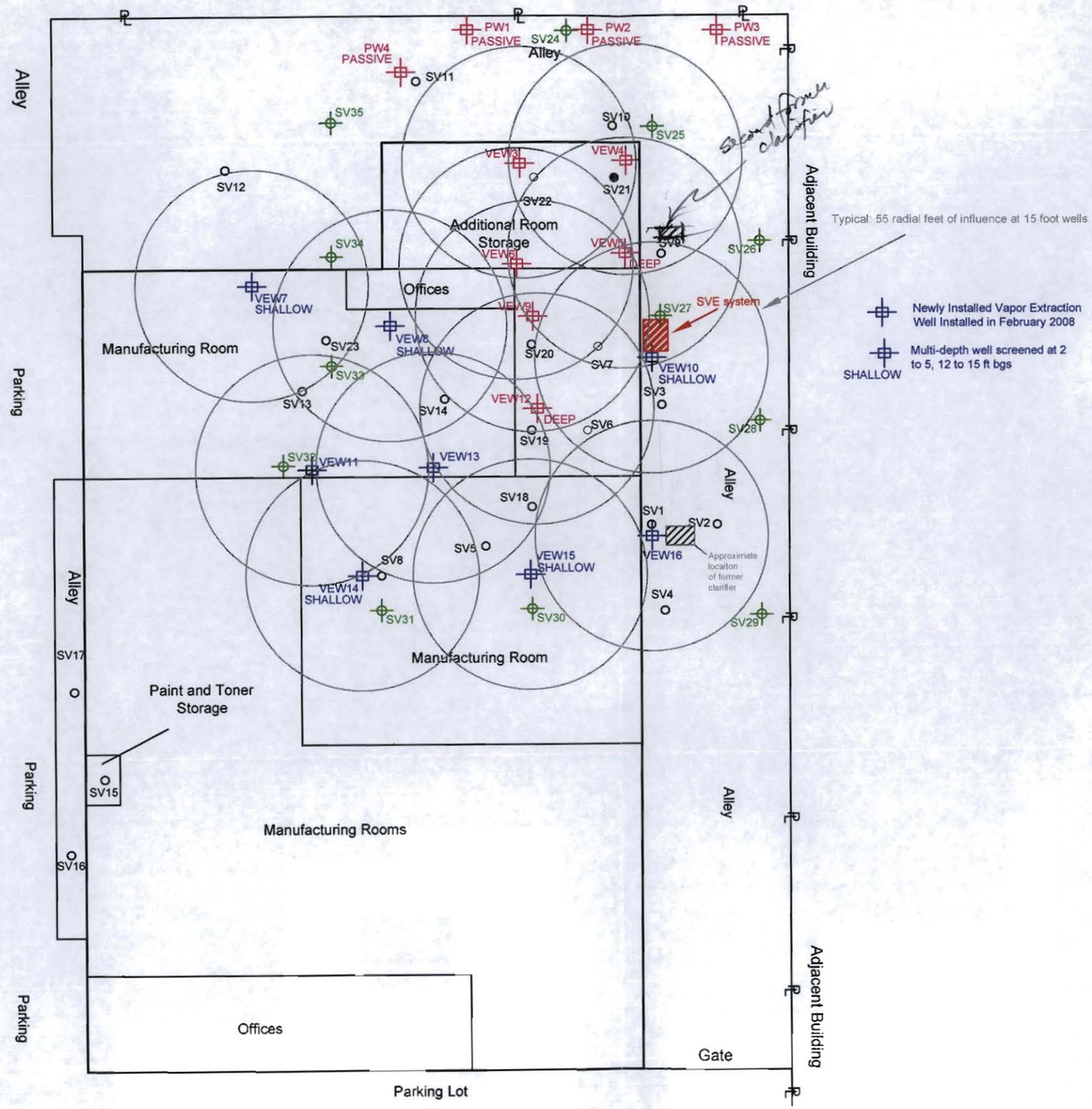
Adapted from Orange County
Thomas Brothers Map Guide 2006

N

REYNOLDS GROUP ENVIRONMENTAL SERVICES

Project No. 7115	SITE LOCATION MAP
Date: March 2007	
1551 E. Orangethorpe Fullerton, CA	FIGURE 1

Former Johnson Controls
(Active Remediation Area)



NORTH

General Notes

- Vapor Extraction Well Location (Multi-depth well screened at 2 to 5, 12 to 15, and 22 to 25 ft bgs)
- DEEP Vapor Extraciton Well Locaiton (Multi-depth well screened at 2 to 5, 12 to 15, 22 to 25, 45 to 60 ft bgs)
- PASSIVE Passive Vapor Well Locaiton (Multi-depth well screened at 2 to 5, 12 to 15, 22 to 25, 45 to 60 ft bgs)
- Soil Vapor Probe Location
- Soil Gas Locaiton
- Soil Gas Location with no recovery

Note: TYP = typical

Project Details

Name
Universal Fullerton

Address
1551 E. Orangethorpe Ave.
Fullerton, CA

Number
7115

Figure Details

SITE PLOT PLAN WITH WELL LOCATIONS

Figure # Figure 2

Revise Date March 7, 2008

0' 60' Approximate Scale

Scale 1" = 60'

Company Information

Address
520 West 1st Street
Tustin, CA 92780

Telephone
(714) 730-5397

Fax
(714) 730-6476

THE REYNOLDS GROUP
ENVIRONMENTAL SERVICES

ATTACHMENT A

OCHCA WORKPLAN APPROVAL LETTER
DATED OCTOBER 11, 2007

JC

RECEIVED
OCT 17 2007
CF

COUNTY OF ORANGE
HEALTH CARE AGENCY

PUBLIC HEALTH SERVICES
ENVIRONMENTAL HEALTH

JULIETTE A. POULSON, RN, MN
DIRECTOR

DAVID M. SOULELES, MPH
DEPUTY AGENCY DIRECTOR

RICHARD SANCHEZ, REHS, MPH
INTERIM DIRECTOR
ENVIRONMENTAL HEALTH

MAILING ADDRESS:
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TELEPHONE: (714) 433-6000
FAX: (714) 754-1732
E-MAIL: ehealth@ochca.com

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20071011 OCHCA WP For Added Assessment
SVE. 7115

October 11, 2007

Dominick Baione
Universal Molding Extrusion Company
9151 East Imperial Highway
Downey, CA 90242

Subject: **Work Plan for Additional Assessment, Soil Vapor Extraction**

Re: Fullerton Business Park-North
1551 Orangethorpe Avenue
Fullerton, CA 92833
OCHCA Case #07IC015

Dear Mr. Baione:

Orange County Health Care Agency (OCHCA), Environmental Health has reviewed the subject work plan, dated October 5, 2007, submitted by The Reynolds Group. OCHCA finds the work plan to be acceptable, provided the following considerations are addressed:

1. The soil permeability and radius of influence cited from another consultant must be independently verified, and the soil vapor extraction system design modified accordingly.
2. Final verification of the successful completion of remedial action must be conducted in the presence of OCHCA staff.

If you have any questions regarding this matter, please contact the undersigned at (714) 433-6253.

Sincerely,

Luis Lodrigueza
Hazardous Waste Specialist
Hazardous Materials Mitigation Section
Environmental Health Division

PROJ# 7115 Name Universal
C. P. R.
OC JC DZ ER RT AL

cc: Kamron Saremi, California Regional Water Quality Control Board- Santa Ana Region
John Cleary, The Reynolds Group, 520 West First Street, Tustin, CA 92780
James R. McFadden, Grubb & Ellis, 500 North State College Suite 100, Orange, CA 92868
John C. Glaser, Glaser, Tonsich & Associates, LLC, 765 West 9th Street, San Pedro, CA 90731

ATTACHEMENT B

JANUARY 2008 E-MAIL TO OCHCA SUMMARIZING OCTOBER TO JANUARY 2008 WORK

Subject :
Date : Mon, 21 Jan 2008 15:56:00 -0700
Linked to: Luis Lodrigueza (Dominick Baione)
From : Christa Wolfe <wolfe@reynolds-group.com>
To : Luis Lodrigueza <llodrigueza@ochca.com>
Cc : Dominick Baione <unianimex@aol.com>; James R. McFadden <jim.mcfadden@grubb-ellis.com>

Dear Mr. Lodrigueza,

The Reynolds Group (TRG) would like to thank you for your supervision of the remediation activities at 1551 E. Orangethorpe Ave Fullerton. Our last correspondence with you occurred in October 2007 with the receipt of your approval letter for the "Workplan for Additional Assessment, Soil Vapor Extraction" dated October 11, 2007. We would like to update you on the actives at the property since our last correspondence.

In accordance with the approved workplan, TRG installed twelve (12) temporary soil vapor probes and six (6) of the sixteen proposed vapor wells. Four passive wells open to the atmosphere were also advanced to prevent the migration of vapors from the adjacent property previously owned by Johnson Controls (see the attached Site Plot Plan). We delivered and mobilized a Soil Vapor Extraction (SVE) system with a various locations permit on January 4th 2008. All four (4) triple-nested and both quad-nested Vapor Extraction Wells (VEW) are open to the system and moving vapors from the zone of highest contaminations between 5 and 25 ft below ground surface (bgs). The deep VEWs set at 60 ft bgs are not open to the system as the bulk of the vacuum is applied to the shallow zone with purpose of expediting the time to achieve lower levels.

TRG collected data for the Radius Of Influence (ROI) on January 21, 2008. The ROI at 15 and 25 ft below ground surface is 55 and 65 radial feet, respectively (see the attached Cross Section).
In March 2008 the second round of soil vapor sampling will be conducted to quantify the progress of the remediation activities. Please call us at anytime to see the site.

Best Regards,

Christa Wolfe
with The Reynolds Group
714-920-7772

ATTACHMENT C

LABORATORY ANALYTICAL REPORTS (OCTOBER 2007 AND FEBRUARY 2008)

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February 21, 2008

Ms. Christa Wolfe
The Reynolds Group
520 W. 1st St.
Tustin, CA 92780

Dear Ms. Wolfe:

This letter presents the results of the soil vapor investigation conducted by Optimal Technology (Optimal), for The Reynolds Group on February 18, 2008. The study was performed at 1551 E. Orangethorpe Avenue, Fullerton, California.

Optimal was contracted to perform a soil vapor survey at this site to screen for possible chlorinated solvents and aromatic hydrocarbons. The primary objective of this soil vapor investigation was to determine if soil vapor contamination is present in the subsurface soil.

Gas Sampling Method

Gas sampling was performed by attaching an electric vacuum pump (able to draw 0.1-5.0 liters/min of soil vapor at a maximum vacuum of 100" of water) to the existing vapor well and purged prior to sample collection. Vapor samples were obtained in Hamilton gas-tight syringes by puncturing silicone tubing which connects the sampling well and the vacuum pump. New silicone tubing was used at each sampling point to prevent cross contamination. Samples were immediately injected into the gas chromatograph after collection.

All analyses were performed on a laboratory grade Hewlett Packard model 5890 Series II gas chromatograph equipped with a Hewlett Packard model 5971 Mass Spectra Detector. An SGE capillary column using helium as the carrier gas was used to perform all analysis. All results were collected on a personal computer utilizing Hewlett Packard's 5971 MS and chromatographic data collection and handling system.

Quality Assurance

3-Point Calibration
An initial 3-point calibration was performed on February 18, 2008 by preparing a calibration solution from a pre-mixed standard supplied by Supelco, Inc. The standard contained common halogenated solvents and aromatic hydrocarbons (see Table 1). The individual compound concentrations in the standards ranged between 0.025 nanograms per microliter(ng/ul) and 0.25 ng/ul.

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The initial three point calibrations consisted of 100, 250 and 500 ul injections of the calibration solutions. A calibration factor on each analyte was generated using a best fit line method using the HP data system. If the r^2 factor generated from this line was not greater than 0.990, an additional three point calibration would have been performed. Method detection limits were calculated to be 1.0 micrograms per Liter (ug/L) for the individual compounds.

TABLE 1

Dichlorodifluoromethane	Carbon Tetrachloride	Chloroethane
Trichlorofluoromethane	1,2-Dichloroethane	Benzene
1,1-Dichloroethene	Trichloroethene	Toluene
Methylene Chloride	1,1,2-Trichloroethane	Ethylbenzene
trans-1,2-Dichloroethene	Tetrachloroethene	m-/p-Xylene
1,1-Dichloroethane	Chloroform	o-Xylene
cis-1,2-Dichloroethene	1,1,1,2-Tetrachloroethane	Vinyl Chloride
1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	Freon 113
4-Methyl-2-Pentanone	Cyclohexane	Acetone
Chlorobenzene	2-Butanone	Isobutane

Sample Replicates
A replicate analysis (duplicate) was run to evaluate the reproducibility of the sampling system and instrument. The difference between samples did not vary more than 20%.

Equipment Blanks
Blanks were run at the beginning of each workday and after calibrations. The blanks were collected using an ambient air sample. These blanks checked the septum, syringe, GC column, GC detector and the ambient air. Contamination was not found in any of the blanks analyzed during this investigation. Blank results are given along with the sample results.

Tracer Gas
A tracer gas was applied to the soil gas well at each point of connection in which ambient air could enter the sampling system. These points include the top of the sampling well where the tubing meets the well connection and the surface bentonite seals. Isobutane was used as the tracer gas, found in common shaving cream. No Isobutane was found in any of the samples collected.

Scope of Work

To achieve the objective of this investigation a total of 15 vapor samples were collected from 10 locations throughout the site. Sampling depths, vacuum readings, purge volume and sampling volumes are given on the analytical results page. All the collected vapor samples were analyzed on-site using Optimal's mobile laboratory.

Results

During this vapor investigation all samples contained levels of Tetrachloroethene (PCE). PCE levels ranged from 1.0 ug/L at SV-33-5' to 21.7 ug/L at SV-30-15'. Fourteen samples contained levels of Trichloroethene (TCE). TCE levels ranged from 1.1 ug/L at SV-26-15' to 26.6 ug/L at SV-30-15'. Four samples contained levels of 1,1-Dichloroethene. 1,1-Dichloroethene levels ranged from 6.5 ug/L at SV-30-15' to 10.3 ug/L at SV-32-15'. Eight samples contained levels of 1,1,1-Trichloroethane (TCA). TCA levels ranged from 1.2 ug/L at SV-32-5' to 23.0 ug/L at SV-30-15'. Additionally, SV-31-15' contained 3.4 ug/L of Freon 113. Finally, six well samples were not collected or tested because the wells had high vacuum. No airflow was attained. None of the other compounds listed in Table 1 above were detected above the listed detection limits. A complete table of analytical results is included with this report.

Disclaimer

All conclusions presented in this letter are based solely on the information collected by the soil vapor survey conducted by Optimal Technology. Soil vapor testing is only a subsurface screening tool and does not represent actual contaminant concentrations in either the soil and/or groundwater. We enjoyed working with you on this project and look forward to future projects. If you have any questions please contact me at (877) 764-5427.

Sincerely,

Jason Anderson
Project Manager

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SOIL VAPOR RESULTS

Site Name: 1551 E. Orangethorpe Ave., Fullerton, CA
Analyst J.A.
Collector: J.A.

Lab Name: Optimal Technology
Inst. ID: HP-5890 Series II
Detectors: HP-5971 Mass Spectrometer

Date: 2/18/08

SAMPLE ID	BLANK-1	SV-29-5'	SV-29-15'	SV-25-5'	SV-25-15'	SV-27-5'	SV-27-15'	VEW-6-5'
Sampling Depth (Ft.)	N/A	5.0	15.0	5.0	15.0	5.0	15.0	5.0
Purge Volume (ml)	N/A	337	1,013	N/A	N/A	337	1,013	22,000
Vacuum (in. of Water)	N/A	0	0	> 100	> 100	0	0	0
Injection Volume (ul)	1000	1000	1000	N/A	N/A	1000	1000	1000
Dilution Factor	1	1	1	N/A	N/A	1	1	1

COMPOUND	DET. LIMIT	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)
Dichlorodifluoromethane	1.0	ND	ND	ND	N/A	N/A	ND	ND	ND
Chloroethane	1.0	ND	ND	ND	N/A	N/A	ND	ND	ND
Trichlorofluoromethane	1.0	ND	ND	ND	N/A	N/A	ND	ND	ND
Freon 113	1.0	ND	ND	ND	N/A	N/A	ND	ND	ND
Methylene Chloride	1.0	ND	ND	ND	N/A	N/A	ND	ND	ND
1,1-Dichloroethane	1.0	ND	ND	ND	N/A	N/A	ND	ND	ND
Chloroform	1.0	ND	ND	ND	N/A	N/A	ND	ND	ND
1,1,1-Trichloroethane	1.0	ND	ND	ND	N/A	N/A	ND	ND	**1.3**
Carbon Tetrachloride	1.0	ND	ND	ND	N/A	N/A	ND	ND	ND
1,2-Dichloroethane	1.0	ND	ND	ND	N/A	N/A	ND	ND	ND
Trichloroethene (TCE)	1.0	ND	**1.6**	**2.9**	N/A	N/A	**3.1**	**2.5**	**14.6**
1,1,2-Trichloroethane	1.0	ND	ND	ND	N/A	N/A	ND	ND	ND
Tetrachloroethene (PCE)	1.0	ND	**9.6**	**13.3**	N/A	N/A	**5.1**	**10.0**	**7.3**
1,1,1,2-Tetrachloroethane	1.0	ND	ND	ND	N/A	N/A	ND	ND	ND
1,1,2,2-Tetrachloroethane	1.0	ND	ND	ND	N/A	N/A	ND	ND	ND
Vinyl Chloride	1.0	ND	ND	ND	N/A	N/A	ND	ND	ND
Acetone	1.0	ND	ND	ND	N/A	N/A	ND	ND	ND
1,1-Dichloroethene	1.0	ND	ND	ND	N/A	N/A	ND	ND	ND
trans-1,2-Dichloroethene	1.0	ND	ND	ND	N/A	N/A	ND	ND	ND
2-Butanone (MEK)	1.0	ND	ND	ND	N/A	N/A	ND	ND	ND
cis-1,2-Dichloroethene	1.0	ND	ND	ND	N/A	N/A	ND	ND	ND
Cyclohexane	1.0	ND	ND	ND	N/A	N/A	ND	ND	ND
Benzene	1.0	ND	ND	ND	N/A	N/A	ND	ND	ND
4-Methyl-2-Pentanone	1.0	ND	ND	ND	N/A	N/A	ND	ND	ND
Toluene	1.0	ND	ND	ND	N/A	N/A	ND	ND	ND
Chlorobenzene	1.0	ND	ND	ND	N/A	N/A	ND	ND	ND
Ethylbenzene	1.0	ND	ND	ND	N/A	N/A	ND	ND	ND
m/p-Xylene	1.0	ND	ND	ND	N/A	N/A	ND	ND	ND
o-Xylene	1.0	ND	ND	ND	N/A	N/A	ND	ND	ND
Isobutane (Tracer Gas)	1.0	ND	ND	ND	N/A	N/A	ND	ND	ND

Note: ND = Below Listed Detection Limit; N/A = No Sample Taken Due To High Vacuum

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SOIL VAPOR RESULTS

Site Name: 1551 E. Orangethorpe Ave., Fullerton, CA
Analyst J.A.
Collector: J.A.

Lab Name: Optimal Technology
Inst. ID: HP-5890 Series II
Detectors: HP-5971 Mass Spectrometer

Date: 2/18/08

SAMPLE ID	VEW-6-15'	SV-30-5'	SV-30-15'	SV-32-5'	SV-32-15'	SV-32-15' Dup	SV-33-5'	SV-33-15'
Sampling Depth (Ft.)	15.0	5.0	15.0	5.0	15.0	15.0	5.0	15.0
Purge Volume (ml)	65,000	337	1,013	337	1,013	1,013	337	1,013
Vacuum (in. of Water)	0	0	0	0	0	0	0	0
Injection Volume (ul)	1000	1000	1000	1000	1000	1000	1000	1000
Dilution Factor	1	1	1	1	1	1	1	1

COMPOUND	DET. LIMIT	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)
Dichlorodifluoromethane	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Freon 113	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	1.0	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	1.0	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	1.0	**2.3**	**8.7**	**23.0**	**1.2**	**1.3**	**1.4**	ND	ND
Carbon Tetrachloride	1.0	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene (TCE)	1.0	**12.4**	**15.7**	**26.6**	**7.2**	**10.5**	**12.4**	ND	**15.9**
1,1,2-Trichloroethane	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)	1.0	**8.2**	**14.4**	**21.7**	**2.0**	**2.3**	**2.3**	**1.0**	**6.7**
1,1,1,2-Tetrachloroethane	1.0	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	1.0	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	1.0	ND	ND	**6.5**	ND	**9.4**	**10.3**	ND	ND
trans-1,2-Dichloroethene	1.0	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	1.0	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1.0	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	1.0	ND	ND	ND	ND	ND	ND	ND	ND
m/p-Xylene	1.0	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane (Tracer Gas)	1.0	ND	ND	ND	ND	ND	ND	ND	ND

Note: ND = Below Listed Detection Limit

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OPTIMAL TECHNOLOGY
Specializing in Environmental Field Services

SOIL VAPOR RESULTS

Site Name: 1551 E. Orangethorpe Ave., Fullerton, CA
Analyst J.A.
Collector: J.A.

Lab Name: Optimal Technology
Inst. ID: HP-5890 Series II
Detectors: HP-5971 Mass Spectrometer

Date: 2/18/08

SAMPLE ID	SV-24-5'	SV-24-15'	SV-26-5'	SV-26-15'	SV-31-5'	SV-31-15'		
Sampling Depth (Ft.)	5.0	15.0	5.0	15.0	5.0	15.0		
Purge Volume (ml)	N/A	N/A	N/A	1,013	N/A	1,013		
Vacuum (in. of Water)	> 100	> 100	> 100	30	> 100	0		
Injection Volume (ul)	N/A	N/A	N/A	1000	N/A	1000		
Dilution Factor	N/A	N/A	N/A	1	N/A	1		

COMPOUND	DET. LIMIT	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)		
Dichlorodifluoromethane	1.0	N/A	N/A	N/A	ND	N/A	ND		
Chloroethane	1.0	N/A	N/A	N/A	ND	N/A	ND		
Trichlorofluoromethane	1.0	N/A	N/A	N/A	ND	N/A	ND		
Freon 113	1.0	N/A	N/A	N/A	ND	N/A	**3.4**		
Methylene Chloride	1.0	N/A	N/A	N/A	ND	N/A	ND		
1,1-Dichloroethane	1.0	N/A	N/A	N/A	ND	N/A	ND		
Chloroform	1.0	N/A	N/A	N/A	ND	N/A	ND		
1,1,1-Trichloroethane	1.0	N/A	N/A	N/A	ND	N/A	**19.3**		
Carbon Tetrachloride	1.0	N/A	N/A	N/A	ND	N/A	ND		
1,2-Dichloroethane	1.0	N/A	N/A	N/A	ND	N/A	ND		
Trichloroethene (TCE)	1.0	N/A	N/A	N/A	**1.1**	N/A	**23.4**		
1,1,2-Trichloroethane	1.0	N/A	N/A	N/A	ND	N/A	ND		
Tetrachloroethene (PCE)	1.0	N/A	N/A	N/A	**2.2**	N/A	**11.9**		
1,1,1,2-Tetrachloroethane	1.0	N/A	N/A	N/A	ND	N/A	ND		
1,1,2,2-Tetrachloroethane	1.0	N/A	N/A	N/A	ND	N/A	ND		
Vinyl Chloride	1.0	N/A	N/A	N/A	ND	N/A	ND		
Acetone	1.0	N/A	N/A	N/A	ND	N/A	ND		
1,1-Dichloroethene	1.0	N/A	N/A	N/A	ND	N/A	**9.0**		
trans-1,2-Dichloroethene	1.0	N/A	N/A	N/A	ND	N/A	ND		
2-Butanone (MEK)	1.0	N/A	N/A	N/A	ND	N/A	ND		
cis-1,2-Dichloroethene	1.0	N/A	N/A	N/A	ND	N/A	ND		
Cyclohexane	1.0	N/A	N/A	N/A	ND	N/A	ND		
Benzene	1.0	N/A	N/A	N/A	ND	N/A	ND		
4-Methyl-2-Pentanone	1.0	N/A	N/A	N/A	ND	N/A	ND		
Toluene	1.0	N/A	N/A	N/A	ND	N/A	ND		
Chlorobenzene	1.0	N/A	N/A	N/A	ND	N/A	ND		
Ethylbenzene	1.0	N/A	N/A	N/A	ND	N/A	ND		
m/p-Xylene	1.0	N/A	N/A	N/A	ND	N/A	ND		
o-Xylene	1.0	N/A	N/A	N/A	ND	N/A	ND		
Isobutane (Tracer Gas)	1.0	N/A	N/A	N/A	ND	N/A	ND		

Note: ND = Below Listed Detection Limit; N/A = No Sample Taken Due To High Vacuum

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MOBILE GEOCHEMISTRY

H&P

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16 October 2007

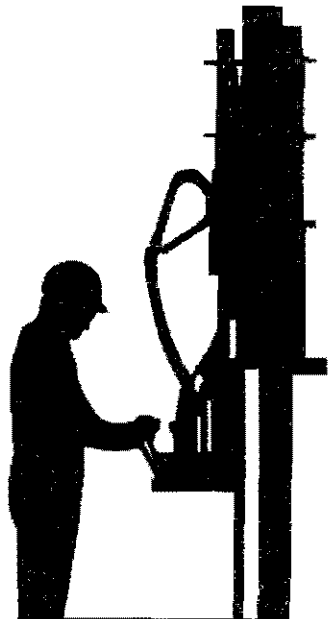
Ms. Christa Wolfe
The Reynolds Group - Tustin
520 West 1st Street
Tustin, CA 92780
RE: TRG100907-L4

Enclosed are the results of analyses for samples received by the laboratory on 10/9/2007 -10/10/2007. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Janis Villarreal
Laboratory Director

H&P Mobile Geochemistry operates under CA Environmental Lab Accreditation Program Numbers 1317, 1561, 1667, 1745, 1746, 2088, 2278, 2543, 2579 and 2595.



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MOBILE GEOCHEMISTRY

H&P

The Reynolds Group - Tustin 520 West 1st Street Tustin, CA 92780	Project: TRG100907-L4 Project Number: 7115 Phase 250 Project Manager: Ms. Christa Wolfe	Reported: 16-Oct-07

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SV-35-15, 1PV, 81cc	E710027-01	Vapor	09-Oct-07	09-Oct-07
SV-35-15, 3PV, 223cc	E710027-02	Vapor	09-Oct-07	09-Oct-07
SV-35-15, 7PV, 507cc	E710027-03	Vapor	09-Oct-07	09-Oct-07
SV-34-15, 507cc	E710027-04	Vapor	09-Oct-07	09-Oct-07
SV-33-5, 497cc	E710027-05	Vapor	09-Oct-07	09-Oct-07
SV-33-15, 507cc	E710027-06	Vapor	09-Oct-07	09-Oct-07
SV-32-5, 497cc	E710027-07	Vapor	09-Oct-07	09-Oct-07
SV-32-15, 507cc	E710027-08	Vapor	09-Oct-07	09-Oct-07
SV-30-5, 497cc	E710027-09	Vapor	09-Oct-07	09-Oct-07
SV-30-15, 507cc	E710027-10	Vapor	09-Oct-07	09-Oct-07
SV-31-5, 497cc	E710027-11	Vapor	09-Oct-07	09-Oct-07
SV-31-15, 507cc	E710027-12	Vapor	09-Oct-07	09-Oct-07
SV-31-15 DUP, 567cc	E710027-13	Vapor	09-Oct-07	09-Oct-07
SV-25-5, 497cc	E710033-01	Vapor	10-Oct-07	10-Oct-07
SV-25-15, 507cc	E710033-02	Vapor	10-Oct-07	10-Oct-07
SV-24-15, 507cc	E710033-03	Vapor	10-Oct-07	10-Oct-07
SV-27-5, 497cc	E710033-04	Vapor	10-Oct-07	10-Oct-07
SV-27-15, 507cc	E710033-05	Vapor	10-Oct-07	10-Oct-07
SV-28-5, 497cc	E710033-06	Vapor	10-Oct-07	10-Oct-07
SV-26-15, 507cc	E710033-07	Vapor	10-Oct-07	10-Oct-07
SV-29-5, 497cc	E710033-08	Vapor	10-Oct-07	10-Oct-07
SV-29-15, 507cc	E710033-09	Vapor	10-Oct-07	10-Oct-07
SV-29-5 DUP, 557cc	E710033-10	Vapor	10-Oct-07	10-Oct-07

MOBILE GEOCHEMISTRY

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The Reynolds Group - Tustin	Project: TRG100907-L4	
520 West 1st Street	Project Number: 7115 Phase 250	Reported:
Tustin, CA 92780	Project Manager: Ms. Christa Wolfe	16-Oct-07

Volatile Organic Compounds by EPA Method 8260B

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-35-15, 1PV, 81cc (E710027-01) Vapor	**Sampled: 09-Oct-07**	**Received: 09-Oct-07**							
1,1-Difluoroethane (LCC)	ND	10	ug/l	0.05	EJ70901	09-Oct-07	09-Oct-07	EPA 8260B	
Dichlorodifluoromethane	ND	0.5	"	"	"	"	"	"	
Vinyl chloride	ND	0.1	"	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethene	35	0.5	"	"	"	"	"	"	
Methylene chloride	ND	0.5	"	"	"	"	"	"	
Freon 113	ND	0.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	"	
Chloroform	0.2	0.1	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.1	"	"	"	"	"	"	
Benzene	0.2	0.1	"	"	"	"	"	"	
Trichloroethene	25	0.1	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	"	
Tetrachloroethene	40	0.1	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*95.6 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*93.2 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.2 %*		*75-125*	"	"	"	"	

MOBILE GEOCHEMISTRY
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The Reynolds Group - Tustin	Project: TRG100907-L4	
520 West 1st Street	Project Number: 7115 Phase 250	Reported:
Tustin, CA 92780	Project Manager: Ms. Christa Wolfe	16-Oct-07

Volatile Organic Compounds by EPA Method 8260B

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-35-15, 3PV, 223cc (E710027-02) Vapor	**Sampled: 09-Oct-07**	**Received: 09-Oct-07**							
1,1-Difluoroethane (LCC)	ND	10	ug/l	0.05	EJ70901	09-Oct-07	09-Oct-07	EPA 8260B	
Dichlorodifluoromethane	ND	0.5	"	"	"	"	"	"	
Vinyl chloride	ND	0.1	"	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethene	120	0.5	"	"	"	"	"	"	
Methylene chloride	ND	0.5	"	"	"	"	"	"	
Freon 113	0.7	0.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethane	1.7	0.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	1.4	0.5	"	"	"	"	"	"	
Chloroform	0.5	0.1	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.1	"	"	"	"	"	"	
Benzene	0.2	0.1	"	"	"	"	"	"	
Trichloroethene	57	0.1	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	"	
Tetrachloroethene	74	0.1	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*100 %*	*75-125*		"	"	"	"	

MOBILE GEOCHEMISTRY

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The Reynolds Group - Tustin	Project: TRG100907-L4	
520 West 1st Street	Project Number: 7115 Phase 250	Reported:
Tustin, CA 92780	Project Manager: Ms. Christa Wolfe	16-Oct-07

Volatile Organic Compounds by EPA Method 8260B

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-35-15, 7PV, 507cc (E710027-03) Vapor	**Sampled: 09-Oct-07**		**Received: 09-Oct-07**						
1,1-Difluoroethane (LCC)	ND	10	ug/l	0.05	EJ70901	09-Oct-07	09-Oct-07	EPA 8260B	
Dichlorodifluoromethane	ND	0.5	"	"	"	"	"	"	
Vinyl chloride	ND	0.1	"	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethene	140	0.5	"	"	"	"	"	"	
Methylene chloride	ND	0.5	"	"	"	"	"	"	
Freon 113	0.9	0.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethane	2.1	0.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	1.7	0.5	"	"	"	"	"	"	
Chloroform	0.6	0.1	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.1	"	"	"	"	"	"	
Benzene	0.3	0.1	"	"	"	"	"	"	
Trichloroethene	72	0.1	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	"	
Tetrachloroethene	93	0.1	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*100 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.2 %*		*75-125*	"	"	"	"	

MOBILE GEOCHEMISTRY

H&P

The Reynolds Group - Tustin	Project: TRG100907-L4	
520 West 1st Street	Project Number: 7115 Phase 250	Reported:
Tustin, CA 92780	Project Manager: Ms. Christa Wolfe	16-Oct-07

Volatile Organic Compounds by EPA Method 8260B

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-34-15, 507cc (E710027-04) Vapor Sampled: 09-Oct-07 Received: 09-Oct-07									
1,1-Difluoroethane (LCC)	ND	10	ug/l	0.05	EJ70901	09-Oct-07	09-Oct-07	EPA 8260B	
Dichlorodifluoromethane	ND	0.5	"	"	"	"	"	"	
Vinyl chloride	ND	0.1	"	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethene	460	10	"	1	"	"	09-Oct-07	"	
Methylene chloride	ND	0.5	"	0.05	"	"	09-Oct-07	"	
Freon 113	1.9	0.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethane	6.9	0.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	1.2	0.5	"	"	"	"	"	"	
Chloroform	1.9	0.1	"	"	"	"	"	"	
1,1,1-Trichloroethane	2.7	0.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.1	"	"	"	"	"	"	
Benzene	0.2	0.1	"	"	"	"	"	"	
Trichloroethene	110	0.1	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	"	
Tetrachloroethene	92	0.1	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*97.2 %*		*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*98.0 %*		*75-125*		"	"	"	"	
Surrogate: Toluene-d8	*93.6 %*		*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*97.6 %*		*75-125*		"	"	"	"	

MOBILE GEOCHEMISTRY

H&P

The Reynolds Group - Tustin	Project: TRG100907-L4	
520 West 1st Street	Project Number: 7115 Phase 250	Reported:
Tustin, CA 92780	Project Manager: Ms. Christa Wolfe	16-Oct-07

Volatile Organic Compounds by EPA Method 8260B

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-33-5, 497cc (E710027-05) Vapor Sampled: 09-Oct-07 Received: 09-Oct-07									
1,1-Difluoroethane (LCC)	ND	10	ug/l	0.05	EJ70901	09-Oct-07	09-Oct-07	EPA 8260B	
Dichlorodifluoromethane	ND	0.5	"	"	"	"	"	"	
Vinyl chloride	ND	0.1	"	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethene	55	0.5	"	"	"	"	"	"	
Methylene chloride	ND	0.5	"	"	"	"	"	"	
Freon 113	0.6	0.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethane	1.2	0.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	"	
Chloroform	0.5	0.1	"	"	"	"	"	"	
1,1,1-Trichloroethane	0.9	0.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.1	"	"	"	"	"	"	
Benzene	0.2	0.1	"	"	"	"	"	"	
Trichloroethene	47	0.1	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	"	
Tetrachloroethene	25	0.1	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*108 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*107 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*105 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*		*75-125*	"	"	"	"	

MOBILE GEOCHEMISTRY

H&P

The Reynolds Group - Tustin	Project: TRG100907-L4	
520 West 1st Street	Project Number: 7115 Phase 250	Reported:
Tustin, CA 92780	Project Manager: Ms. Christa Wolfe	16-Oct-07

Volatile Organic Compounds by EPA Method 8260B

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-33-15, 507cc (E710027-06) Vapor	**Sampled: 09-Oct-07**	**Received: 09-Oct-07**							
1,1-Difluoroethane (LCC)	ND	10	ug/l	0.05	EJ70901	09-Oct-07	09-Oct-07	EPA 8260B	
Dichlorodifluoromethane	ND	0.5	"	"	"	"	"	"	
Vinyl chloride	ND	0.1	"	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethene	140	0.5	"	"	"	"	"	"	
Methylene chloride	ND	0.5	"	"	"	"	"	"	
Freon 113	2.0	0.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethane	4.0	0.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	"	
Chloroform	1.2	0.1	"	"	"	"	"	"	
1,1,1-Trichloroethane	2.5	0.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.1	"	"	"	"	"	"	
Benzene	0.2	0.1	"	"	"	"	"	"	
Trichloroethene	90	0.1	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	"	
Tetrachloroethene	54	0.1	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*107 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*99.6 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.4 %*		*75-125*	"	"	"	"	

MOBILE GEOCHEMISTRY
H&P

The Reynolds Group - Tustin	Project: TRG100907-L4	
520 West 1st Street	Project Number: 7115 Phase 250	Reported:
Tustin, CA 92780	Project Manager: Ms. Christa Wolfe	16-Oct-07

Volatile Organic Compounds by EPA Method 8260B

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-32-5, 497cc (E710027-07) Vapor Sampled: 09-Oct-07 Received: 09-Oct-07									
1,1-Difluoroethane (LCC)	ND	10	ug/l	0.05	EJ70901	09-Oct-07	09-Oct-07	EPA 8260B	
Dichlorodifluoromethane	ND	0.5	"	"	"	"	"	"	
Vinyl chloride	ND	0.1	"	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethene	73	0.5	"	"	"	"	"	"	
Methylene chloride	ND	0.5	"	"	"	"	"	"	
Freon 113	2.6	0.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethane	0.5	0.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	"	
Chloroform	0.3	0.1	"	"	"	"	"	"	
1,1,1-Trichloroethane	1.4	0.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.1	"	"	"	"	"	"	
Benzene	0.2	0.1	"	"	"	"	"	"	
Trichloroethene	38	0.1	"	"	"	"	"	"	
Toluene	2.1	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	"	
Tetrachloroethene	11	0.1	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*101 %*		*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*104 %*		*75-125*		"	"	"	"	
Surrogate: Toluene-d8	*98.4 %*		*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*97.2 %*		*75-125*		"	"	"	"	

MOBILE GEOCHEMISTRY
H&P

The Reynolds Group - Tustin	Project: TRG100907-L4	
520 West 1st Street	Project Number: 7115 Phase 250	Reported:
Tustin, CA 92780	Project Manager: Ms. Christa Wolfe	16-Oct-07

Volatile Organic Compounds by EPA Method 8260B

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-32-15, 507cc (E710027-08) Vapor	**Sampled: 09-Oct-07**	**Received: 09-Oct-07**							
1,1-Difluoroethane (LCC)	ND	10	ug/l	0.05	EJ70901	09-Oct-07	09-Oct-07	EPA 8260B	
Dichlorodifluoromethane	ND	0.5	"	"	"	"	"	"	
Vinyl chloride	ND	0.1	"	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethene	49	0.5	"	"	"	"	"	"	
Methylene chloride	ND	0.5	"	"	"	"	"	"	
Freon 113	1.8	0.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	"	
Chloroform	0.3	0.1	"	"	"	"	"	"	
1,1,1-Trichloroethane	1.1	0.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.1	"	"	"	"	"	"	
Benzene	0.2	0.1	"	"	"	"	"	"	
Trichloroethene	32	0.1	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	"	
Tetrachloroethene	11	0.1	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*99.2 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*75-125*		"	"	"	"	

MOBILE GEOCHEMISTRY

H&P

The Reynolds Group - Tustin	Project: TRG100907-L4	
520 West 1st Street	Project Number: 7115 Phase 250	Reported:
Tustin, CA 92780	Project Manager: Ms. Christa Wolfe	16-Oct-07

Volatile Organic Compounds by EPA Method 8260B

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-30-5, 497cc (E710027-09) Vapor Sampled: 09-Oct-07 Received: 09-Oct-07									
1,1-Difluoroethane (LCC)	ND	10	ug/l	0.05	EJ70901	09-Oct-07	09-Oct-07	EPA 8260B	
Dichlorodifluoromethane	ND	0.5	"	"	"	"	"	"	
Vinyl chloride	ND	0.1	"	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethene	61	0.5	"	"	"	"	"	"	
Methylene chloride	ND	0.5	"	"	"	"	"	"	
Freon 113	14	0.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethane	1.5	0.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	"	
Chloroform	0.6	0.1	"	"	"	"	"	"	
1,1,1-Trichloroethane	79	0.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.1	"	"	"	"	"	"	
Benzene	0.3	0.1	"	"	"	"	"	"	
Trichloroethene	71	0.1	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	"	
Tetrachloroethene	53	0.1	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*105 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*101 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*		*75-125*	"	"	"	"	

MOBILE GEOCHEMISTRY

H&P

The Reynolds Group - Tustin	Project: TRG100907-L4	
520 West 1st Street	Project Number: 7115 Phase 250	Reported:
Tustin, CA 92780	Project Manager: Ms. Christa Wolfe	16-Oct-07

Volatile Organic Compounds by EPA Method 8260B

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-30-15, 507cc (E710027-10) Vapor Sampled: 09-Oct-07 Received: 09-Oct-07									
1,1-Difluoroethane (LCC)	ND	10	ug/l	0.05	EJ70901	09-Oct-07	09-Oct-07	EPA 8260B	
Dichlorodifluoromethane	ND	0.5	"	"	"	"	"	"	
Vinyl chloride	ND	0.1	"	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethene	0.5	0.5	"	"	"	"	"	"	
Methylene chloride	ND	0.5	"	"	"	"	"	"	
Freon 113	ND	0.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	"	
Chloroform	ND	0.1	"	"	"	"	"	"	
1,1,1-Trichloroethane	0.5	0.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.1	"	"	"	"	"	"	
Benzene	0.2	0.1	"	"	"	"	"	"	
Trichloroethene	2.8	0.1	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	"	
Tetrachloroethene	4.8	0.1	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*106 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*108 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*102 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*100 %*		*75-125*	"	"	"	"	

MOBILE GEOCHEMISTRY

H&P

The Reynolds Group - Tustin	Project: TRG100907-L4	
520 West 1st Street	Project Number: 7115 Phase 250	Reported:
Tustin, CA 92780	Project Manager: Ms. Christa Wolfe	16-Oct-07

Volatile Organic Compounds by EPA Method 8260B

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-31-5, 497cc (E710027-11) Vapor Sampled: 09-Oct-07 Received: 09-Oct-07									
1,1-Difluoroethane (LCC)	ND	10	ug/l	0.05	EJ70901	09-Oct-07	09-Oct-07	EPA 8260B	
Dichlorodifluoromethane	ND	0.5	"	"	"	"	"	"	
Vinyl chloride	ND	0.1	"	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethene	0.6	0.5	"	"	"	"	"	"	
Methylene chloride	ND	0.5	"	"	"	"	"	"	
Freon 113	ND	0.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	"	
Chloroform	ND	0.1	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.1	"	"	"	"	"	"	
Benzene	0.2	0.1	"	"	"	"	"	"	
Trichloroethene	2.0	0.1	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	"	
Tetrachloroethene	1.5	0.1	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*106 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*108 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*99.2 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.2 %*	*75-125*		"	"	"	"	

MOBILE GEOCHEMISTRY

H&P

The Reynolds Group - Tustin	Project: TRG100907-L4	
520 West 1st Street	Project Number: 7115 Phase 250	Reported:
Tustin, CA 92780	Project Manager: Ms. Christa Wolfe	16-Oct-07

Volatile Organic Compounds by EPA Method 8260B

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-31-15, 507cc (E710027-12) Vapor Sampled: 09-Oct-07 Received: 09-Oct-07									
1,1-Difluoroethane (LCC)	ND	10	ug/l	0.05	EJ70901	09-Oct-07	09-Oct-07	EPA 8260B	
Dichlorodifluoromethane	ND	0.5	"	"	"	"	"	"	
Vinyl chloride	ND	0.1	"	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethene	53	0.5	"	"	"	"	"	"	
Methylene chloride	ND	0.5	"	"	"	"	"	"	
Freon 113	11	0.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	"	
Chloroform	0.3	0.1	"	"	"	"	"	"	
1,1,1-Trichloroethane	30	0.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.1	"	"	"	"	"	"	
Benzene	0.1	0.1	"	"	"	"	"	"	
Trichloroethene	44	0.1	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	"	
Tetrachloroethene	16	0.1	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*106 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*107 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*101 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.0 %*		*75-125*	"	"	"	"	

MOBILE GEOCHEMISTRY

H&P

The Reynolds Group - Tustin	Project: TRG100907-L4	
520 West 1st Street	Project Number: 7115 Phase 250	Reported:
Tustin, CA 92780	Project Manager: Ms. Christa Wolfe	16-Oct-07

Volatile Organic Compounds by EPA Method 8260B

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-31-15 DUP, 567cc (E710027-13) Vapor	**Sampled: 09-Oct-07**	**Received: 09-Oct-07**							
1,1-Difluoroethane (LCC)	ND	10	ug/l	0.05	EJ70901	09-Oct-07	09-Oct-07	EPA 8260B	
Dichlorodifluoromethane	ND	0.5	"	"	"	"	"	"	
Vinyl chloride	ND	0.1	"	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethene	53	0.5	"	"	"	"	"	"	
Methylene chloride	ND	0.5	"	"	"	"	"	"	
Freon 113	11	0.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	"	
Chloroform	0.3	0.1	"	"	"	"	"	"	
1,1,1-Trichloroethane	29	0.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.1	"	"	"	"	"	"	
Benzene	0.1	0.1	"	"	"	"	"	"	
Trichloroethene	41	0.1	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	"	
Tetrachloroethene	13	0.1	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*98.8 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		"	"	"	"	

MOBILE GEOCHEMISTRY

H&P

The Reynolds Group - Tustin	Project: TRG100907-L4	
520 West 1st Street	Project Number: 7115 Phase 250	Reported:
Tustin, CA 92780	Project Manager: Ms. Christa Wolfe	16-Oct-07

Volatile Organic Compounds by EPA Method 8260B

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-25-5, 497cc (E710033-01) Vapor Sampled: 10-Oct-07 Received: 10-Oct-07									
1,1-Difluoroethane (LCC)	ND	20	ug/l	0.1	EJ71001	10-Oct-07	10-Oct-07	EPA 8260B	
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	0.2	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	100	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Freon 113	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	1.1	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
Chloroform	0.6	0.2	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.2	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.2	"	"	"	"	"	"	
Benzene	0.3	0.2	"	"	"	"	"	"	
Trichloroethene	48	0.2	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	110	0.2	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	ND	2.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*100 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*85.6 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*83.6 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90.4 %*		*75-125*	"	"	"	"	

MOBILE GEOCHEMISTRY

H&P

The Reynolds Group - Tustin	Project: TRG100907-L4	
520 West 1st Street	Project Number: 7115 Phase 250	Reported:
Tustin, CA 92780	Project Manager: Ms. Christa Wolfe	16-Oct-07

Volatile Organic Compounds by EPA Method 8260B

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-25-15, 507cc (E710033-02) Vapor Sampled: 10-Oct-07 Received: 10-Oct-07									
1,1-Difluoroethane (LCC)	ND	20	ug/l	0.1	EJ71001	10-Oct-07	10-Oct-07	EPA 8260B	
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	0.2	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	250	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Freon 113	2.0	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	3.0	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	2.2	1.0	"	"	"	"	"	"	
Chloroform	1.3	0.2	"	"	"	"	"	"	
1,1,1-Trichloroethane	1.9	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.2	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.2	"	"	"	"	"	"	
Benzene	0.4	0.2	"	"	"	"	"	"	
Trichloroethene	100	0.2	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	180	0.2	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	ND	2.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*116 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*101 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.0 %*		*75-125*	"	"	"	"	

MOBILE GEOCHEMISTRY
H&P

The Reynolds Group - Tustin	Project: TRG100907-L4	
520 West 1st Street	Project Number: 7115 Phase 250	Reported:
Tustin, CA 92780	Project Manager: Ms. Christa Wolfe	16-Oct-07

Volatile Organic Compounds by EPA Method 8260B

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-15, 507cc (E710033-03) Vapor	**Sampled: 10-Oct-07**	**Received: 10-Oct-07**							
1,1-Difluoroethane (LCC)	ND	20	ug/l	0.1	EJ71001	10-Oct-07	10-Oct-07	EPA 8260B	
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	0.2	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	30	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Freon 113	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	8.2	1.0	"	"	"	"	"	"	
Chloroform	0.2	0.2	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.2	"	"	"	"	"	"	
1,2-Dichloroethane	0.2	0.2	"	"	"	"	"	"	
Benzene	0.3	0.2	"	"	"	"	"	"	
Trichloroethene	32	0.2	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	120	0.2	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	ND	2.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*116 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*101 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*97.2 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.6 %*		*75-125*	"	"	"	"	

MOBILE GEOCHEMISTRY

H&P

The Reynolds Group - Tustin 520 West 1st Street Tustin, CA 92780	Project: TRG100907-L4 Project Number: 7115 Phase 250 Project Manager: Ms. Christa Wolfe	Reported: 16-Oct-07

Volatile Organic Compounds by EPA Method 8260B

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-27-5, 497cc (E710033-04) Vapor Sampled: 10-Oct-07 Received: 10-Oct-07									
1,1-Difluoroethane (LCC)	ND	10	ug/l	0.05	EJ71001	10-Oct-07	10-Oct-07	EPA 8260B	
Dichlorodifluoromethane	ND	0.5	"	"	"	"	"	"	
Vinyl chloride	ND	0.1	"	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethene	88	0.5	"	"	"	"	"	"	
Methylene chloride	ND	0.5	"	"	"	"	"	"	
Freon 113	2.5	0.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethane	1.5	0.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	"	
Chloroform	0.6	0.1	"	"	"	"	"	"	
1,1,1-Trichloroethane	7.4	0.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.1	"	"	"	"	"	"	
Benzene	0.2	0.1	"	"	"	"	"	"	
Trichloroethene	50	0.1	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	"	
Tetrachloroethene	66	0.1	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*111 %*		*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*98.0 %*		*75-125*		"	"	"	"	
Surrogate: Toluene-d8	*94.8 %*		*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*97.6 %*		*75-125*		"	"	"	"	

MOBILE GEOCHEMISTRY

H&P

The Reynolds Group - Tustin	Project: TRG100907-L4	
520 West 1st Street	Project Number: 7115 Phase 250	Reported:
Tustin, CA 92780	Project Manager: Ms. Christa Wolfe	16-Oct-07

Volatile Organic Compounds by EPA Method 8260B

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-27-15, 507cc (E710033-05) Vapor	**Sampled: 10-Oct-07**	**Received: 10-Oct-07**							
1,1-Difluoroethane (LCC)	ND	10	ug/l	0.05	EJ71001	10-Oct-07	10-Oct-07	EPA 8260B	
Dichlorodifluoromethane	ND	0.5	"	"	"	"	"	"	
Vinyl chloride	ND	0.1	"	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethene	140	0.5	"	"	"	"	"	"	
Methylene chloride	ND	0.5	"	"	"	"	"	"	
Freon 113	4.4	0.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethane	2.2	0.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	"	
Chloroform	0.8	0.1	"	"	"	"	"	"	
1,1,1-Trichloroethane	10	0.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.1	"	"	"	"	"	"	
Benzene	0.2	0.1	"	"	"	"	"	"	
Trichloroethene	68	0.1	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	"	
Tetrachloroethene	74	0.1	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*120 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*108 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*102 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.4 %*		*75-125*	"	"	"	"	

MOBILE GEOCHEMISTRY

H&P

The Reynolds Group - Tustin	Project: TRG100907-L4	
520 West 1st Street	Project Number: 7115 Phase 250	Reported:
Tustin, CA 92780	Project Manager: Ms. Christa Wolfe	16-Oct-07

Volatile Organic Compounds by EPA Method 8260B

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-28-5, 497cc (E710033-06) Vapor Sampled: 10-Oct-07 Received: 10-Oct-07									
1,1-Difluoroethane (LCC)	ND	10	ug/l	0.05	EJ71001	10-Oct-07	10-Oct-07	EPA 8260B	
Dichlorodifluoromethane	ND	0.5	"	"	"	"	"	"	
Vinyl chloride	ND	0.1	"	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.5	"	"	"	"	"	"	
Methylene chloride	ND	0.5	"	"	"	"	"	"	
Freon 113	ND	0.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	"	
Chloroform	ND	0.1	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.1	"	"	"	"	"	"	
Benzene	0.2	0.1	"	"	"	"	"	"	
Trichloroethene	0.4	0.1	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	"	
Tetrachloroethene	1.4	0.1	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*113 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*94.8 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.4 %*		*75-125*	"	"	"	"	

MOBILE GEOCHEMISTRY

H&P

The Reynolds Group - Tustin	Project: TRG100907-L4	
520 West 1st Street	Project Number: 7115 Phase 250	Reported:
Tustin, CA 92780	Project Manager: Ms. Christa Wolfe	16-Oct-07

Volatile Organic Compounds by EPA Method 8260B

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-26-15, 507cc (E710033-07) Vapor Sampled: 10-Oct-07 Received: 10-Oct-07									
1,1-Difluoroethane (LCC)	ND	10	ug/l	0.05	EJ71001	10-Oct-07	10-Oct-07	EPA 8260B	
Dichlorodifluoromethane	ND	0.5	"	"	"	"	"	"	
Vinyl chloride	ND	0.1	"	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethene	14	0.5	"	"	"	"	"	"	
Methylene chloride	ND	0.5	"	"	"	"	"	"	
Freon 113	1.9	0.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	"	
Chloroform	ND	0.1	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.1	"	"	"	"	"	"	
Benzene	0.2	0.1	"	"	"	"	"	"	
Trichloroethene	2.0	0.1	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	"	
Tetrachloroethene	11	0.1	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*119 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*108 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*104 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*100 %*		*75-125*	"	"	"	"	

MOBILE GEOCHEMISTRY

H&P

The Reynolds Group - Tustin	Project: TRG100907-L4	
520 West 1st Street	Project Number: 7115 Phase 250	Reported:
Tustin, CA 92780	Project Manager: Ms. Christa Wolfe	16-Oct-07

Volatile Organic Compounds by EPA Method 8260B

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-29-5, 497cc (E710033-08) Vapor Sampled: 10-Oct-07 Received: 10-Oct-07									
1,1-Difluoroethane (LCC)	ND	10	ug/l	0.05	EJ71001	10-Oct-07	10-Oct-07	EPA 8260B	
Dichlorodifluoromethane	ND	0.5	"	"	"	"	"	"	
Vinyl chloride	ND	0.1	"	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethene	0.9	0.5	"	"	"	"	"	"	
Methylene chloride	ND	0.5	"	"	"	"	"	"	
Freon 113	0.7	0.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	"	
Chloroform	0.2	0.1	"	"	"	"	"	"	
1,1,1-Trichloroethane	1.1	0.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.1	"	"	"	"	"	"	
Benzene	0.2	0.1	"	"	"	"	"	"	
Trichloroethene	5.4	0.1	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	"	
Tetrachloroethene	22	0.1	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*116 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*109 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*99.6 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.0 %*		*75-125*	"	"	"	"	

MOBILE GEOCHEMISTRY
H&P

The Reynolds Group - Tustin	Project: TRG100907-L4	
520 West 1st Street	Project Number: 7115 Phase 250	Reported:
Tustin, CA 92780	Project Manager: Ms. Christa Wolfe	16-Oct-07

Volatile Organic Compounds by EPA Method 8260B

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-29-15, 507cc (E710033-09) Vapor	**Sampled: 10-Oct-07**	**Received: 10-Oct-07**							
1,1-Difluoroethane (LCC)	ND	10	ug/l	0.05	EJ71001	10-Oct-07	10-Oct-07	EPA 8260B	
Dichlorodifluoromethane	ND	0.5	"	"	"	"	"	"	
Vinyl chloride	ND	0.1	"	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethene	1.0	0.5	"	"	"	"	"	"	
Methylene chloride	ND	0.5	"	"	"	"	"	"	
Freon 113	0.9	0.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	"	
Chloroform	0.2	0.1	"	"	"	"	"	"	
1,1,1-Trichloroethane	1.1	0.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.1	"	"	"	"	"	"	
Benzene	0.2	0.1	"	"	"	"	"	"	
Trichloroethene	6.3	0.1	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	"	
Tetrachloroethene	21	0.1	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*119 %*		*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*107 %*		*75-125*		"	"	"	"	
Surrogate: Toluene-d8	*102 %*		*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*98.4 %*		*75-125*		"	"	"	"	

MOBILE GEOCHEMISTRY

H&P

The Reynolds Group - Tustin	Project: TRG100907-L4	
520 West 1st Street	Project Number: 7115 Phase 250	Reported:
Tustin, CA 92780	Project Manager: Ms. Christa Wolfe	16-Oct-07

Volatile Organic Compounds by EPA Method 8260B

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-29-5 DUP, 557cc (E710033-10) Vapor Sampled: 10-Oct-07 Received: 10-Oct-07									
1,1-Difluoroethane (LCC)	ND	10	ug/l	0.05	EJ71001	10-Oct-07	10-Oct-07	EPA 8260B	
Dichlorodifluoromethane	ND	0.5	"	"	"	"	"	"	
Vinyl chloride	ND	0.1	"	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethene	0.8	0.5	"	"	"	"	"	"	
Methylene chloride	ND	0.5	"	"	"	"	"	"	
Freon 113	0.7	0.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	"	
Chloroform	0.2	0.1	"	"	"	"	"	"	
1,1,1-Trichloroethane	1.0	0.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.1	"	"	"	"	"	"	
Benzene	0.3	0.1	"	"	"	"	"	"	
Trichloroethene	5.2	0.1	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	"	
Tetrachloroethene	23	0.1	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*124 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*113 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*104 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*103 %*		*75-125*	"	"	"	"	

MOBILE GEOCHEMISTRY
H&P

The Reynolds Group - Tustin	Project: TRG100907-L4	
520 West 1st Street	Project Number: 7115 Phase 250	Reported:
Tustin, CA 92780	Project Manager: Ms. Christa Wolfe	16-Oct-07

Volatile Organic Compounds by EPA Method 8260B - Quality Control
H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EJ70901 - EPA 5030										
Blank (EJ70901-BLK1)				Prepared & Analyzed: 09-Oct-07						
1,1-Difluoroethane (LCC)	ND	10	ug/l							
Dichlorodifluoromethane	ND	0.5	"							
Vinyl chloride	ND	0.1	"							
Chloroethane	ND	0.5	"							
Trichlorofluoromethane	ND	0.5	"							
1,1-Dichloroethene	ND	0.5	"							
Methylene chloride	ND	0.5	"							
Freon 113	ND	0.5	"							
trans-1,2-Dichloroethene	ND	0.5	"							
1,1-Dichloroethane	ND	0.5	"							
cis-1,2-Dichloroethene	ND	0.5	"							
Chloroform	ND	0.1	"							
1,1,1-Trichloroethane	ND	0.5	"							
Carbon tetrachloride	ND	0.1	"							
1,2-Dichloroethane	ND	0.1	"							
Benzene	ND	0.1	"							
Trichloroethene	ND	0.1	"							
Toluene	ND	1.0	"							
1,1,2-Trichloroethane	ND	0.5	"							
Tetrachloroethene	ND	0.1	"							
Ethylbenzene	ND	1.0	"							
1,1,1,2-Tetrachloroethane	ND	0.5	"							
m,p-Xylene	ND	1.0	"							
o-Xylene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	0.5	"							
Surrogate: Dibromofluoromethane	*2.48*		"	*2.50*		*99.2*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2.48*		"	*2.50*		*99.2*	*75-125*			
Surrogate: Toluene-d8	*2.54*		"	*2.50*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*2.44*		"	*2.50*		*97.6*	*75-125*			

MOBILE GEOCHEMISTRY
H&P

The Reynolds Group - Tustin	Project: TRG100907-L4	
520 West 1st Street	Project Number: 7115 Phase 250	Reported:
Tustin, CA 92780	Project Manager: Ms. Christa Wolfe	16-Oct-07

Volatile Organic Compounds by EPA Method 8260B - Quality Control
H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EJ71001 - EPA 5030										
Blank (EJ71001-BLK1)				Prepared & Analyzed: 10-Oct-07						
1,1-Difluoroethane (LCC)	ND	10	ug/l							
Dichlorodifluoromethane	ND	0.5	"							
Vinyl chloride	ND	0.1	"							
Chloroethane	ND	0.5	"							
Trichlorofluoromethane	ND	0.5	"							
1,1-Dichloroethene	ND	0.5	"							
Methylene chloride	ND	0.5	"							
Freon 113	ND	0.5	"							
trans-1,2-Dichloroethene	ND	0.5	"							
1,1-Dichloroethane	ND	0.5	"							
cis-1,2-Dichloroethene	ND	0.5	"							
Chloroform	ND	0.1	"							
1,1,1-Trichloroethane	ND	0.5	"							
Carbon tetrachloride	ND	0.1	"							
1,2-Dichloroethane	ND	0.1	"							
Benzene	ND	0.1	"							
Trichloroethene	ND	0.1	"							
Toluene	ND	1.0	"							
1,1,2-Trichloroethane	ND	0.5	"							
Tetrachloroethene	ND	0.1	"							
Ethylbenzene	ND	1.0	"							
1,1,1,2-Tetrachloroethane	ND	0.5	"							
m,p-Xylene	ND	1.0	"							
o-Xylene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	0.5	"							
Surrogate: Dibromofluoromethane	*2.69*		"	*2.50*		*108*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2.30*		"	*2.50*		*92.0*	*75-125*			
Surrogate: Toluene-d8	*2.40*		"	*2.50*		*96.0*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*2.38*		"	*2.50*		*95.2*	*75-125*			

MOBILE GEOCHEMISTRY

H&P

The Reynolds Group - Tustin 520 West 1st Street Tustin, CA 92780	Project: TRG100907-L4 Project Number: 7115 Phase 250 Project Manager: Ms. Christa Wolfe	Reported: 16-Oct-07

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

MOBILE GEOCHEMISTRY

H&P

E710027
EJ70901

Chain of Custody Record

☐ 2470 Impala Dr., Carlsbad, CA 92010 • ph 760.804.9678 • fax 760.804.9159
☐ 3825 Industry Avenue, Lakewood, CA 90712 • ph 562.426.6991 • fax 562.426.6995

Date: 10-9-07
H&P Project # TRG100907-24
Outside Lab:

Client: The Reynolds Group
Address: 520 West 1st Street
Tustin, CA 92780
Email: wolfe@reynolds-group.com Phone: 714-730-5397

Collector: Cherita / Mark L
Page: 1 of 2
Client Project # 7115 Phase 2SD Project Contact: John Cleary / Christa Wolfe
Location: 1551 E. Orangethorpe Ave.
Fax: 714-730-6476 Turn around time:

EDF: Yes ☐ No ☐
Global ID:

Sample Receipt
Intact: ☐ Yes ☐ No
Seal Intact: ☐ Yes ☐ No ☐ N/A
Cold: ☐ Yes ☐ No
N/A (Received on Site)

Special Instructions:

Sample Name	~~Field Point Name~~	Purge Vol	Time	Date	Sample Type	Container Type	TPH ☐ gasoline ☐ diesel ☐ ext	418.1 TRPH	8021 for BTEX/MTBE	8260B: BTEX / Oxygenates	8260B: TPH gas	8260B: VOC's	8260B: DTSC/LARWQCB Low Level	8260B: Ketones	TO-15: Full List	TO-15: BTEX/MTBE	LCC (specify) 1 DFA	Naphthalene ☐ 8260B ☐ TO-15	Methane	Fixed Gases ☐ CO_2 ☐ O_2 ☐ N_2				Total # of containers
SV-35 1PV	15ft	81cc	9:02	10-9-07	Vapor	60cc Syringe							X				X							1
SV-35 3PV	15ft	223cc	9:04	↓	↓	↓							X				X							1
SV-35 7PV	15ft	507cc	9:07										X				X							1
SV-34-15	15ft	507cc 497cc	10:30										X				X							1
SV-33-5	5ft	497cc	1040										X				X							1
SV-33-15	15ft	507cc	1045										X				X							1
SV-32-5		497cc	1118										X				X							1
SV-32-15		507cc	1145										X				X							1
SV-30-5		497cc	1215										X				X							1
SV-30-15		507cc	1226	↓	↓	↓							X				X							1

Relinquished by: (Signature)	(company)	Received by: (Signature)	(company)	Date:	Time:
C. Wolfe	TRG	Cherita Jones	H&P	10-9-07	15:05
Relinquished by: (Signature)	(company)	Received by: (Signature)	(company)	Date:	Time:
Relinquished by: (Signature)	(company)	Received by: (Signature)	(company)	Date:	Time:

*Signature constitutes authorization to proceed with analysis and acceptance of condition on back.

Sample disposal instruction: ☐ *Disposal @ $2.00 each* ☐ *Return to client* ☐ *Pickup*

Holding Times: Holding times are carefully monitored by H&P MOBILE GEOCHEMISTRY (H&P) since this is a vital part of quality control procedures H&P will make every effort to perform analysis within the applicable holding times established by the EPA or equivalent methodology. However, samples and sample integrity are ultimately the responsibility of the client. H&P reserves the right to apply rush analysis surcharges to prices in order to meet holding time constraints.

Sample Archiving: H&P retains all samples received for a period of one month, including samples designated as "hold". Upon specific written request of the client, samples may be held for a defined period beyond one month. H&P reserves the right to charge for the extended holding of samples.

Hazardous Samples: Hazardous or difficult to dispose samples may be returned to the client. All samples received by H&P are subject to a per sample disposal fee.

Reporting Results: Analyses are reported in wet weight values. Dry weight values may be obtained when moisture content analysis is performed at an additional cost.

Payment Terms: Standard credit terms are net 30 days, and are independent of when clients are compensated. H&P reserves the right to require payment in advance until a credit application has been approved. Credit limits may at any time be increased or decreased, based upon payment history. Accounts over 30 days are subject to 1.5% per month interest (18% per annum). Delinquent accounts are liable for legal costs and fees incurred by H&P in its efforts to collect outstanding balances.

Sample Collection: H&P does not accept any liability with regard to the collection, preservation technique, or transportation method of samples by clients.

Limit of Liability: H&P strives to perform all services in accordance with the local standard of care in the geographic region at the time the services are rendered. Clients should recognize that all samples and sampling events are unique, and that not all samples can be successfully analyzed by generally accepted methods. If analysis proves unsuccessful, the total liability of H&P shall not exceed three times the invoiced amount for the services provided. This limit of liability shall supercede all clauses to the contrary, implied or otherwise, in any client purchase order or contract, unless different terms are authorized in advanced in writing by an officer of H&P.

MOBILE GEOCHEMISTRY

H&P

Chain of Custody Record

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☐ 3825 Industry Avenue, Lakewood, CA 90712 • ph 562.426.6991 • fax 562.426.6995

Date: 10-9-07
H&P Project #: TRG100907-L4
Outside Lab:

Client: The Reynolds Group
Address: 520 West 1st Street
Tustin, CA. 92780
Email: wolfee@reynolds-group.com Phone: 714-730-5397

Collector: Cherita / Mark
Client Project #: 7115 Phase 2SD
Location: 1551 E. Orangethorpe Ave
Fax: 714-730-6476

Page: 2 of 2
Project Contact: John Cleary
Turn around time:

EDF: Yes☐ No☐
Global ID:

Sample Receipt
Intact: ☐ Yes ☐ No
Seal Intact: ☐ Yes ☐ No ☐ N/A
Cold: ☐ Yes ☐ No
N/A (Received on Site)

Special Instructions:

Sample Name	Field Point Name	Purge Vol	Time	Date	Sample Type	Container Type	TPH ☐ gasoline ☐ diesel ☐ ext	418.1 TRPH	8021 for BTEX/MTBE	8260B: BTEX / Oxygenates	8260B: TPH gas	8260B: VOC's	8260B: DTSC/LARWQCB LCW	8260B: Ketones	TO-15: Full List	TO-15: BTEX/MTBE	LCC (specify) 1,1 DFA	Naphthalene ☐ 8260B ☐ TO-15	Methane	Fixed Gases ☐ CO_2 ☐ O_2 ☐ N_2				Total # of containers
SV-31-5		497cc	1240	10-9-07	Vapor	Lopec Syringe							X				X							1
SV-31-15		507cc	1245	↓	↓	↓							X				X							1
SV-31-15 Dup		567cc	1247	↓	↓	↓							X				X							1
~~SV-34-05~~																								

Relinquished by: (Signature)	(company)	Received by: (Signature)	(company)	Date:	Time:
T. Wolfe	TRG	Cherita Smith	H&P	10-9-07	1310
Relinquished by: (Signature)	(company)	Received by: (Signature)	(company)	Date:	Time:
Relinquished by: (Signature)	(company)	Received by: (Signature)	(company)	Date:	Time:

*Signature constitutes authorization to proceed with analysis and acceptance of condition on back

Sample disposal instruction: ☐ *Disposal @ $2.00 each* ☐ *Return to client* ☐ *Pickup*

Holding Times: Holding times are carefully monitored by H&P MOBILE GEOCHEMISTRY (H&P) since this is a vital part of quality control procedures H&P will make every effort to perform analysis within the applicable holding times established by the EPA or equivalent methodology. However, samples and sample integrity are ultimately the responsibility of the client. H&P reserves the right to apply rush analysis surcharges to prices in order to meet holding time constraints.

Sample Archiving: H&P retains all samples received for a period of one month, including samples designated as "hold". Upon specific written request of the client, samples may be held for a defined period beyond one month. H&P reserves the right to charge for the extended holding of samples.

Hazardous Samples: Hazardous or difficult to dispose samples may be returned to the client. All samples received by H&P are subject to a per sample disposal fee.

Reporting Results: Analyses are reported in wet weight values. Dry weight values may be obtained when moisture content analysis is performed at an additional cost.

Payment Terms: Standard credit terms are net 30 days, and are independent of when clients are compensated. H&P reserves the right to require payment in advance until a credit application has been approved. Credit limits may at any time be increased or decreased, based upon payment history. Accounts over 30 days are subject to 1.5% per month interest (18% per annum). Delinquent accounts are liable for legal costs and fees incurred by H&P in its efforts to collect outstanding balances.

Sample Collection: H&P does not accept any liability with regard to the collection, preservation technique, or transportation method of samples by clients.

Limit of Liability: H&P strives to perform all services in accordance with the local standard of care in the geographic region at the time the services are rendered. Clients should recognize that all samples and sampling events are unique, and that not all samples can be successfully analyzed by generally accepted methods. If analysis proves unsuccessful, the total liability of H&P shall not exceed three times the invoiced amount for the services provided. This limit of liability shall supercede all clauses to the contrary, implied or otherwise, in any client purchase order or contract, unless different terms are authorized in advanced in writing by an officer of H&P.

MOBILE GEOCHEMISTRY

H&P

E710033
EJ71001

Chain of Custody Record

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☐ 3825 Industry Avenue, Lakewood, CA 90712 • ph 562.426.6991 • fax 562.426.6995

Date: 10-10-07
H&P Project # TRG100907-L4
Outside Lab:

Client: The Reynolds Group
Address: 520 West 1st Street
Tustin, CA 92780
Email: wolfe@reynolds-group.com Phone: 714-730-5397

Collector: Cherita / Mark L
Client Project # 7115 Phase 250 Project Contact: Christa Wolfe
Location: 1551 E. Orangethorpe Ave
Fax: 714-730-6476 Turn around time:
Page: 1 of 2

EDF: Yes☐ No☐
Global ID:

Sample Receipt
Intact: ☐ Yes ☐ No
Seal Intact: ☐ Yes ☐ No ☐ N/A
Cold: ☐ Yes ☐ No
N/A (Received on Site)

Special Instructions:
SV-24-5
SV-28-15 (SV-28-15)
SV-26-5
could not collect any sample through probe. Tight draw.

	Sample Name	Field Point Name	Purge Vol	Time	Date	Sample Type	Container Type	TPH ☐ gasoline ☐ diesel ☐ ext	418.1 TRPH	8021 for BTEX/MTBE	8260B: BTEX / Oxygenates	8260B: TPH gas	8260B: VOC's	8260B: DTSC/LARWQCB Low	8260B: Ketones	TO-15: Full List	TO-15: BTEX/MTBE	LCC (specify) 1,1 DFA	Naphthalene ☐ 8260B ☐ TO-15	Methane	Fixed Gases ☐ CO2 ☐ O2 ☐ N2				Total # of containers
1	SV-25-5		497cc	9:45am	10-10-07	Vapor	60cc syringe							X				X							1
2	SV-25-15		507cc	9:48am										X				X							1
3	SV-24-15		507cc	9:51am										X				X							1
4	SV-27-5		497cc	1057am										X				X							1
5	SV-27-15		507cc	1059am										X				X							1
~~6~~	~~SV-24-5~~		~~497cc~~	~~11:11a~~										X				X							1
6	SV-28-5		497cc	1215p										X				X							1
7	SV-26-15		507cc	1230pm										X				X							1
8	SV-29-5		497cc	1315										X				X							1
9	SV-29-15		507cc	1320										X				X							1

Relinquished by: (Signature)	(company)	Received by: (Signature)	(company)	Date:	Time:
[signature]	TRG	Cherita Smith	H&P Mobile Geo	10-10-07	14:40
Relinquished by: (Signature)	(company)	Received by: (Signature)	(company)	Date:	Time:
Relinquished by: (Signature)	(company)	Received by: (Signature)	(company)	Date:	Time:

*Signature constitutes authorization to proceed with analysis and acceptance of condition on back.

Sample disposal instruction: ☐ *Disposal @ $2.00 each* ☐ *Return to client* ☐ *Pickup*

MOBILE GEOCHEMISTRY

H&P

Chain of Custody Record

☐ 2470 Impala Dr., Carlsbad, CA 92010 • ph 760.804.9678 • fax 760.804.9159
☐ 3825 Industry Avenue, Lakewood, CA 90712 • ph 562.426.6991 • fax 562.426.6995

Date: 10-10-07
H&P Project # TRG 100907-24
Outside Lab:

Client: The Reynolds Group
Address: 520 West 1st Street
Tustin, CA 92780
Email: wolfe@reynolds-group.com Phone: 714-730-5397

Collector: Cherita / Markh
Page: 2 of 2
Client Project # 7115 Phase 250 Project Contact: Christa Wolfe
Location: 1551 E. Orangethorpe Ave
Fax: 714-730-6476 Turn around time:

EDF: Yes ☐ No ☐
Global ID:

Sample Receipt
Intact: ☐ Yes ☐ No
Seal Intact: ☐ Yes ☐ No ☐ N/A
Cold: ☐ Yes ☐ No
N/A (Received on Site)

Special Instructions:
SV-24-5, SV-28-15, SV-26-5 could not collect any sample through probe. Tight draw.

Sample Name	Field Point Name	Purge Vol	Time	Date	Sample Type	Container Type	TPH ☐ gasoline ☐ diesel ☐ ext	418.1 TRPH	8021 for BTEX/MTBE	8260B: BTEX / Oxygenates	8260B: TPH gas	8260B: VOC's	8260B: DTSC/LARWQCB	8260B: Ketones	TO-15: Full List	TO-15: BTEX/MTBE	LCC (specify)	Naphthalene ☐ 8260B ☐ TO-15	Methane	Fixed Gases ☐ CO_2 ☐ O_2 ☐ N_2				Total # of containers
SV-29-5 Dup	557cc	497cc	1350	10-10-07	Vapor	60cc Syringe							X				X							1

Relinquished by: (Signature)	(company)	Received by: (Signature)	(company)	Date:	Time:
[signature]		Cherita [signature]	H&P Mobile GeoChemistry	10-10-07	14:40
Relinquished by: (Signature)	(company)	Received by: (Signature)	(company)	Date:	Time:
Relinquished by: (Signature)	(company)	Received by: (Signature)	(company)	Date:	Time:

*Signature constitutes authorization to proceed with analysis and acceptance of condition on back.

Sample disposal instruction: ☐ *Disposal @ $2.00 each* ☐ *Return to client* ☐ *Pickup*

Holding Times: Holding times are carefully monitored by H&P MOBILE **GEO**CHEMISTRY (H&P) since this is a vital part of quality control procedures H&P will make every effort to perform analysis within the applicable holding times established by the EPA or equivalent methodology. However, samples and sample integrity are ultimately the responsibility of the client. H&P reserves the right to apply rush analysis surcharges to prices in order to meet holding time constraints.

Sample Archiving: H&P retains all samples received for a period of one month, including samples designated as "hold". Upon specific written request of the client, samples may be held for a defined period beyond one month. H&P reserves the right to charge for the extended holding of samples.

Hazardous Samples: Hazardous or difficult to dispose samples may be returned to the client. All samples received by H&P are subject to a per sample disposal fee.

Reporting Results: Analyses are reported in wet weight values. Dry weight values may be obtained when moisture content analysis is performed at an additional cost.

Payment Terms: Standard credit terms are net 30 days, and are independent of when clients are compensated. H&P reserves the right to require payment in advance until a credit application has been approved. Credit limits may at any time be increased or decreased, based upon payment history. Accounts over 30 days are subject to 1.5% per month interest (18% per annum). Delinquent accounts are liable for legal costs and fees incurred by H&P in its efforts to collect outstanding balances.

Sample Collection: H&P does not accept any liability with regard to the collection, preservation technique, or transportation method of samples by clients.

Limit of Liability: H&P strives to perform all services in accordance with the local standard of care in the geographic region at the time the services are rendered. Clients should recognize that all samples and sampling events are unique, and that not all samples can be successfully analyzed by generally accepted methods. If analysis proves unsuccessful, the total liability of H&P shall not exceed three times the invoiced amount for the services provided. This limit of liability shall supercede all clauses to the contrary, implied or otherwise, in any client purchase order or contract, unless different terms are authorized in advanced in writing by an officer of H&P.

MOBILE GEOCHEMISTRY

H&P

The Reynolds Group - Tustin	Project: TRG101807-11	
520 West 1st Street	Project Number 7115 Phase 250	Reported:
Tustin, CA 92780	Project Manager: Mr. John Cleary	23-Oct-07

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DRAFT VEW6-25', P135 4L	E710074-01	Vapor	18-Oct-07	18-Oct-07
DRAFT VEW5-5', P28 1L	E710074-02	Vapor	18-Oct-07	18-Oct-07
DRAFT VEW5-15', P71.4L	E710074-03	Vapor	18-Oct-07	18-Oct-07
DRAFT VEW5-25', P114.6L	E710074-04	Vapor	18-Oct-07	18-Oct-07
DRAFT VEW5-60', P266 1L	E710074-05	Vapor	18-Oct-07	18-Oct-07
DRAFT Trip Blank	E710074-06	Vapor	18-Oct-07	18-Oct-07

MOBILE GEOCHEMISTRY

H&P

The Reynolds Group - Tustin	Project: TRG101807-11	
520 West 1st Street	Project Number: 7115 Phase 250	Reported:
Tustin, CA 92780	Project Manager: Mr. John Cleary	23-Oct-07

DRAFT: Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DRAFT: VEW6-25', P135.4L (E710074-01) Vapor Sampled: 18-Oct-07 Received: 18-Oct-07									
1,1-Difluoroethane (LCC)	ND	10	ug/l	50	EJ72302	19-Oct-07	23-Oct-07	EPA TO-15	
Propene	ND	500	ug/m³ Air	"	"	"	19-Oct-07	"	
Dichlorodifluoromethane	ND	500	"	"	"	"	"	"	
Chloromethane	ND	250	"	"	"	"	"	"	
Dichlorotetrafluoroethane	ND	500	"	"	"	"	"	"	
Vinyl chloride	ND	250	"	"	"	"	"	"	
1,3-Butadiene	ND	250	"	"	"	"	"	"	
Bromomethane	ND	250	"	"	"	"	"	"	
Chloroethane	ND	250	"	"	"	"	"	"	
Trichlorofluoromethane	ND	250	"	"	"	"	"	"	
Acetone	93000	1000	"	"	"	"	"	"	E
1,1-Dichloroethene	2500	250	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane	ND	500	"	"	"	"	"	"	
Methylene chloride	ND	250	"	"	"	"	"	"	
Carbon disulfide	ND	250	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	250	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	250	"	"	"	"	"	"	
Vinyl acetate	ND	250	"	"	"	"	"	"	
1,1-Dichloroethane	ND	250	"	"	"	"	"	"	
2-Butanone	180000	250	"	"	"	"	"	"	E
n-Hexane	ND	250	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	250	"	"	"	"	"	"	
Ethyl acetate	ND	250	"	"	"	"	"	"	
Chloroform	ND	250	"	"	"	"	"	"	
Tetrahydrofuran	690000	250	"	"	"	"	"	"	E
1,1,1-Trichloroethane	440	250	"	"	"	"	"	"	
1,2-Dichloroethane	ND	250	"	"	"	"	"	"	
Benzene	ND	250	"	"	"	"	"	"	
Carbon tetrachloride	ND	250	"	"	"	"	"	"	
Cyclohexane	ND	250	"	"	"	"	"	"	
n-Heptane	ND	250	"	"	"	"	"	"	
Trichloroethene	9100	250	"	"	"	"	"	"	
1,2-Dichloropropane	ND	250	"	"	"	"	"	"	
1,4-Dioxane	ND	250	"	"	"	"	"	"	
Bromodichloromethane	ND	250	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	250	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	250	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	250	"	"	"	"	"	"	

MOBILE GEOCHEMISTRY

H&P

The Reynolds Group - Tustin	Project: TRG101807-11	
520 West 1st Street	Project Number: 7115 Phase 250	Reported:
Tustin, CA 92780	Project Manager: Mr John Cleary	23-Oct-07

DRAFT: Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DRAFT: VEW6-25', P135.4L (E710074-01) Vapor Sampled: 18-Oct-07 Received: 18-Oct-07									
Toluene	ND	250	ug/m³ Air	50	EJ72302	19-Oct-07	19-Oct-07	EPA TO-15	
1,1,2-Trichloroethane	ND	250	"	"	"	"	"	"	
2-Hexanone	ND	500	"	"	"	"	"	"	
Dibromochloromethane	ND	250	"	"	"	"	"	"	
Tetrachloroethene	8500	250	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	250	"	"	"	"	"	"	
Chlorobenzene	ND	250	"	"	"	"	"	"	
Ethylbenzene	ND	250	"	"	"	"	"	"	
m,p-Xylene	ND	250	"	"	"	"	"	"	
Styrene	ND	250	"	"	"	"	"	"	
o-Xylene	ND	250	"	"	"	"	"	"	
Bromoform	ND	1000	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	250	"	"	"	"	"	"	
4-Ethyltoluene	ND	250	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	250	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	250	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	500	"	"	"	"	"	"	
Benzyl chloride	ND	250	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	500	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	500	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	500	"	"	"	"	"	"	
Hexachlorobutadiene	1400	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*99.2 %*		*80-120*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*86.3 %*		*80-120*	"	"	"	"	

MOBILE GEOCHEMISTRY

H&P

The Reynolds Group - Tustin	Project: TRG101807-11	
520 West 1st Street	Project Number 7115 Phase 250	Reported
Tustin, CA 92780	Project Manager: Mr John Cleary	23-Oct-07

DRAFT: Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DRAFT: VEW5-5', P28.1L (E710074-02) Vapor Sampled: 18-Oct-07 Received: 18-Oct-07									
1,1-Difluoroethane (LCC)	ND	10	ug/l	50	EJ72302	19-Oct-07	23-Oct-07	EPA TO-15	
Propene	1000	500	ug/m³ Air	"	"	"	20-Oct-07	"	
Dichlorodifluoromethane	ND	500	"	"	"	"	"	"	
Chloromethane	ND	250	"	"	"	"	"	"	
Dichlorotetrafluoroethane	ND	500	"	"	"	"	"	"	
Vinyl chloride	ND	250	"	"	"	"	"	"	
1,3-Butadiene	ND	250	"	"	"	"	"	"	
Bromomethane	ND	250	"	"	"	"	"	"	
Chloroethane	ND	250	"	"	"	"	"	"	
Trichlorofluoromethane	ND	250	"	"	"	"	"	"	
Acetone	ND	1000	"	"	"	"	"	"	
1,1-Dichloroethene	3100	250	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane	630	500	"	"	"	"	"	"	
Methylene chloride	ND	250	"	"	"	"	"	"	
Carbon disulfide	ND	250	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	250	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	250	"	"	"	"	"	"	
Vinyl acetate	ND	250	"	"	"	"	"	"	
1,1-Dichloroethane	ND	250	"	"	"	"	"	"	
2-Butanone	3600	250	"	"	"	"	"	"	
n-Hexane	ND	250	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	250	"	"	"	"	"	"	
Ethyl acetate	ND	250	"	"	"	"	"	"	
Chloroform	ND	250	"	"	"	"	"	"	
Tetrahydrofuran	13000	250	"	"	"	"	"	"	
1,1,1-Trichloroethane	1300	250	"	"	"	"	"	"	
1,2-Dichloroethane	ND	250	"	"	"	"	"	"	
Benzene	ND	250	"	"	"	"	"	"	
Carbon tetrachloride	ND	250	"	"	"	"	"	"	
Cyclohexane	ND	250	"	"	"	"	"	"	
n-Heptane	ND	250	"	"	"	"	"	"	
Trichloroethene	8200	250	"	"	"	"	"	"	
1,2-Dichloropropane	ND	250	"	"	"	"	"	"	
1,4-Dioxane	ND	250	"	"	"	"	"	"	
Bromodichloromethane	ND	250	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	250	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	250	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	250	"	"	"	"	"	"	

MOBILE GEOCHEMISTRY

H&P

The Reynolds Group - Tustin	Project	TRG101807-11	
520 West 1st Street	Project Number	7115 Phase 250	Reported:
Tustin, CA 92780	Project Manager	Mr John Cleary	23-Oct-07

DRAFT: Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DRAFT: VEW5-5', P28.1L (E710074-02) Vapor Sampled: 18-Oct-07 Received: 18-Oct-07									
Toluene	ND	250	ug/m³ Air	50	EJ72302	19-Oct-07	20-Oct-07	EPA TO-15	
1,1,2-Trichloroethane	ND	250	"	"	"	"	"	"	
2-Hexanone	ND	500	"	"	"	"	"	"	
Dibromochloromethane	ND	250	"	"	"	"	"	"	
Tetrachloroethene	12000	250	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	250	"	"	"	"	"	"	
Chlorobenzene	ND	250	"	"	"	"	"	"	
Ethylbenzene	ND	250	"	"	"	"	"	"	
m,p-Xylene	ND	250	"	"	"	"	"	"	
Styrene	ND	250	"	"	"	"	"	"	
o-Xylene	ND	250	"	"	"	"	"	"	
Bromoform	ND	1000	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	250	"	"	"	"	"	"	
4-Ethyltoluene	ND	250	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	250	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	250	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	500	"	"	"	"	"	"	
Benzyl chloride	ND	250	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	500	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	500	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	500	"	"	"	"	"	"	
Hexachlorobutadiene	ND	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*99.9 %*		*80-120*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*83.5 %*		*80-120*	"	"	"	"	

MOBILE GEOCHEMISTRY

H&P

The Reynolds Group - Tustin	Project: TRG101807-11	
520 West 1st Street	Project Number: 7115 Phase 250	Reported:
Tustin, CA 92780	Project Manager: Mr. John Cleary	23-Oct-07

DRAFT: Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DRAFT: VEW5-15', P71.4L (E710074-03) Vapor Sampled: 18-Oct-07 Received: 18-Oct-07									
1,1-Difluoroethane (LCC)	ND	10	ug/l	50	EJ72302	19-Oct-07	23-Oct-07	EPA TO-15	
Propene	1300	500	ug/m³ Air	"	"	"	20-Oct-07	"	
Dichlorodifluoromethane	ND	500	"	"	"	"	"	"	
Chloromethane	ND	250	"	"	"	"	"	"	
Dichlorotetrafluoroethane	ND	500	"	"	"	"	"	"	
Vinyl chloride	ND	250	"	"	"	"	"	"	
1,3-Butadiene	ND	250	"	"	"	"	"	"	
Bromomethane	ND	250	"	"	"	"	"	"	
Chloroethane	ND	250	"	"	"	"	"	"	
Trichlorofluoromethane	ND	250	"	"	"	"	"	"	
Acetone	1100	1000	"	"	"	"	"	"	
1,1-Dichloroethene	7800	250	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane	1600	500	"	"	"	"	"	"	
Methylene chloride	ND	250	"	"	"	"	"	"	
Carbon disulfide	ND	250	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	250	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	250	"	"	"	"	"	"	
Vinyl acetate	ND	250	"	"	"	"	"	"	
1,1-Dichloroethane	360	250	"	"	"	"	"	"	
2-Butanone	660	250	"	"	"	"	"	"	
n-Hexane	ND	250	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	250	"	"	"	"	"	"	
Ethyl acetate	ND	250	"	"	"	"	"	"	
Chloroform	270	250	"	"	"	"	"	"	
Tetrahydrofuran	2200	250	"	"	"	"	"	"	
1,1,1-Trichloroethane	1500	250	"	"	"	"	"	"	
1,2-Dichloroethane	ND	250	"	"	"	"	"	"	
Benzene	ND	250	"	"	"	"	"	"	
Carbon tetrachloride	ND	250	"	"	"	"	"	"	
Cyclohexane	ND	250	"	"	"	"	"	"	
n-Heptane	ND	250	"	"	"	"	"	"	
Trichloroethene	13000	250	"	"	"	"	"	"	
1,2-Dichloropropane	ND	250	"	"	"	"	"	"	
1,4-Dioxane	ND	250	"	"	"	"	"	"	
Bromodichloromethane	ND	250	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	250	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	250	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	250	"	"	"	"	"	"	

MOBILE GEOCHEMISTRY

H&P

The Reynolds Group - Tustin	Project: TRG101807-11	
520 West 1st Street	Project Number: 7115 Phase 250	Reported:
Tustin, CA 92780	Project Manager: Mr John Cleary	23-Oct-07

DRAFT: Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DRAFT: VEW5-15', P71.4L (E710074-03) Vapor Sampled: 18-Oct-07 Received: 18-Oct-07									
Toluene	330	250	ug/m³ Air	50	EJ72302	19-Oct-07	20-Oct-07	EPA TO-15	
1,1,2-Trichloroethane	ND	250	"	"	"	"	"	"	
2-Hexanone	ND	500	"	"	"	"	"	"	
Dibromochloromethane	ND	250	"	"	"	"	"	"	
Tetrachloroethene	19000	250	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	250	"	"	"	"	"	"	
Chlorobenzene	ND	250	"	"	"	"	"	"	
Ethylbenzene	ND	250	"	"	"	"	"	"	
m,p-Xylene	ND	250	"	"	"	"	"	"	
Styrene	ND	250	"	"	"	"	"	"	
o-Xylene	ND	250	"	"	"	"	"	"	
Bromoform	ND	1000	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	250	"	"	"	"	"	"	
4-Ethyltoluene	ND	250	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	250	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	250	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	500	"	"	"	"	"	"	
Benzyl chloride	ND	250	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	500	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	500	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	580	500	"	"	"	"	"	"	
Hexachlorobutadiene	1500	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*98.8 %*		*80-120*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*81.9 %*		*80-120*	"	"	"	"	

MOBILE GEOCHEMISTRY

H&P

The Reynolds Group - Tustin	Project: TRG101807-11	
520 West 1st Street	Project Number: 7115 Phase 250	Reported:
Tustin, CA 92780	Project Manager: Mr. John Cleary	23-Oct-07

DRAFT: Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DRAFT: VEW5-25', P114.6L (E710074-04) Vapor Sampled: 18-Oct-07 Received: 18-Oct-07									
1,1-Difluoroethane (LCC)	ND	10	ug/l	50	E372302	19-Oct-07	23-Oct-07	EPA TO-15	
Propene	ND	500	ug/m³ Air	"	"	"	20-Oct-07	"	
Dichlorodifluoromethane	ND	500	"	"	"	"	"	"	
Chloromethane	ND	250	"	"	"	"	"	"	
Dichlorotetrafluoroethane	ND	500	"	"	"	"	"	"	
Vinyl chloride	ND	250	"	"	"	"	"	"	
1,3-Butadiene	ND	250	"	"	"	"	"	"	
Bromomethane	ND	250	"	"	"	"	"	"	
Chloroethane	ND	250	"	"	"	"	"	"	
Trichlorofluoromethane	ND	250	"	"	"	"	"	"	
Acetone	ND	1000	"	"	"	"	"	"	
1,1-Dichloroethene	11000	250	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane	1600	500	"	"	"	"	"	"	
Methylene chloride	ND	250	"	"	"	"	"	"	
Carbon disulfide	ND	250	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	250	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	250	"	"	"	"	"	"	
Vinyl acetate	ND	250	"	"	"	"	"	"	
1,1-Dichloroethane	ND	250	"	"	"	"	"	"	
2-Butanone	ND	250	"	"	"	"	"	"	
n-Hexane	ND	250	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	250	"	"	"	"	"	"	
Ethyl acetate	ND	250	"	"	"	"	"	"	
Chloroform	ND	250	"	"	"	"	"	"	
Tetrahydrofuran	1200	250	"	"	"	"	"	"	
1,1,1-Trichloroethane	970	250	"	"	"	"	"	"	
1,2-Dichloroethane	ND	250	"	"	"	"	"	"	
Benzene	ND	250	"	"	"	"	"	"	
Carbon tetrachloride	ND	250	"	"	"	"	"	"	
Cyclohexane	ND	250	"	"	"	"	"	"	
n-Heptane	ND	250	"	"	"	"	"	"	
Trichloroethene	17000	250	"	"	"	"	"	"	
1,2-Dichloropropane	ND	250	"	"	"	"	"	"	
1,4-Dioxane	ND	250	"	"	"	"	"	"	
Bromodichloromethane	ND	250	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	250	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	250	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	250	"	"	"	"	"	"	

MOBILE GEOCHEMISTRY

H&P

The Reynolds Group - Tustin	Project TRG101807-11	
520 West 1st Street	Project Number 7115 Phase 250	Reported
Tustin, CA 92780	Project Manager Mr John Cleary	23-Oct-07

DRAFT: Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DRAFT: VEW5-25', P114.6L (E710074-04) Vapor Sampled: 18-Oct-07 Received: 18-Oct-07									
Toluene	ND	250	ug/m³ Air	50	EJ72302	19-Oct-07	20-Oct-07	EPA TO-15	
1,1,2-Trichloroethane	ND	250	"	"	"	"	"	"	
2-Hexanone	ND	500	"	"	"	"	"	"	
Dibromochloromethane	ND	250	"	"	"	"	"	"	
Tetrachloroethene	16000	250	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	250	"	"	"	"	"	"	
Chlorobenzene	ND	250	"	"	"	"	"	"	
Ethylbenzene	ND	250	"	"	"	"	"	"	
m,p-Xylene	ND	250	"	"	"	"	"	"	
Styrene	ND	250	"	"	"	"	"	"	
o-Xylene	ND	250	"	"	"	"	"	"	
Bromoform	ND	1000	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	250	"	"	"	"	"	"	
4-Ethyltoluene	ND	250	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	250	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	250	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	500	"	"	"	"	"	"	
Benzyl chloride	ND	250	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	500	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	500	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	500	"	"	"	"	"	"	
Hexachlorobutadiene	ND	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*100 %*		*80-120*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*80.2 %*		*80-120*	"	"	"	"	

MOBILE GEOCHEMISTRY

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The Reynolds Group - Tustin	Project: TRG101807-11	
520 West 1st Street	Project Number: 7115 Phase 250	Reported:
Tustin, CA 92780	Project Manager Mr John Cleary	23-Oct-07

DRAFT: Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DRAFT: VEW5-60', P266.1L (E710074-05) Vapor Sampled: 18-Oct-07 Received: 18-Oct-07									
1,1-Difluoroethane (LCC)	ND	10	ug/l	50	EJ72302	19-Oct-07	23-Oct-07	EPA TO-15	
Propene	ND	10000	ug/m³ Air	1000	"	"	23-Oct-07	"	
Dichlorodifluoromethane	ND	10000	"	"	"	"	"	"	
Chloromethane	ND	5000	"	"	"	"	"	"	
Dichlorotetrafluoroethane	ND	10000	"	"	"	"	"	"	
Vinyl chloride	ND	5000	"	"	"	"	"	"	
1,3-Butadiene	ND	5000	"	"	"	"	"	"	
Bromomethane	ND	5000	"	"	"	"	"	"	
Chloroethane	ND	5000	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5000	"	"	"	"	"	"	
Acetone	ND	20000	"	"	"	"	"	"	
1,1-Dichloroethene	150000	5000	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane	14000	10000	"	"	"	"	"	"	
Methylene chloride	ND	5000	"	"	"	"	"	"	
Carbon disulfide	ND	5000	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5000	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5000	"	"	"	"	"	"	
Vinyl acetate	ND	5000	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5000	"	"	"	"	"	"	
2-Butanone	ND	5000	"	"	"	"	"	"	
n-Hexane	ND	5000	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5000	"	"	"	"	"	"	
Ethyl acetate	ND	5000	"	"	"	"	"	"	
Chloroform	ND	5000	"	"	"	"	"	"	
Tetrahydrofuran	ND	5000	"	"	"	"	"	"	
1,1,1-Trichloroethane	32000	5000	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5000	"	"	"	"	"	"	
Benzene	ND	5000	"	"	"	"	"	"	
Carbon tetrachloride	ND	5000	"	"	"	"	"	"	
Cyclohexane	ND	5000	"	"	"	"	"	"	
n-Heptane	ND	5000	"	"	"	"	"	"	
Trichloroethene	570000	5000	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5000	"	"	"	"	"	"	
1,4-Dioxane	ND	5000	"	"	"	"	"	"	
Bromodichloromethane	ND	5000	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5000	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	5000	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5000	"	"	"	"	"	"	

MOBILE GEOCHEMISTRY

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The Reynolds Group - Tustin	Project TRG101807-11	
520 West 1st Street	Project Number 7115 Phase 250	Reported
Tustin, CA 92780	Project Manager: Mr. John Cleary	23-Oct-07

DRAFT: Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DRAFT: VEW5-60', P266.1L (E710074-05) Vapor Sampled: 18-Oct-07 Received: 18-Oct-07									
Toluene	ND	5000	ug/m³ Air	1000	EJ72302	19-Oct-07	23-Oct-07	EPA TO-15	
1,1,2-Trichloroethane	ND	5000	"	"	"	"	"	"	
2-Hexanone	ND	10000	"	"	"	"	"	"	
Dibromochloromethane	ND	5000	"	"	"	"	"	"	
Tetrachloroethene	140000	5000	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5000	"	"	"	"	"	"	
Chlorobenzene	ND	5000	"	"	"	"	"	"	
Ethylbenzene	ND	5000	"	"	"	"	"	"	
m,p-Xylene	ND	5000	"	"	"	"	"	"	
Styrene	ND	5000	"	"	"	"	"	"	
o-Xylene	ND	5000	"	"	"	"	"	"	
Bromoform	ND	20000	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5000	"	"	"	"	"	"	
4-Ethyltoluene	ND	5000	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5000	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5000	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	10000	"	"	"	"	"	"	
Benzyl chloride	ND	5000	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	10000	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	10000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	10000	"	"	"	"	"	"	
Hexachlorobutadiene	ND	10000	"	"	"	"	"	"	
Surrogate: Toluene-d8		*100 %*		*80-120*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*78.0 %*		*80-120*	"	"	"	"	*S-QC*

MOBILE GEOCHEMISTRY

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The Reynolds Group - Tustin	Project: TRG101807-11	
520 West 1st Street	Project Number: 7115 Phase 250	Reported:
Tustin, CA 92780	Project Manager: Mr John Cleary	23-Oct-07

DRAFT: Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DRAFT: Trip Blank (E710074-06) Vapor Sampled: 18-Oct-07 Received: 18-Oct-07									
1,1-Difluoroethane (LCC)	ND	10	ug/l	1000	EJ72302	19-Oct-07	23-Oct-07	EPA TO-15	
Propene	ND	10	ug/m³ Air	1	"	"	19-Oct-07	"	
Dichlorodifluoromethane	ND	10	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
Dichlorotetrafluoroethane	ND	10	"	"	"	"	"	"	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
1,3-Butadiene	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
Acetone	ND	20	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane	ND	10	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Carbon disulfide	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Vinyl acetate	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
2-Butanone	ND	5.0	"	"	"	"	"	"	
n-Hexane	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
Ethyl acetate	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Tetrahydrofuran	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Cyclohexane	ND	5.0	"	"	"	"	"	"	
n-Heptane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,4-Dioxane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	

MOBILE GEOCHEMISTRY

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The Reynolds Group - Tustin	Project TRG101807-11	
520 West 1st Street	Project Number: 7115 Phase 250	Reported:
Tustin, CA 92780	Project Manager: Mr. John Cleary	23-Oct-07

DRAFT: Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DRAFT: Trip Blank (E710074-06) Vapor Sampled: 18-Oct-07 Received: 18-Oct-07									
Toluene	ND	5.0	ug/m³ Air	1	EJ72302	19-Oct-07	19-Oct-07	EPA TO-15	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
2-Hexanone	ND	10	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	20	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	10	"	"	"	"	"	"	
Benzyl chloride	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	10	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	10	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	10	"	"	"	"	"	"	
Hexachlorobutadiene	ND	10	"	"	"	"	"	"	
Surrogate: Toluene-d8		*100 %*		*80-120*		"	"	"	
Surrogate: 4-Bromofluorobenzene		*85.7 %*		*80-120*		"	"	"	

MOBILE GEOCHEMISTRY

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The Reynolds Group - Tustin	Project TRG101807-11	
520 West 1st Street	Project Number 7115 Phase 250	Reported:
Tustin, CA 92780	Project Manager. Mr. John Cleary	23-Oct-07

DRAFT: Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EJ72302 - TO-15										
Blank (EJ72302-BLK1)				Prepared & Analyzed 19-Oct-07						
1,1-Difluoroethane (LCC)	ND	10	ug/l							
Propene	ND	10	ug/m³ Air							
Dichlorodifluoromethane	ND	10	"							
Chloromethane	ND	5.0	"							
Dichlorotetrafluoroethane	ND	10	"							
Vinyl chloride	ND	5.0	"							
1,3-Butadiene	ND	5.0	"							
Bromomethane	ND	5.0	"							
Chloroethane	ND	5.0	"							
Trichlorofluoromethane	ND	5.0	"							
Acetone	ND	20	"							
1,1-Dichloroethene	ND	5.0	"							
1,1,2-Trichlorotrifluoroethane	ND	10	"							
Methylene chloride	ND	5.0	"							
Carbon disulfide	ND	5.0	"							
trans-1,2-Dichloroethene	ND	5.0	"							
Methyl tert-butyl ether	ND	5.0	"							
Vinyl acetate	ND	5.0	"							
1,1-Dichloroethane	ND	5.0	"							
2-Butanone	ND	5.0	"							
n-Hexane	ND	5.0	"							
cis-1,2-Dichloroethene	ND	5.0	"							
Ethyl acetate	ND	5.0	"							
Chloroform	ND	5.0	"							
Tetrahydrofuran	ND	5.0	"							
1,1,1-Trichloroethane	ND	5.0	"							
1,2-Dichloroethane	ND	5.0	"							
Benzene	ND	5.0	"							
Carbon tetrachloride	ND	5.0	"							
Cyclohexane	ND	5.0	"							
n-Heptane	ND	5.0	"							
Trichloroethene	ND	5.0	"							
1,2-Dichloropropane	ND	5.0	"							
1,4-Dioxane	ND	5.0	"							

MOBILE GEOCHEMISTRY

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The Reynolds Group - Tustin	Project: TRG101807-11	
520 West 1st Street	Project Number: 7115 Phase 250	Reported:
Tustin, CA 92780	Project Manager: Mr. John Cleary	23-Oct-07

DRAFT: Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EJ72302 - TO-15										
Blank (EJ72302-BLK1)				Prepared & Analyzed: 19-Oct-07						
Bromodichloromethane	ND	5.0	ug/m³ Air							
cis-1,3-Dichloropropene	ND	5.0	"							
4-Methyl-2-pentanone	ND	5.0	"							
trans-1,3-Dichloropropene	ND	5.0	"							
Toluene	ND	5.0	"							
1,1,2-Trichloroethane	ND	5.0	"							
2-Hexanone	ND	10	"							
Dibromochloromethane	ND	5.0	"							
Tetrachloroethene	ND	5.0	"							
1,2-Dibromoethane (EDB)	ND	5.0	"							
Chlorobenzene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
m,p-Xylene	ND	5.0	"							
Styrene	ND	5.0	"							
o-Xylene	ND	5.0	"							
Bromoform	ND	20	"							
1,1,2,2-Tetrachloroethane	ND	5.0	"							
4-Ethyltoluene	ND	5.0	"							
1,3,5-Trimethylbenzene	ND	5.0	"							
1,2,4-Trimethylbenzene	ND	5.0	"							
1,3-Dichlorobenzene	ND	10	"							
Benzyl chloride	ND	5.0	"							
1,4-Dichlorobenzene	ND	10	"							
1,2-Dichlorobenzene	ND	10	"							
1,2,4-Trichlorobenzene	ND	10	"							
Hexachlorobutadiene	ND	10	"							
Surrogate: 1,2-Dichloroethane-d4	*91.8*		"	*103*		*89.1*	*80-120*			
Surrogate: Toluene-d8	*93.4*		"	*96.2*		*97.1*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*171*		"	*182*		*94.0*	*80-120*			

MOBILE GEOCHEMISTRY

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The Reynolds Group - Tustin	Project: TRG101807-11	
520 West 1st Street	Project Number: 7115 Phase 250	Reported:
Tustin, CA 92780	Project Manager: Mr. John Cleary	23-Oct-07

DRAFT: Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EJ72302 - TO-15										
LCS (EJ72302-BS1)				Prepared & Analyzed: 19-Oct-07						
Propene	35.7	10	ug/m³ Air	35.0		102	65-135			
Dichlorodifluoromethane	107	10	"	101		106	65-135			
Chloromethane	43.3	5.0	"	42.0		103	65-135			
Dichlorotetrafluoroethane	153	10	"	142		108	65-135			
Vinyl chloride	54.3	5.0	"	52.0		104	65-135			
1,3-Butadiene	45.9	5.0	"	44.8		102	65-135			
Bromomethane	84.4	5.0	"	79.2		107	65-135			
Chloroethane	58.2	5.0	"	53.6		109	65-135			
Trichlorofluoromethane	117	5.0	"	113		104	65-135			
Acetone	45.9	20	"	48.4		94.8	65-135			
1,1-Dichloroethene	83.1	5.0	"	80.8		103	65-135			
1,1,2-Trichlorotrifluoroethane	160	10	"	155		103	65-135			
Methylene chloride	74.3	5.0	"	70.8		105	65-135			
Carbon disulfide	63.9	5.0	"	63.2		101	65-135			
trans-1,2-Dichloroethene	82.3	5.0	"	80.8		102	65-135			
Methyl tert-butyl ether	75.2	5.0	"	73.6		102	65-135			
Vinyl acetate	66.8	5.0	"	72.0		92.8	65-135			
1,1-Dichloroethane	84.4	5.0	"	82.4		102	65-135			
2-Butanone	61.7	5.0	"	60.0		103	65-135			
n-Hexane	79.3	5.0	"	72.0		110	65-135			
cis-1,2-Dichloroethene	83.5	5.0	"	80.0		104	65-135			
Ethyl acetate	73.1	5.0	"	73.6		99.3	65-135			
Chloroform	103	5.0	"	99.2		104	65-135			
Tetrahydrofuran	62.2	5.0	"	60.0		104	65-135			
1,1,1-Trichloroethane	113	5.0	"	111		102	65-135			
1,2-Dichloroethane	79.3	5.0	"	82.4		96.2	65-135			
Benzene	71.4	5.0	"	64.8		110	65-135			
Carbon tetrachloride	127	5.0	"	128		99.2	65-135			
Cyclohexane	73.4	5.0	"	70.4		104	65-135			
n-Heptane	93.0	5.0	"	83.6		111	65-135			
Trichloroethene	116	5.0	"	110		105	65-135			
1,2-Dichloropropane	102	5.0	"	94.4		108	65-135			
1,4-Dioxane	70.0	5.0	"	73.6		95.1	65-135			
Bromodichloromethane	136	5.0	"	137		99.3	65-135			

MOBILE GEOCHEMISTRY

H&P

The Reynolds Group - Tustin	Project: TRG101807-11	
520 West 1st Street	Project Number: 7115 Phase 250	Reported:
Tustin, CA 92780	Project Manager: Mr. John Cleary	23-Oct-07

DRAFT: Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EJ72302 - TO-15										
LCS (EJ72302-BS1)				Prepared & Analyzed 19-Oct-07						
cis-1,3-Dichloropropene	94.8	5.0	ug/m³ Air	92.4		103	65-135			
4-Methyl-2-pentanone	78.8	5.0	"	83.2		94.7	65-135			
trans-1,3-Dichloropropene	88.4	5.0	"	92.4		95.7	65-135			
Toluene	81.8	5.0	"	76.8		107	65-135			
1,1,2-Trichloroethane	117	5.0	"	111		105	65-135			
2-Hexanone	73.6	10	"	83.2		88.5	65-135			
Dibromochloromethane	170	5.0	"	174		97.7	65-135			
Tetrachloroethene	147	5.0	"	138		107	65-135			
1,2-Dibromoethane (EDB)	159	5.0	"	157		101	65-135			
Chlorobenzene	117	5.0	"	93.6		125	65-135			
Ethylbenzene	107	5.0	"	88.4		121	65-135			
m,p-Xylene	209	5.0	"	177		118	65-135			
Styrene	102	5.0	"	86.8		118	65-135			
o-Xylene	104	5.0	"	88.4		118	65-135			
Bromoform	956	20	"	840		114	65-135			
1,1,2,2-Tetrachloroethane	161	5.0	"	140		115	65-135			
4-Ethyltoluene	111	5.0	"	100		111	65-135			
1,3,5-Trimethylbenzene	108	5.0	"	100		108	65-135			
1,2,4-Trimethylbenzene	108	5.0	"	100		108	65-135			
1,3-Dichlorobenzene	125	10	"	122		102	65-135			
Benzyl chloride	97.7	5.0	"	105		93.0	65-135			
1,4-Dichlorobenzene	132	10	"	122		108	65-135			
1,2-Dichlorobenzene	126	10	"	122		103	65-135			
1,2,4-Trichlorobenzene	115	10	"	151		76.2	65-135			
Hexachlorobutadiene	188	10	"	218		86.2	65-135			
Surrogate: 1,2-Dichloroethane-d4	*88.2*		"	*103*		*85.6*	*80-120*			
Surrogate: Toluene-d8	*93.9*		"	*96.2*		*97.6*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*189*		"	*182*		*104*	*80-120*			

MOBILE GEOCHEMISTRY

H&P

The Reynolds Group - Tustin	Project: TRG101807-11	
520 West 1st Street	Project Number: 7115 Phase 250	Reported
Tustin, CA 92780	Project Manager: Mr. John Cleary	23-Oct-07

Notes and Definitions

S-QC	Surrogate recovery is outside of acceptance limits. Spike recovery acceptable
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument This value is considered an estimate (CLP E-flag)
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference