Chevron

Satya P. Sinha
Project Manager
Retail and Terminal
Business Unit

Chevron Environmental Management Company
6001 Bollinger Canyon Road,
Room K2256
San Ramon, CA 94583
Tel (925) 842-9876
Fax (925) 842-8370
satyasinha@chevron.com

Alameda County Health Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

RE: Chevron Service Station # 9-3322

Address 7225 Bancroft. Ave., Oakland, CA

I have reviewed the attached report dated Nov. 16, 2006.

I agree with the conclusions and recommendations presented in the referenced report. The information in this report is accurate to the best of my knowledge and all local Agency/Regional Board guidelines have been followed. This report was prepared by Cambria Environmental Technology, Inc., upon whose assistance and advice I have relied.

This letter is submitted pursuant to the requirements of California Water Code Section 13267(b) (1) and the regulating implementation entitled Appendix A pertaining thereto.

I declare under penalty of perjury that the foregoing is true and correct.

Sincerely,

Satya P. Sinha

Satya P. Sinha

Attachment: Report

CAMBRIA

November 16, 2006

Mr. Barney Chan
Alameda County Health Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: **Soil Vapor Sampling Report**
Former Chevron SS #9-3322
7225 Bancroft Ave.
Oakland, California
ACEH Case No. RO274
Cambria Project No. 31J-1806

Dear Mr. Chan:

On behalf of Chevron Environmental Management Company (Chevron), Cambria Environmental Technology Inc. (Cambria) submits this report summarizing the results of Third Quarter 2006 soil vapor sampling at the site referenced above. Presented below are a site description, history and investigation results.

SITE DESCRIPTION

The site currently operates as a "Silver Gas" service station. It is located on a parcel bordered by Bancroft Avenue to the northeast, Halliday Avenue to the southwest, and 73rd Avenue to the southeast (Figure 1). The surrounding area is primarily residential with the Eastmont Mall located to the north across Bancroft Avenue. A Union 76 branded service station is located across Bancroft Avenue to the northeast. The site elevation is approximately 40 feet above mean sea level and the topography slopes gently towards San Francisco Bay, approximately two miles to the west. Arroyo Creek, the nearest surface body of water, is located approximately 1,300 feet south of the site. The site consists of three 10,000-gallon single-walled fiberglass underground storage tanks (USTs), five dispenser islands, and a small kiosk building (Figure 2). Chevron sold the property to Malwa Petroleum Sales, LLC (Malwa) in September 2000. Malwa sold the property to the current owners, Mike and Dean Najdawi, in July 2001.

SITE HISTORY

1981 UST Removal and Replacement: Chevron records indicate the current USTs were installed in 1981. These tanks represent at least the second generation of USTs at the site. Prior to 1981, no regulations requiring soil or the groundwater sampling existed to document conditions associated with the fuel system. As a result, no records of soil or groundwater conditions were recorded during the tank removal and installations.

Cambria Environmental Technology, Inc.

5900 Hollis Street
Suite A
Emeryville, CA 94608
Tel (510) 420-0700
Fax (510) 420-9170

CAMBRIA

August 1996 Product Line Removal and Replacement: Gettler-Ryan Inc. (GR) of Dublin, California removed and replaced product piping at the site in August 1996. Touchstone Developments of Santa Rosa, California collected compliance soil samples ranging from 2 to 4 feet below grade (fbg). Samples taken beneath the product lines and USTs contained up to 500 milligrams per kilogram (mg/kg) total petroleum hydrocarbons as gasoline (TPHg) and 4.2 mg/kg benzene in the vicinity of the center pump island. Either non-detected or low hydrocarbon concentrations were observed in all other samples. Records indicate that approximately 300 cubic yards of soil and pea gravel were excavated during line removal activities. The excavated soil and pea gravel were transported by Allwaste Transportation and Remediation, Inc. to Redwood Landfill in Novato, California. The removed product piping was disposed of by Erickson, Inc. in Richmond, California.

January 1998 Well Installation: In January 1998, GR observed Bay Area Exploration Services, Inc. (BAES) install 2-inch diameter monitoring wells MW-1 through MW-3. Maximum TPHg and benzene concentrations in soil were detected at concentrations of 23 mg/kg and 0.053 mg/kg, respectively, in MW-1 at 15 fbg. TPHg was detected in all groundwater samples from 24,000 (MW-2) to 130,000 (MW-1) micrograms per liter (µg/l). Benzene was also detected in all groundwater samples up to 12,000 µg/l (MW-3). Methyl tertiary butyl ether (MTBE) was detected in groundwater samples from MW-2 and MW-3 at 2,300 and 8,000 µg/l, respectively. Soil cuttings were transported by Integrated Wastestream Management (IWM) of Milpitas, California for disposal at Republic Services Landfill in Livermore, California.

July 1998 Well Survey: In July 1998, GR conducted a search of California Department of Water Resources records to identify domestic and municipal supply wells within a 0.5-mile radius of the site. Seven wells were located within the search area but none were identified as either domestic or municipal wells.

January 1999 Well Installation: In January 1999, GR observed BAES install 2-inch diameter monitoring wells MW-4 through MW-6 to further delineate the extent of hydrocarbons in soil and groundwater beneath the site. No hydrocarbons were detected in soil samples from any of the three wells. However, groundwater from MW-6, located downgradient of MW-3 contained 14,000 ug/l TPHg and 5,600 µg/l benzene.

July 2000 Baseline Investigation: In July 2000, Cambria observed Vironex Inc. of San Leandro, California, advance soil borings B-1 and B-2 and install monitoring well MW-7. The purpose of the investigation was to provide information of environmental conditions beneath the site at the time of property transfer. Maximum soil concentrations of TPHg and benzene were detected in Boring B-2 at 140 and 0.88 mg/kg, respectively at 18 fbg. MTBE was initially detected in boring B-2 at 18 fbg at 1.7 mg/kg by EPA Method 8020, but was determined to be a "false positive"

after analysis of the same sample by EPA Method 8260B. The highest TPHg and benzene concentrations detected in groundwater were 11,000 and 4,300 µg/l, respectively, in well MW-7. Maximum MTBE in groundwater at 2,000 µg/l was detected in boring B-1 by EPA Method 8260B. No groundwater sample was collected from boring B-2 due to low flow conditions.

September 2000 Additional Baseline Investigation: In September 2000, Cambria observed V&W Drilling of Hayward, California advance borings SB-4 through SB-6. The purpose of this investigation was to provide additional environmental data to satisfy real estate and lending requirements of the station operator for purchase of site facilities. No MTBE was detected in soil samples analyzed by EPA Method 8260B. Boring SB-5 contained the highest concentrations of TPHg and benzene at 1,400 and 3.1 mg/kg, respectively, in a sample collected at 24 fbg. No groundwater samples were collected from borings SB-4 through SB-6.

March 2005 Vapor Probe Installation: In March 2005, Cambria observed Gregg Drilling & Testing, Inc. of Martinez, California install vapor probes VP-1 through VP-4 at 3 discrete depths to construct a horizontal and vertical profile of vapor concentrations along the down-gradient property boundary and in the area of recurring non-aqueous phase liquids (NAPL). The only detection of benzene vapors collected during this investigation was 41 µg/m^3 from vapor probe VP-4 at 10 fbg. Vapor sampling ahs been conducted quarterly.

SITE CONDITIONS

Soil Lithology: The site is underlain primarily by interbedded clay, silt, and gravel. Fine grained materials consisting of clay to sandy clay exist between the surface and 11 to 15 fbg. Clayey gravel grading to sandy gravel underlies the clay layer to approximately 36.5 fbg, the maximum depth explored. A five-foot thick silt layer was observed during installation of wells MW-3 through MW-6 from 20 to 25 fbg, along the northwestern portion of the property.

Groundwater: The site is located within the East Bay Plain groundwater basin. Groundwater usually occurs between 13 and 20 fbg, but has been measured from 7 to 22 fbg. General groundwater flow direction varies from north to northwest, at an average gradient of 0.08.

Hydrocarbon Concentrations in Groundwater: NAPL has been observed on the water table in well MW-1 since June 1999 at a maximum thickness of 0.52 feet in the First Quarter 2006. A sample of the NAPL from well MW-1 has been fingerprinted as pre-1992 leaded gasoline. The highest TPHg concentration detected in groundwater was 370,000 µg/l, seen in well MW-1 in July 1998, prior to the occurrence of NAPL. With the exception of five detections of MTBE, all less than 1.0 µg/l, no hydrocarbons have ever been detected in well MW-4, downgradient of MW-1. This suggests that groundwater migration beneath the site is minimal. Wells MW-4 through MW-6 are located along the down-gradient property boundary. Well MW- 5 has had

very few, inconsistent detections of TPHg, benzene and MTBE, most recently 0.9 µg/l MTBE in August 2006. Well MW-6, located down-gradient of well MW-3, has contained up to 25,000, 8,800 and 2,930 µg/l TPHg, benzene and MTBE, respectively. Third Quarter 2006 concentrations of TPHg, benzene and MTBE in well MW-6 are 51, <0.5 and 75 µg/l, respectively.

SAMPLING RESULTS

On September 28 and 29, 2006, vapor probes VP-1 through VP-4 were sampled at three discrete depths. Purging and sampling was conducted at a rate of approximately 100 milliliters per minute (mL/min). Vapor samples were collected in one liter Summa™ canisters after removing approximately three purge volumes from each discrete interval. Leak testing was performed following DTSC guidelines using shaving cream with isobutane as the specific tracer. Isobutane, butane and propane were identified by modified EPA method TO-15 as the most abundant compounds of the specific shaving cream analyzed and indicated by distinctive peaks on the petroleum hydrocarbon chromatograph separate from TPH in the gasoline range. The standard compound of the leak test, based on analysis of the shaving cream, is isobutane at 150,000 parts per billion by volume (ppbv). Although isobutane was reported in some of the samples, the largest amount reported was less than 500 ppbv, an amount considered negligible, being less than 0.003 percent of the standard. High concentrations of isobutane were reported in VP-4 at 10 fbg, most likely due to the presence of NAPL in well MW-1, adjacent to VP-4.

Laboratory Analysis: Soil vapor samples were analyzed for:

- TPHg by modified EPA Method TO-3,
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX), methyl tertiary butyl ether (MTBE), di-isopropyl ether (DIPE), ethyl tertiary-butyl ether (ETBE), tertiary-amyl ethyl ether (TAME), and tertiary-butyl alcohol (TBA), 1,2-dichloroethane (1,2-DCA or EDC), ethyl dibromide (EDB), ethanol, butane, isobutane and propane by modified EPA Method TO-15.
- Oxygen and carbon dioxide by modified EPA Method ASTM D-1946.

In the Third Quarter 2006, Cambria changed analysis method for TPHg from modified EPA Method TO-15 to modified EPA Method TO-3. This was based on discussions with Chevron Environmental Technology Company and Air Toxics Ltd. as a more accurate method for analyzing TPHg.

CAMBRIA

ANALYTIC RESULTS FOR VAPOR

Maximum soil vapor concentrations were detected in samples collected from VP-4 at 10 fbg. TPHg was detected at a maximum concentration of 42,000,000 $\mu g/m^3$. BTEX constituents were detected at maximum concentrations of 180,000 $\mu g/m^3$, 420,000 $\mu g/m^3$, 440,000 $\mu g/m^3$ and 250,000 $\mu g/m^3$, respectively. There have been two detections of benzene in VP-2, 220 $\mu g/m^3$ in 3Q05 and 5.2 $\mu g/m^3$ in 3Q06. There have been no detections of benzene in VP-3. VP-2 and VP-3 are along the down-gradient property line.

Currently there are no defined ESLs for soil vapor collected at five fbg or deeper. The shallow soil gas ESLs presented in *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Interim Final* dated February, 2005, are designed to evaluate soil vapor collected below a building foundation or ground surface at less than five fbg. However, the California Department of Toxic Substances guidelines presented in *Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air – Interim Final* dated February 2005, state that to characterize a site by modeling, probes installed adjacent to a building should not be installed at less than 5 fbg to prevent potential atmospheric breakthrough. Cambria will submit 3Q06 vapor sampling results to Chevron for a human health risk assessment on the downgradient residences to be presented under separate cover.

CONCLUSIONS

High concentrations of TPHg and benzene vapors were detected in VP-4, adjacent to MW-1, which has contained NAPL accumulations since June 1999. Cambria submitted a *Remedial Action Workplan* on October 13, 2006 to address NAPL in MW-1. Reduction of NAPL in MW-1 should result in decreased hydrocarbon vapor concentrations in VP-4. Quarterly vapor monitoring will continue into 2007 to monitor the effectiveness of the remediation.

CAMBRIA

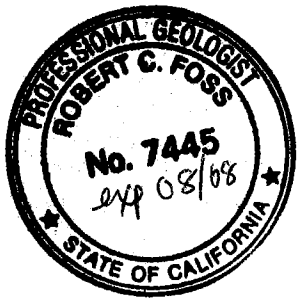
CLOSING

We appreciate this opportunity to work with you on this project. Please contact Ms. Charlotte Evans at (510) 420-3351 or Mr. Satya Sinha of Chevron at (925) 842-9876 with any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc.

Charlotte Evans
Senior Staff Geologist

Robert Foss, P.G. #7445
Associate Geologist



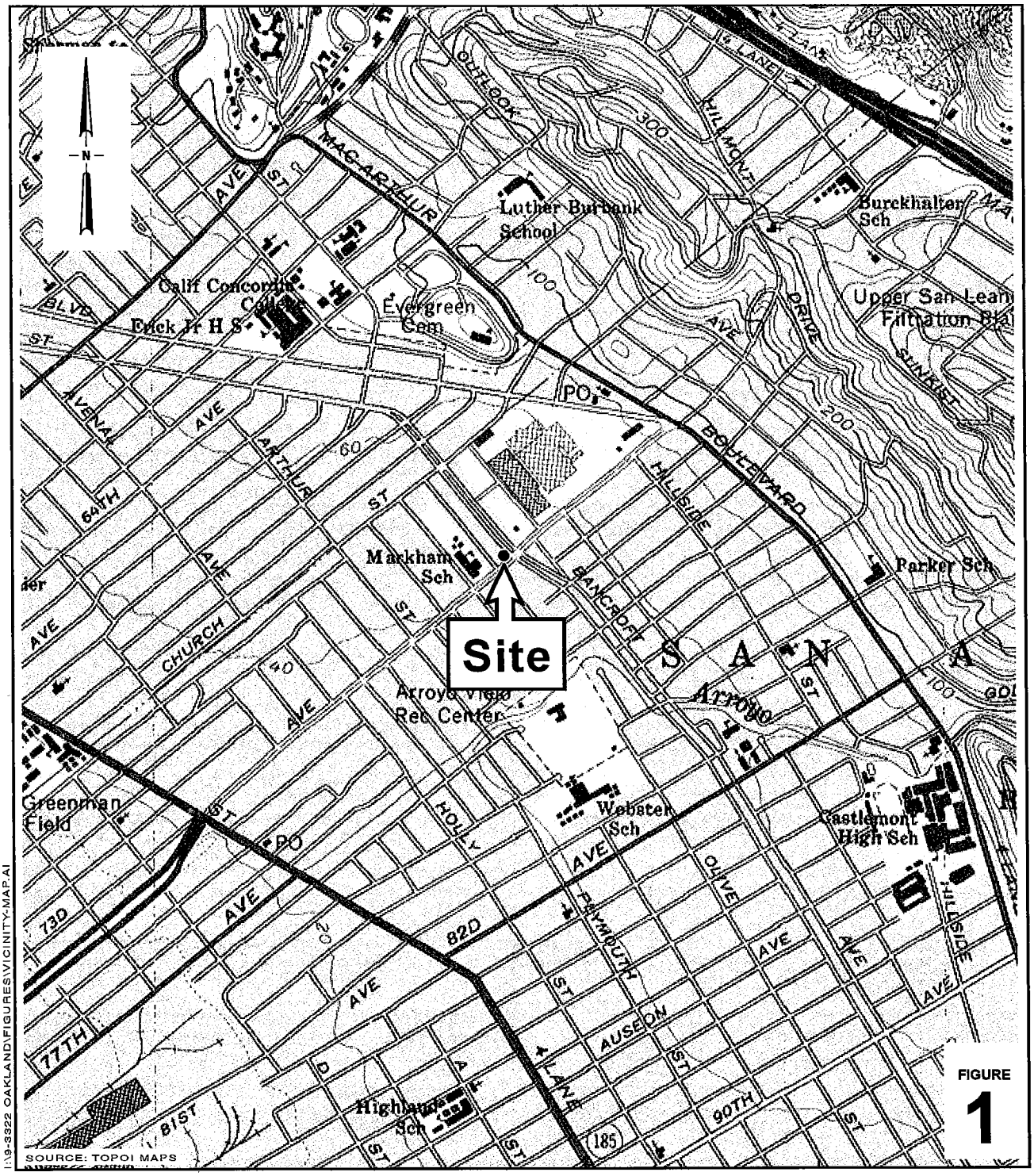
Figures 1 - Site Vicinity Map
2 - Site Plan

Tables 1 - Soil Vapor Analytic Results

Attachments: A – Laboratory Analytic Report

cc: Mr. Satya Sinha, Chevron Environmental Management Company, P.O. Box 6012, San Ramon, CA 94583
Mr. Dean Najdawi, 7725 Bancroft Avenue, Oakland, CA 94605-2407

11/28/00



0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

FIGURE 1

I:\9-3322 OAKLAND\FIGURES\VICINITY-MAP.AI

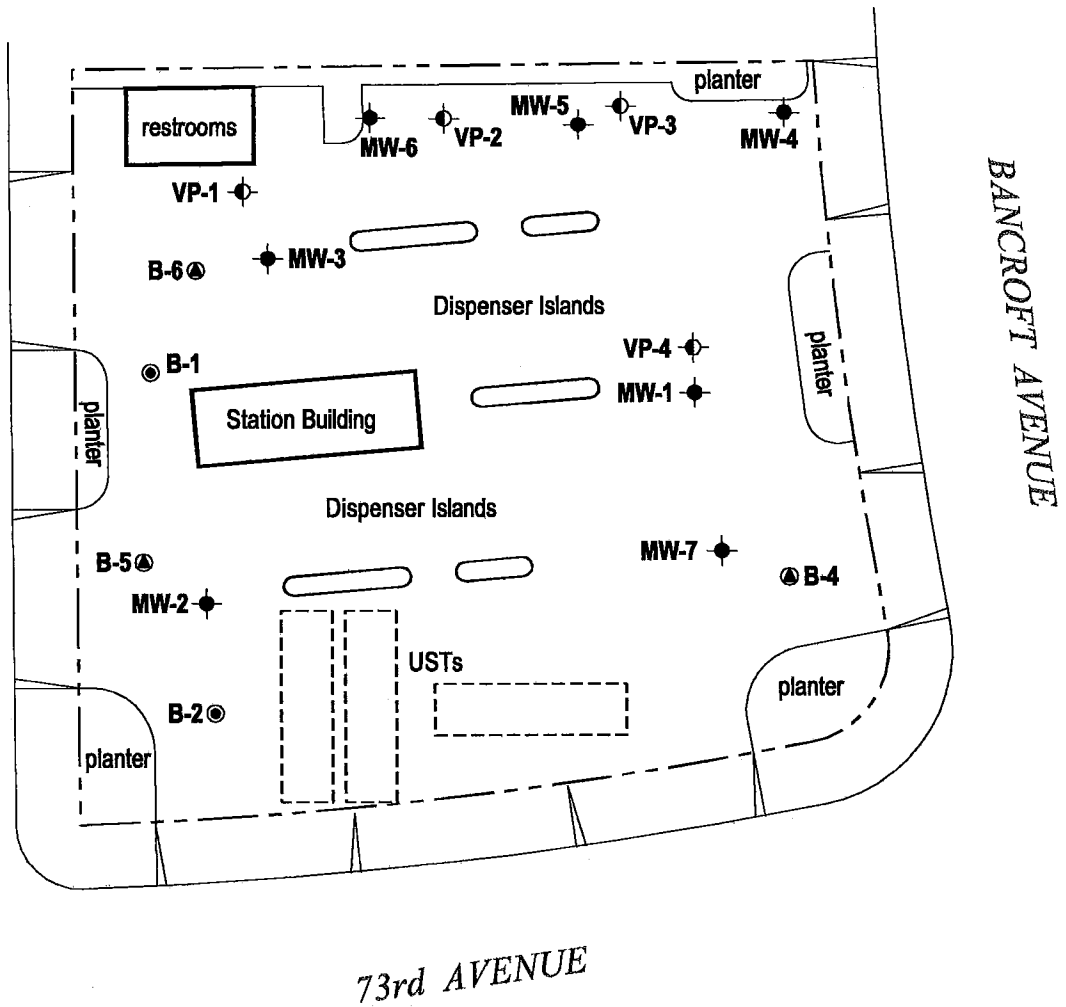
Chevron Service Station 9-3322

7225 Bancroft Avenue

Oakland, California

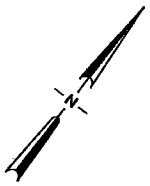
CAMBRIA

Vicinity Map



EXPLANATION

MW-1	Monitoring well location
VP-1	Vapor probe location
SB-1	Previous soil boring location
SB-4	Soil boring location from September 25, 2000 investigation



0 15 30

Scale (ft)

FIGURE

2

I:\9-3322\FIGURES\SITEPLAN.DWG

Chevron Service Station 9-3322

7225 Bancroft Avenue

Oakland. California

CAMBRIA

Site Plan

Table 1. Analytic Results for Soil Vapor - Former Chevron Station 9-3322, 7225 Bancroft Ave., Oakland, CA

Sample ID	Sample Date	Probe Depth Interval (fbg)	Collection Time (minutes)	TPHg[a]	B	T	E	X[b]	MTBE	2-propanol	Isobutane[c]
				Concentrations reported in micrograms per cubic meter - µg/m^3							
VP-1	04/21/05	5.0-6.5	19	**79,000**	<33	**49**	<45	<45	**660**	170	NA
VP-1	07/18/05	5.0-6.5	6	**33,000**	<39	**52**	<52	<52	**260**	350	NA
VP-1	08/11/05	5.0-6.5		NS	NS	NS	NS	NS	NS	NS	NS
VP-1	09/29/06	5.0-6.5	11	**1,100**	<3.6	**6.6**	<5.5	**5.1**	**660**	NA	67
VP-1**	09/29/06	5.0-6.5		NA	<3.6	**6.7**	<5.0	**5.4**	**660**	NA	52
VP-1	04/21/05	7.5-9.0	9	**11,000**	<39	<46	<54	<54	**570**	450	NA
VP-1	07/18/05	7.5-9.0	6	**40,000**	<38	**110**	<52	**72**	**370**	190	NA
VP-1	08/11/05	7.5-9.0		NS	NS	NS	NS	NS	NS	NS	NS
VP-1	09/29/06	7.5-9.0	11	**12,000**	**17**	**5.1**	<4.8	<4.8	**910**	NA	76
VP-1*	09/29/06	7.5-9.0	11	**12,000**	**17**	**5.3**	<4.9	<4.9	**880**	NA	81
VP-1**	09/29/06	7.5-9.0		**11,000**	NA	NA	NA	NA	NA	NA	NA
VP-1	04/21/05	10.0-11.5	10	**6,300**	<39	<46	<54	<54	**280**	850	NA
VP-1	07/18/05	10.0-11.5	8	**94,000**	<35	**61**	<48	<48	**70**	96	NA
VP-1	08/11/05	10.0-11.5		NS	NS	NS	NS	NS	NS	NS	NS
VP-1	09/29/06	10.0-11.5	11	**13,000**	**23**	**11**	<5.0	<5.0	**490**	NA	69
VP-2	04/22/05	5.0-6.5		NS	NS	NS	NS	NS	NS	NS	NS
VP-2	07/18/05	5.0-6.5		NS	NS	NS	NS	NS	NS	NS	NS
VP-2	08/11/05	5.0-6.5		NS	NS	NS	NS	NS	NS	NS	NS
VP-2	09/28/06	5.0-6.5	9	**520**	<3.7	<4.4	<5.0	<5.0	**14**	NA	150
VP-2	04/22/05	7.5-9.0	5	**49,000**	<39	<46	<54	<54	<44	110,000	NA
VP-2*	04/22/05	7.5-9.0	6	**50,000**	<36	<42	<49	<49	<40	110,000	NA
VP-2	07/18/05	7.5-9.0	6	**8,400**	<39	<46	<52	<52	<44	44	NA
VP-2*	07/18/05	7.5-9.0	6	**8,700**	<37	<44	<50	<50	<42	82	NA
VP-2	08/11/05	7.5-9.0		NS	NS	NS	NS	NS	NS	NS	NS
VP-2	09/28/06	7.5-9.0	10	**500**	<3.6	<4.3	**5.3**	**21**	**34**	NA	67
VP-2	04/22/05	10.0-11.5		NS	NS	NS	NS	NS	NS	NS	NS
VP-2	07/18/05	10.0-11.5	5	**5,900**	<36	<43	<50	<50	<41	<28	NA

Table 1. Analytic Results for Soil Vapor - Former Chevron Station 9-3322, 7225 Bancroft Ave., Oakland, CA

Sample ID	Sample Date	Probe Depth Interval (fbg)	Collection Time (minutes)	TPHg[a]	B	T	E	X[b]	MTBE	2-propanol	Isobutane[c]
				Concentrations reported in micrograms per cubic meter - µg/m^3							
VP-2	08/11/05	10.0-11.5		NS	NS	NS	NS	NS	NS	NS	NS
VP-2	09/28/06	10-11.5	12	**20,000**	<5.8	<6.9	<7.9	<7.9	**31**	NA	380
VP-3	04/22/05	5.0-6.5	5	**36,000**	<39	<46	<54	<54	<44	79,000	NA
VP-3	07/18/05	5.0-6.5	5	**54, 000**	<140	<170	<190	<190	<160	<58,000	NA
VP-3	08/11/05	5.0-6.5	7	**330,000**	**220**	<42	**1,100**	**890**	<40	110	NA
VP-3	09/28/06	5.0-6.5	11	<240	<3.7	<4.4	<5.0	<5.0	<4.2	NA	404
VP-3	04/22/05	7.5-9.0	5	**2,300,000**	<40	<48	<55	<55	<46	>1,000,000	NA
VP-3	07/18/05	7.5-9.0	5	**19,000**	<65	<76	<88	<88	<73	<26,000	NA
VP-3	08/11/05	7.5-9.0	7	**48,000**	<36	<42	**210**	**130**	<40	740	NA
VP-3	09/28/06	7.5-9.0	12	**260**	<3.9	**11**	<5.2	<5.2	<4.4	NA	ND
VP-3*	09/28/06	7.5-9.0	12	**540**	3.8	**18**	<4.8	<4.8	<4.0	NA	ND
VP-3	04/22/05	10.0-11.5		NS	NS	NS	NS	NS	NS	NS	NS
VP-3	07/18/05	10.0-11.5	7	**10,000**	<34	<41	<47	<47	<39	<13,000	NA
VP-3**	07/18/05	10.0-11.5		**10,000**	<34	<41	<47	<47	<39	<13,000	NA
VP-3	08/11/05	10.0-11.5	5	**19,000**	<38	<45	**70**	**60**	<43	3,900	NA
VP-3*	08/11/05	10.0-11.5	5	**18,000**	<40	<48	**66**	<55	<46	3,900	NA
VP-3	09/28/06	10.0-11.5	8	**970**	**5.2**	**16**	<5.4	<5.4	<4.4	NA	ND
VP-4	04/22/05	5.0-6.5	7	**1,800,000**	<39	**97**	<54	**97**	**220**	>650,000	NA
VP-4	07/18/05	5.0-6.5		NS	NS	NS	NS	NS	NS	NS	NA
VP-4	08/11/05	5.0-6.5	6	**2,300,000**	**150**	<43	**60**	**120**	**540**	48	NA
VP-4	09/29/06	5.0-6.5	11	**1,500,000**	<91	<110	<120	<120	**210**	NA	ND
VP-4	04/22/05	7.5-9.0	4	**1,300,000**	<39	**99**	<54	**110**	**340**	>420,000	NA
VP-4	07/18/05	7.5-9.0		NS	NS	NS	NS	NS	NS	NS	NA
VP-4	08/11/05	7.5-9.0	6	**1,800,000**	**120**	<42	<49	**79**	**700**	690	NA
VP-4	09/29/06	7.5-9.0	10	**2,800,000**	<180	<210	<240	<240	**410**	NA	ND

Table 1. Analytic Results for Soil Vapor - Former Chevron Station 9-3322, 7225 Bancroft Ave., Oakland, CA

Sample ID	Sample Date	Probe Depth Interval (fbg)	Collection Time (minutes)	TPHg[a]	B	T	E	X[b]	MTBE	2-propanol	Isobutane[c]
				Concentrations reported in micrograms per cubic meter - µg/m^3							
VP-4	04/22/05	10.0-11.5	6	**280,000**	<40	**48**	<55	<55	<46	340,000	NA
VP-4**	04/22/05	10.0-11.5		**270,000**	**41**	<48	<55	<55	<46	370,000	NA
VP-4	07/18/05	10.0-11.5		NS	NS	NS	NS	NS	NS	NS	NA
VP-4	08/11/05	10.0-11.5	5	**25,000,000**	**19,000**	<1700	**48,000**	**34,000**	<1,600	<1,100	NA
VP-4	09/29/06	10.0-11.5	11	**42,000,000**	**180,000**	**440,000**	**430,000**	**250,000**	<82,000	NA	1,854,135

Abbreviations/Notes:

Total petroleum hydrocarbons as gasoline (TPHg) by Modified EPA Method TO-3.

Benzene, toluene, ethylbenzene and xylenes (BTEX), methyl tertiary butyl ether (MTBE), 1,2-dicholoroethane (1,2-DCA), 1,2-dibromoethane (EDB), naphthalene, 2-propanol, isobutane, methyl tert-butyl ether (MTBE), ethyl-tert-butyl ether (ETBE), tert-Butyl alcohol (TBA), tert-Amyl methyl ether (TAM Isopropyl ether (DIPE), and ethanol by Modified EPA Method to-15.

Oxygen, methane, and carbon dioxide by ASTM D-1946.

2-propanol and isobutane were used as leak test compounds per DTSC guidelines in *Advisory - Active Soil Gas Investigations* , published January 2003.

fbg = Feet below grade.

<x = Not detected above method detection limit.

NA = Not analyzed

NS = Not sampled; screened interval submerged.

ND = Not detected

a = Before 3Q06, TPHg was analyzed by Modified EPA Method TO-15.

b = Values for highest value of Xylenes detected.

c = Originally reported in part per billion by volume (ppbv) and converted to µg/m3 using Air Toxics Units Conversion Calculator

* = Field duplicate collected simultaneously with original sample.

** = Lab method duplicate.

Table 1. Analytic Results for Soil Vapor - Former Chevron Station 9-3322, 7225 Bancroft Ave., Oakland, CA

Sample ID	Sample Date	Probe Depth Interval (fbg)	Collection Time (minutes)	ETBE	TBA	TAME	DIPE	Ethanol	1,2 DCA	EDB	Oxygen (% volume)	Carbon dioxide (% volume)
				Concentrations reported in micrograms per cubic meter - µg/m^3								
VP-1	04/21/05	5.0-6.5	19	NA	NA	NA	NA	NA	NA	NA	9.2	0.9
VP-1	07/18/05	5.0-6.5	6	NA	NA	NA	NA	NA	NA	NA	15	1.0
VP-1	08/11/05	5.0-6.5		NA	NA	NA	NA	NA	NA	NA	NS	NS
VP-1	09/29/06	5.0-6.5	11	<19	<14	<19	<19	<8.6	<4.6	<8.8	12	7.5
VP-1**	09/29/06	5.0-6.5		<19	<14	<19	<19	<8.6	<4.6	<8.8	NA	NA
VP-1	04/21/05	7.5-9.0	9	NA	NA	NA	NA	NA	NA	NA	7.6	8.2
VP-1	07/18/05	7.5-9.0	6	NA	NA	NA	NA	NA	NA	NA	8.2	11
VP-1	08/11/05	7.5-9.0		NS	NS	NS	NS	NS	NS	NS	NS	NS
VP-1	09/29/06	7.5-9.0	11	**83**	<13	<18	<18	<8.3	<4.4	<8.4	2.9	14
VP-1*	09/29/06	7.5-9.0	11	**79**	<14	<19	<19	**9.6**	<4.5	<8.6	2.6	14
VP-1	04/21/05	10.0-11.5	10	NA	NA	NA	NA	NA	NA	NA	8.1	9.3
VP-1	07/18/05	10.0-11.5	8	NA	NA	NA	NA	NA	NA	NA	9.6	7.5
VP-1	08/11/05	10.0-11.5		NS	NS	NS	NS	NS	NS	NS	NS	NS
VP-1	09/29/06	10.0-11.5	11	**47**	<14	<19	<19	<8.6	<4.6	<8.8	1.8	15.0
VP-2	04/22/05	5.0-6.5		NA	NA	NA	NA	NA	NA	NA	NS	NS
VP-2	07/18/05	5.0-6.5		NA	NA	NA	NA	NA	NA	NA	NS	NS
VP-2	08/11/05	5.0-6.5		NA	NA	NA	NA	NA	NA	NA	NS	NS
VP-2	09/28/06	5.0-6.5	9	<19	<14	<19	<19	<8.8	<4.7	<9.0	18	2.1
VP-2	04/22/05	7.5-9.0	5	NA	NA	NA	NA	NA	NA	NA	7.8	5.5
VP-2*	04/22/05	7.5-9.0	6	NA	NA	NA	NA	NA	NA	NA	7	5.9
VP-2	07/18/05	7.5-9.0	6	NA	NA	NA	NA	NA	NA	NA	6.6	7.8
VP-2*	07/18/05	7.5-9.0	6	NA	NA	NA	NA	NA	NA	NA	6.5	8.2
VP-2	08/11/05	7.5-9.0		NS	NS	NS	NS	NS	NS	NS	NS	NS
VP-2	09/28/06	7.5-9.0	10	<19	<14	<19	<19	<8.6	<4.6	<8.8	3.6	9.9
VP-2	04/22/05	10.0-11.5		NA	NA	NA	NA	NA	NA	NA	NS	NS
VP-2	07/18/05	10.0-11.5	5	NA	NA	NA	NA	NA	NA	NA	12	4.4
VP-2	08/11/05	10.0-11.5		NA	NA	NA	NA	NA	NA	NA	NS	NS
VP-2	09/28/06	10-11.5	12	<30	<22	<30	<30	<14	<7.4	<14	3.2	10

Table 1. Analytic Results for Soil Vapor - Former Chevron Station 9-3322, 7225 Bancroft Ave., Oakland, CA

Sample ID	Sample Date	Probe Depth Interval (fbg)	Collection Time (minutes)	ETBE	TBA	TAME	DIPE	Ethanol	1,2 DCA	EDB	Oxygen	Carbon dioxide
				Concentrations reported in micrograms per cubic meter - µg/m^3							(% volume)	
VP-3	04/22/05	5.0-6.5	5	NA	NA	NA	NA	NA	NA	NA	14	2.8
VP-3	07/18/05	5.0-6.5	5	NA	NA	NA	NA	NA	NA	NA	4.4	8.4
VP-3	08/11/05	5.0-6.5	7	NA	NA	NA	NA	NA	NA	NA	NA	NA
VP-3	09/28/06	5.0-6.5	11	<19	<14	<19	<19	<8.8	<4.7	<9.0	22	0.065
VP-3	04/22/05	7.5-9.0	5	NA	NA	NA	NA	NA	NA	NA	21	0.2
VP-3	07/18/05	7.5-9.0	5	NA	NA	NA	NA	NA	NA	NA	4.7	7.9
VP-3	08/11/05	7.5-9.0	7	NA	NA	NA	NA	NA	NA	NA	NA	NA
VP-3	09/28/06	7.5-9.0	12	<20	<15	<20	<20	<9.1	<4.9	<9.3	6.7	10
VP-3*	09/28/06	7.5-9.0	12	<18	<13	<18	<18	**13**	<4.4	<8.4	6.7	11
VP-3	04/22/05	10.0-11.5		NS	NS	NS	NS	NS	NS	NS	NS	NS
VP-3	07/18/05	10.0-11.5	7	NA	NA	NA	NA	NA	NA	NA	4.5	5.2
VP-3**	07/18/05	10.0-11.5		NA	NA	NA	NA	NA	NA	NA	4.5	5.2
VP-3	08/11/05	10.0-11.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
VP-3*	08/11/05	10.0-11.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
VP-3	09/28/06	10.0-11.5	8	<21	<15	<21	<21	<9.3	<5.0	<9.5	3.7	6.4
VP-4	04/22/05	5.0-6.5	7	NA	NA	NA	NA	NA	NA	NA	13	6.0
VP-4	07/18/05	5.0-6.5		NS	NS	NS	NS	NS	NS	NS	NS	NS
VP-4	08/11/05	5.0-6.5	6	NA	NA	NA	NA	NA	NA	NA	NA	NA
VP-4	09/29/06	5.0-6.5	11	<480	<350	<480	<480	<220	<120	<220	7.8	14
VP-4	04/22/05	7.5-9.0	4	NA	NA	NA	NA	NA	NA	NA	15	5.5
VP-4	07/18/05	7.5-9.0		NS	NS	NS	NS	NS	NS	NS	NS	NS
VP-4	08/11/05	7.5-9.0	6	NA	NA	NA	NA	NA	NA	NA	NA	NA
VP-4	09/29/06	7.5-9.0	10	<940	<680	<940	<940	<420	<230	<430	5.1	16
VP-4	04/22/05	10.0-11.5	6	NA	NA	NA	NA	NA	NA	NA	21	0.2
VP-4**	04/22/05	10.0-11.5		NA	NA	NA	NA	NA	NA	NA	NA	NA
VP-4	07/18/05	10.0-11.5		NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 1. Analytic Results for Soil Vapor - Former Chevron Station 9-3322, 7225 Bancroft Ave., Oakland, CA

Sample ID	Sample Date	Probe Depth Interval (fbg)	Collection Time (minutes)	ETBE	TBA	TAME	DIPE	Ethanol	1,2 DCA	EDB	Oxygen	Carbon dioxide
				Concentrations reported in micrograms per cubic meter - µg/m^3							(% volume)	
VP-4	08/11/05	10.0-11.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
VP-4	09/29/06	10.0-11.5	11	<380,000	<280,000	<380,000	<380,000	<170,000	<93,000	<180,000	1.9	16

Abbreviations/Notes:

Total petroleum hydrocarbons as gasoline (TPHg) by Modified EPA Method TO-3.

Benzene, toluene, ethylbenzene and xylenes (BTEX), methyl tertiary butyl ether (MTBE), 1,2-dicholoroethane (1,2-DCA), 1,2-dibromoethane (EDB), naphthalene, 2-propanol, isobutane, methyl tert-butyl ether (MTBE), ethyl-tert-butyl ether (ETBE), tert-Butyl alcohol (TBA), tert-Amyl methyl ether (TAME), Isopropyl ether (DIPE), and ethanol by Modified EPA Method to-15.

Oxygen, methane, and carbon dioxide by ASTM D-1946.

2-propanol and isobutane were used as leak test compounds per DTSC guidelines in Advisory - Active Soil Gas Investigations, published January 2003.

fbg = Feet below grade.

<x = Not detected above method detection limit.

NA = Not analyzed

NS = Not sampled; screened interval submerged.

ND = Not detected

a = Before 3Q06, TPHg was analyzed by Modified EPA Method TO-15.

b = Values for highest value of Xylenes detected.

c = Originally reported in part per billion by volume (ppbv) and converted to µg/m3 using Air Toxics Units Conversion Calculator

* = Field duplicate collected simultaneously with original sample.

** = Lab method duplicate.

ATTACHMENT A

Analytical Results

WORK ORDER #: 0610028B

Work Order Summary

CLIENT:	Mr. Bob Foss Cambria Environmental Technology 5900 Hollis Street Suite A Emeryville, CA 94608	**BILL TO:**	Mr. Bob Foss Cambria Environmental Technology 5900 Hollis Street Suite A Emeryville, CA 94608
PHONE:	510-420-0700	**P.O. #**	3IJ-1806
FAX:	510-420-9170	**PROJECT #**	3IJ-1806 9-3322
DATE RECEIVED:	10/03/2006	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	10/16/2006		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	VP-3@5	Modified TO-3	4.0 "Hg
02A	VP-3@7.5	Modified TO-3	5.0 "Hg
03A	VP-3@7.5 DUP	Modified TO-3	2.5 "Hg
04A	VP-3@10	Modified TO-3	5.5 "Hg
05A	VP-2@5	Modified TO-3	4.0 "Hg
06A	VP-2@7.5	Modified TO-3	3.5 "Hg
07A	VP-2@10	Modified TO-3	3.5 "Hg
08A	VP-1@5	Modified TO-3	3.5 "Hg
09A	VP-1@7.5	Modified TO-3	2.5 "Hg
09AA	VP-1@7.5 Duplicate	Modified TO-3	2.5 "Hg
10A	VP-1@7.5 DUP	Modified TO-3	3.0 "Hg
11A	VP-1@10	Modified TO-3	3.5 "Hg
12A	VP-4@5	Modified TO-3	3.5 "Hg
13A	VP-4@7.5	Modified TO-3	3.0 "Hg
14A	VP-4@10	Modified TO-3	3.5 "Hg
15A	Lab Blank	Modified TO-3	NA
15B	Lab Blank	Modified TO-3	NA

Continued on next page

Air Toxics LTD.
AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0610028B

Work Order Summary

CLIENT:	Mr. Bob Foss Cambria Environmental Technology 5900 Hollis Street Suite A Emeryville, CA 94608	**BILL TO:**	Mr. Bob Foss Cambria Environmental Technology 5900 Hollis Street Suite A Emeryville, CA 94608
PHONE:	510-420-0700	**P.O. #**	3IJ-1806
FAX:	510-420-9170	**PROJECT #**	3IJ-1806 9-3322
DATE RECEIVED:	10/03/2006	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	10/16/2006		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
16A	LCS	Modified TO-3	NA
16B	LCS	Modified TO-3	NA

CERTIFIED BY: Linda J. Thurman DATE: 10/16/06

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/06, Expiration date: 06/30/07
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-3 (Gas range)
Cambria Environmental Technology
Workorder# 0610028B

Fourteen 1 Liter Summa Canister (100% Certified) samples were received on October 03, 2006. The laboratory performed analysis for volatile organic compounds in air via modified EPA Method TO-3 using gas chromatography with flame ionization detection. The method involves concentrating up to 200 mL of sample. The concentrated aliquot is then dry purged to remove water vapor prior to entering the chromatographic system. The TPH (Gasoline Range) results are calculated using the response factor of Gasoline and correspond to the range of hydrocarbons from C5 to C10. A molecular weight of 100 is used to convert the TPH (Gasoline Range) ppmv result to ug/L.

See the data sheets for the reporting limits for each compound.

Method modifications taken to run these samples include:

Requirement	*TO-3*	*ATL Modifications*
Daily Calibration Standard Frequency	Prior to sample analysis and every 4 - 6 hrs	Prior to sample analysis and after the analytical batch </= 20 samples
Initial Calibration Calculation	4-point calibration using a linear regression model	5-point calibration using average Response Factor
Initial Calibration Frequency	Weekly	When daily calibration standard recovery is outside 75 - 125 %, or upon significant changes to procedure or instrumentation
Moisture Control	Nafion system	Sorbent system
Minimum Detection Limit (MDL)	Calculated using the equation DL = A+3.3S, where A is intercept of calibration line and S is the standard deviation of at least 3 reps of low level standard	40 CFR Pt. 136 App. B
Preparation of Standards	Levels achieved through dilution of gas mixture	Levels achieved through loading various volumes of the gas mixture

Receiving Notes

The Chain of Custody (COC) information for sample VP-4@10 did not match the information on the canister with regard to canister identification. The client was notified of the discrepancy and the information on the canister was used to process and report the sample.

Analytical Notes

The recovery of surrogate Fluorobenzene in sample VP-4@10 was outside control limits due to high level

hydrocarbon matrix interference. Data is reported as qualified.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:
B - Compound present in laboratory blank greater than reporting limit.
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the detection limit.
M - Reported value may be biased due to apparent matrix interferences.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-3 GC/FID

Client Sample ID: VP-3@5

Lab ID#: 0610028B-01A

No Detections Were Found.

Client Sample ID: VP-3@7.5

Lab ID#: 0610028B-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	60	62	250	260

Client Sample ID: VP-3@7.5 DUP

Lab ID#: 0610028B-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	55	130	220	540

Client Sample ID: VP-3@10

Lab ID#: 0610028B-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	62	240	250	970

Client Sample ID: VP-2@5

Lab ID#: 0610028B-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	58	130	240	520

Client Sample ID: VP-2@7.5

Lab ID#: 0610028B-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	57	120	230	500

Client Sample ID: VP-2@10

Lab ID#: 0610028B-07A

Summary of Detected Compounds
MODIFIED EPA METHOD TO-3 GC/FID

Client Sample ID: VP-2@10

Lab ID#: 0610028B-07A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	57	4900	230	20000

Client Sample ID: VP-1@5

Lab ID#: 0610028B-08A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	57	260	230	1100

Client Sample ID: VP-1@7.5

Lab ID#: 0610028B-09A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	55	2800	220	12000

Client Sample ID: VP-1@7.5 Duplicate

Lab ID#: 0610028B-09AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	55	2700	220	11000

Client Sample ID: VP-1@7.5 DUP

Lab ID#: 0610028B-10A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	56	2900	230	12000

Client Sample ID: VP-1@10

Lab ID#: 0610028B-11A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	57	3100	230	13000

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-3 GC/FID

Client Sample ID: VP-4@5

Lab ID#: 0610028B-12A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	1600	370000	6700	1500000

Client Sample ID: VP-4@7.5

Lab ID#: 0610028B-13A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	2800	690000	11000	2800000

Client Sample ID: VP-4@10

Lab ID#: 0610028B-14A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	23000	10000000	94000	42000000

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-3@5

Lab ID#: 0610028B-01A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6100803	Date of Collection:	9/28/06
Dil. Factor:	2.33	Date of Analysis:	10/8/06 09:01 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	58	Not Detected	240	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	100	75-150

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-3@7.5

Lab ID#: 0610028B-02A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6100804	Date of Collection:	9/28/06
Dil. Factor:	2.42	Date of Analysis:	10/8/06 09:34 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	60	62	250	260

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	101	75-150

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-3@7.5 DUP

Lab ID#: 0610028B-03A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6100805	Date of Collection:	9/28/06
Dil. Factor:	2.20	Date of Analysis:	10/8/06 10:08 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	55	130	220	540

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	100	75-150

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-3@10

Lab ID#: 0610028B-04A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6100806	Date of Collection: 9/28/06	
Dil. Factor:	2.47	Date of Analysis: 10/8/06 10:42 AM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	62	240	250	970

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	99	75-150

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-2@5

Lab ID#: 0610028B-05A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6100807	Date of Collection:	9/28/06
Dil. Factor:	2.33	Date of Analysis:	10/8/06 11:15 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	58	130	240	520

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	101	75-150

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-2@7.5

Lab ID#: 0610028B-06A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6100808	Date of Collection:	9/28/06
Dil. Factor:	2.29	Date of Analysis:	10/8/06 11:49 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	57	120	230	500

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	98	75-150

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-2@10

Lab ID#: 0610028B-07A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6100809	Date of Collection:	9/28/06
Dil. Factor:	2.29	Date of Analysis:	10/8/06 12:22 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	57	4900	230	20000

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	114	75-150

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-1@5

Lab ID#: 0610028B-08A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6100810	Date of Collection:	9/29/06
Dil. Factor:	2.29	Date of Analysis:	10/8/06 12:56 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	57	260	230	1100

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	100	75-150

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-1@7.5

Lab ID#: 0610028B-09A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6100811	Date of Collection:	9/29/06
Dil. Factor:	2.20	Date of Analysis:	10/8/06 01:32 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	55	2800	220	12000

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	108	75-150

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-1@7.5 Duplicate

Lab ID#: 0610028B-09AA

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6100812	Date of Collection:	9/29/06
Dil. Factor:	2.20	Date of Analysis:	10/8/06 02:06 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	55	2700	220	11000

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	105	75-150

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-1@7.5 DUP

Lab ID#: 0610028B-10A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6100813	Date of Collection: 9/29/06	
Dil. Factor:	2.24	Date of Analysis: 10/8/06 02:39 PM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	56	2900	230	12000

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	108	75-150

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-1@10

Lab ID#: 0610028B-11A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6101006	Date of Collection: 9/29/06	
Dil. Factor:	2.29	Date of Analysis: 10/10/06 11:59 AM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	57	3100	230	13000

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	108	75-150

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-4@5

Lab ID#: 0610028B-12A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6101007	Date of Collection:	9/29/06
Dil. Factor:	65.4	Date of Analysis:	10/10/06 01:14 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	1600	370000	6700	1500000

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	116	75-150

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-4@7.5

Lab ID#: 0610028B-13A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6101008	Date of Collection:	9/29/06
Dil. Factor:	112	Date of Analysis:	10/10/06 01:50 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	2800	690000	11000	2800000

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	122	75-150

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-4@10

Lab ID#: 0610028B-14A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6101011	Date of Collection:	9/29/06
Dil. Factor:	916	Date of Analysis:	10/10/06 03:48 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	23000	10000000	94000	42000000

Q = Exceeds Quality Control limits, due to matrix effects. Matrix effects confirmed by re-analysis.

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	238 Q	75-150

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0610028B-15A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6100802	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 10/8/06 08:20 AM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	100	75-150

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0610028B-15B

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6101005	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 10/10/06 11:14 AM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH (Gasoline Range)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	100	75-150

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0610028B-16A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6100814	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 10/8/06 03:13 PM	

Compound	%Recovery
TPH (Gasoline Range)	120

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	131	75-150

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0610028B-16B

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	6101021	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 10/11/06 08:40 AM	

Compound	%Recovery
TPH (Gasoline Range)	114

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	122	75-150

@ AIR TOXICS LTD.
AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0610028A

Work Order Summary

CLIENT:	Mr. Bob Foss Cambria Environmental Technology 5900 Hollis Street Suite A Emeryville, CA 94608	**BILL TO:**	Mr. Bob Foss Cambria Environmental Technology 5900 Hollis Street Suite A Emeryville, CA 94608
PHONE:	510-420-0700	**P.O. #**	3IJ-1806
FAX:	510-420-9170	**PROJECT #**	3IJ-1806 9-3322
DATE RECEIVED:	10/03/2006	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	10/16/2006		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	VP-3@5	Modified TO-15	4.0 "Hg
02A	VP-3@7.5	Modified TO-15	5.0 "Hg
03A	VP-3@7.5 DUP	Modified TO-15	2.5 "Hg
04A	VP-3@10	Modified TO-15	5.5 "Hg
05A	VP-2@5	Modified TO-15	4.0 "Hg
06A	VP-2@7.5	Modified TO-15	3.5 "Hg
07A	VP-2@10	Modified TO-15	3.5 "Hg
08A	VP-1@5	Modified TO-15	3.5 "Hg
08AA	VP-1@5 Duplicate	Modified TO-15	3.5 "Hg
09A	VP-1@7.5	Modified TO-15	2.5 "Hg
10A	VP-1@7.5 DUP	Modified TO-15	3.0 "Hg
11A	VP-1@10	Modified TO-15	3.5 "Hg
12A	VP-4@5	Modified TO-15	3.5 "Hg
13A	VP-4@7.5	Modified TO-15	3.0 "Hg
14A	VP-4@10	Modified TO-15	3.5 "Hg
15A	Lab Blank	Modified TO-15	NA
15B	Lab Blank	Modified TO-15	NA

Continued on next page

@ AIR TOXICS LTD.
AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0610028A

Work Order Summary

CLIENT:	Mr. Bob Foss Cambria Environmental Technology 5900 Hollis Street Suite A Emeryville, CA 94608	**BILL TO:**	Mr. Bob Foss Cambria Environmental Technology 5900 Hollis Street Suite A Emeryville, CA 94608
PHONE:	510-420-0700	**P.O. #**	3IJ-1806
FAX:	510-420-9170	**PROJECT #**	3IJ-1806 9-3322
DATE RECEIVED:	10/03/2006	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	10/16/2006		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
16A	CCV	Modified TO-15	NA
16B	CCV	Modified TO-15	NA
17A	LCS	Modified TO-15	NA
17B	LCS	Modified TO-15	NA

CERTIFIED BY: Linda J. Fruman DATE: 10/16/06

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/06, Expiration date: 06/30/07
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15
Cambria Environmental Technology
Workorder# 0610028A

Fourteen 1 Liter Summa Canister (100% Certified) samples were received on October 03, 2006. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

Method modifications taken to run these samples are summarized in the below table. Specific project requirements may over-ride the ATL modifications.

Requirement	*TO-15*	*ATL Modifications*
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

The Chain of Custody (COC) information for sample VP-4@10 did not match the information on the canister with regard to canister identification. The client was notified of the discrepancy and the information on the canister was used to process and report the sample.

Analytical Notes

The reported CCV for each daily batch may be derived from more than one analytical file due to the client's request for non-standard compounds.

Non-standard compounds may have different acceptance criteria than the standard TO-14A/TO-15 compound list as per contract or verbal agreement.

The reported LCS for each daily batch has been derived from more than one analytical file.

The recovery of surrogate 1,2-Dichloroethane-d4 in sample(s) VP-2@10, VP-1@7.5, VP-4@5 and VP-4@7.5 was outside control limits due to high level hydrocarbon matrix interference. Data is reported as qualified.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VP-3@5

Lab ID#: 0610028A-01A

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Propane, 2-methyl-	75-28-5	38%	170 N J
Propane	74-98-6	9.0%	20 N J

Client Sample ID: VP-3@7.5

Lab ID#: 0610028A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Toluene	1.2	2.9	4.6	11

Client Sample ID: VP-3@7.5 DUP

Lab ID#: 0610028A-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.1	1.2	3.5	3.8
Toluene	1.1	4.7	4.1	18
m,p-Xylene	1.1	1.1	4.8	4.7 J
Ethanol	4.4	7.0	8.3	13

Client Sample ID: VP-3@10

Lab ID#: 0610028A-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.2	1.6	3.9	5.2
Toluene	1.2	4.2	4.6	16
Ethanol	4.9	4.8 J	9.3	9.1 J

Client Sample ID: VP-2@5

Lab ID#: 0610028A-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	1.2	3.8	4.2	14

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VP-2@5

Lab ID#: 0610028A-05A

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Propane, 2-methyl-	75-28-5	9.0%	63 N J
Propane	74-98-6	9.0%	7.7 N J

Client Sample ID: VP-2@7.5

Lab ID#: 0610028A-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Ethyl Benzene	1.1	1.2	5.0	5.3
m,p-Xylene	1.1	4.8	5.0	21
o-Xylene	1.1	1.7	5.0	7.3
Methyl tert-butyl ether	1.1	9.4	4.1	34

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Propane, 2-methyl-	75-28-5	45%	28 N J
Propane	74-98-6	2.0%	11 N J

Client Sample ID: VP-2@10

Lab ID#: 0610028A-07A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	1.8	8.6	6.6	31

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	45%	61 N J
Propane, 2-methyl-	75-28-5	38%	160 N J
Propane	74-98-6	9.0%	100 N J

Client Sample ID: VP-1@5

Lab ID#: 0610028A-08A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VP-1@5

Lab ID#: 0610028A-08A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Toluene	1.1	1.8	4.3	6.6
m,p-Xylene	1.1	1.2	5.0	5.1
Methyl tert-butyl ether	1.1	180	4.1	660

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Propane, 2-methyl-	75-28-5	59%	28 N J

Client Sample ID: VP-1@5 Duplicate

Lab ID#: 0610028A-08AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Toluene	1.1	1.8	4.3	6.7
m,p-Xylene	1.1	1.2	5.0	5.4
Methyl tert-butyl ether	1.1	180	4.1	660

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Propane, 2-methyl-	75-28-5	4.0%	22 N J

Client Sample ID: VP-1@7.5

Lab ID#: 0610028A-09A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.1	5.4	3.5	17
Toluene	1.1	1.4	4.1	5.1
Methyl tert-butyl ether	1.1	250	4.0	910
Ethyl-tert-butyl ether	4.4	20	18	83

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Propane, 2-methyl-	75-28-5	39%	32 N J
Propane	74-98-6	7.0%	48 N J

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VP-1@7.5 DUP

Lab ID#: 0610028A-10A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.1	5.4	3.6	17
Toluene	1.1	1.4	4.2	5.3
Methyl tert-butyl ether	1.1	240	4.0	880
Ethanol	4.5	5.1	8.4	9.6
Ethyl-tert-butyl ether	4.5	19	19	79

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Propane, 2-methyl-	75-28-5	4.0%	34 N J
Propane	74-98-6	5.0%	50 N J

Client Sample ID: VP-1@10

Lab ID#: 0610028A-11A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.1	7.2	3.6	23
Toluene	1.1	2.9	4.3	11
Methyl tert-butyl ether	1.1	130	4.1	490
Ethyl-tert-butyl ether	4.6	11	19	47

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Propane, 2-methyl-	75-28-5	50%	29 N J
Propane	74-98-6	9.0%	59 N J

Client Sample ID: VP-4@5

Lab ID#: 0610028A-12A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	29	58	100	210

Client Sample ID: VP-4@7.5

Lab ID#: 0610028A-13A

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VP-4@7.5

Lab ID#: 0610028A-13A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	56	110	200	410

Client Sample ID: VP-4@10

Lab ID#: 0610028A-14A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	23000	56000	73000	180000
Ethyl Benzene	23000	98000	99000	430000
Toluene	23000	120000	86000	440000
m,p-Xylene	23000	58000	99000	250000

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	72%	790000 N J
Propane, 2-methyl-	75-28-5	38%	780000 N J

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-3@5

Lab ID#: 0610028A-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	t101327	Date of Collection:	9/28/06
Dil. Factor:	2.33	Date of Analysis:	10/14/06 02:25 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
Toluene	1.2	Not Detected	4.4	Not Detected
m,p-Xylene	1.2	Not Detected	5.0	Not Detected
o-Xylene	1.2	Not Detected	5.0	Not Detected
Methyl tert-butyl ether	1.2	Not Detected	4.2	Not Detected
Naphthalene	4.7	Not Detected	24	Not Detected
1,2-Dichloroethane	1.2	Not Detected	4.7	Not Detected
1,2-Dibromoethane (EDB)	1.2	Not Detected	9.0	Not Detected
Ethanol	4.7	Not Detected	8.8	Not Detected
tert-Amyl methyl ether	4.7	Not Detected	19	Not Detected
tert-Butyl alcohol	4.7	Not Detected	14	Not Detected
Isopropyl ether	4.7	Not Detected	19	Not Detected
Ethyl-tert-butyl ether	4.7	Not Detected	19	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	NA	Not Detected
Propane, 2-methyl-	75-28-5	38%	170 N J
Propane	74-98-6	9.0%	20 N J

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	114	70-130
4-Bromofluorobenzene	93	70-130

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-3@7.5

Lab ID#: 0610028A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	t101328	Date of Collection:	9/28/06
Dil. Factor:	2.42	Date of Analysis:	10/14/06 03:05 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.2	Not Detected	3.9	Not Detected
Ethyl Benzene	1.2	Not Detected	5.2	Not Detected
Toluene	1.2	2.9	4.6	11
m,p-Xylene	1.2	Not Detected	5.2	Not Detected
o-Xylene	1.2	Not Detected	5.2	Not Detected
Methyl tert-butyl ether	1.2	Not Detected	4.4	Not Detected
Naphthalene	4.8	Not Detected	25	Not Detected
1,2-Dichloroethane	1.2	Not Detected	4.9	Not Detected
1,2-Dibromoethane (EDB)	1.2	Not Detected	9.3	Not Detected
Ethanol	4.8	Not Detected	9.1	Not Detected
tert-Amyl methyl ether	4.8	Not Detected	20	Not Detected
tert-Butyl alcohol	4.8	Not Detected	15	Not Detected
Isopropyl ether	4.8	Not Detected	20	Not Detected
Ethyl-tert-butyl ether	4.8	Not Detected	20	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	NA	Not Detected
Isobutane	75-28-5	NA	Not Detected
Propane	74-98-6	NA	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	113	70-130
4-Bromofluorobenzene	83	70-130

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-3@7.5 DUP

Lab ID#: 0610028A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	t101329	Date of Collection:	9/28/06
Dil. Factor:	2.20	Date of Analysis:	10/14/06 03:46 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.1	1.2	3.5	3.8
Ethyl Benzene	1.1	Not Detected	4.8	Not Detected
Toluene	1.1	4.7	4.1	18
m,p-Xylene	1.1	1.1	4.8	4.7 J
o-Xylene	1.1	Not Detected	4.8	Not Detected
Methyl tert-butyl ether	1.1	Not Detected	4.0	Not Detected
Naphthalene	4.4	Not Detected	23	Not Detected
1,2-Dichloroethane	1.1	Not Detected	4.4	Not Detected
1,2-Dibromoethane (EDB)	1.1	Not Detected	8.4	Not Detected
Ethanol	4.4	7.0	8.3	13
tert-Amyl methyl ether	4.4	Not Detected	18	Not Detected
tert-Butyl alcohol	4.4	Not Detected	13	Not Detected
Isopropyl ether	4.4	Not Detected	18	Not Detected
Ethyl-tert-butyl ether	4.4	Not Detected	18	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	NA	Not Detected
Isobutane	75-28-5	NA	Not Detected
Propane	74-98-6	NA	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	117	70-130
Toluene-d8	114	70-130
4-Bromofluorobenzene	83	70-130

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-3@10

Lab ID#: 0610028A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	t101330	Date of Collection:	9/28/06
Dil. Factor:	2.47	Date of Analysis:	10/14/06 04:24 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.2	1.6	3.9	5.2
Ethyl Benzene	1.2	Not Detected	5.4	Not Detected
Toluene	1.2	4.2	4.6	16
m,p-Xylene	1.2	Not Detected	5.4	Not Detected
o-Xylene	1.2	Not Detected	5.4	Not Detected
Methyl tert-butyl ether	1.2	Not Detected	4.4	Not Detected
Naphthalene	4.9	Not Detected	26	Not Detected
1,2-Dichloroethane	1.2	Not Detected	5.0	Not Detected
1,2-Dibromoethane (EDB)	1.2	Not Detected	9.5	Not Detected
Ethanol	4.9	4.8 J	9.3	9.1 J
tert-Amyl methyl ether	4.9	Not Detected	21	Not Detected
tert-Butyl alcohol	4.9	Not Detected	15	Not Detected
Isopropyl ether	4.9	Not Detected	21	Not Detected
Ethyl-tert-butyl ether	4.9	Not Detected	21	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	NA	Not Detected
Isobutane	75-28-5	NA	Not Detected
Propane	74-98-6	NA	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	114	70-130
Toluene-d8	114	70-130
4-Bromofluorobenzene	82	70-130

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-2@5

Lab ID#: 0610028A-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	t101331	Date of Collection:	9/28/06
Dil. Factor:	2.33	Date of Analysis:	10/14/06 05:13 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
Toluene	1.2	Not Detected	4.4	Not Detected
m,p-Xylene	1.2	Not Detected	5.0	Not Detected
o-Xylene	1.2	Not Detected	5.0	Not Detected
Methyl tert-butyl ether	1.2	3.8	4.2	14
Naphthalene	4.7	Not Detected	24	Not Detected
1,2-Dichloroethane	1.2	Not Detected	4.7	Not Detected
1,2-Dibromoethane (EDB)	1.2	Not Detected	9.0	Not Detected
Ethanol	4.7	Not Detected	8.8	Not Detected
tert-Amyl methyl ether	4.7	Not Detected	19	Not Detected
tert-Butyl alcohol	4.7	Not Detected	14	Not Detected
Isopropyl ether	4.7	Not Detected	19	Not Detected
Ethyl-tert-butyl ether	4.7	Not Detected	19	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	NA	Not Detected
Propane, 2-methyl-	75-28-5	9.0%	63 N J
Propane	74-98-6	9.0%	7.7 N J

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	112	70-130
4-Bromofluorobenzene	81	70-130

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-2@7.5

Lab ID#: 0610028A-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	t101332	Date of Collection:	9/28/06
Dil. Factor:	2.29	Date of Analysis:	10/14/06 05:55 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Ethyl Benzene	1.1	1.2	5.0	5.3
Toluene	1.1	Not Detected	4.3	Not Detected
m,p-Xylene	1.1	4.8	5.0	21
o-Xylene	1.1	1.7	5.0	7.3
Methyl tert-butyl ether	1.1	9.4	4.1	34
Naphthalene	4.6	Not Detected	24	Not Detected
1,2-Dichloroethane	1.1	Not Detected	4.6	Not Detected
1,2-Dibromoethane (EDB)	1.1	Not Detected	8.8	Not Detected
Ethanol	4.6	Not Detected	8.6	Not Detected
tert-Amyl methyl ether	4.6	Not Detected	19	Not Detected
tert-Butyl alcohol	4.6	Not Detected	14	Not Detected
Isopropyl ether	4.6	Not Detected	19	Not Detected
Ethyl-tert-butyl ether	4.6	Not Detected	19	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	NA	Not Detected
Propane, 2-methyl-	75-28-5	45%	28 N J
Propane	74-98-6	2.0%	11 N J

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	112	70-130
4-Bromofluorobenzene	81	70-130

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-2@10

Lab ID#: 0610028A-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	t101334	Date of Collection:	9/28/06
Dil. Factor:	3.66	Date of Analysis:	10/14/06 07:16 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.8	Not Detected	5.8	Not Detected
Ethyl Benzene	1.8	Not Detected	7.9	Not Detected
Toluene	1.8	Not Detected	6.9	Not Detected
m,p-Xylene	1.8	Not Detected	7.9	Not Detected
o-Xylene	1.8	Not Detected	7.9	Not Detected
Methyl tert-butyl ether	1.8	8.6	6.6	31
Naphthalene	7.3	Not Detected	38	Not Detected
1,2-Dichloroethane	1.8	Not Detected	7.4	Not Detected
1,2-Dibromoethane (EDB)	1.8	Not Detected	14	Not Detected
Ethanol	7.3	Not Detected	14	Not Detected
tert-Amyl methyl ether	7.3	Not Detected	30	Not Detected
tert-Butyl alcohol	7.3	Not Detected	22	Not Detected
Isopropyl ether	7.3	Not Detected	30	Not Detected
Ethyl-tert-butyl ether	7.3	Not Detected	30	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	45%	61 N J
Propane, 2-methyl-	75-28-5	38%	160 N J
Propane	74-98-6	9.0%	100 N J

Q = Exceeds Quality Control limits.

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	139 Q	70-130
Toluene-d8	115	70-130
4-Bromofluorobenzene	83	70-130

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-1@5

Lab ID#: 0610028A-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	t101506	Date of Collection:	9/29/06
Dil. Factor:	2.29	Date of Analysis:	10/15/06 02:20 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Ethyl Benzene	1.1	Not Detected	5.0	Not Detected
Toluene	1.1	1.8	4.3	6.6
m,p-Xylene	1.1	1.2	5.0	5.1
o-Xylene	1.1	Not Detected	5.0	Not Detected
Methyl tert-butyl ether	1.1	180	4.1	660
Naphthalene	4.6	Not Detected	24	Not Detected
1,2-Dichloroethane	1.1	Not Detected	4.6	Not Detected
1,2-Dibromoethane (EDB)	1.1	Not Detected	8.8	Not Detected
Ethanol	4.6	Not Detected	8.6	Not Detected
tert-Amyl methyl ether	4.6	Not Detected	19	Not Detected
tert-Butyl alcohol	4.6	Not Detected	14	Not Detected
Isopropyl ether	4.6	Not Detected	19	Not Detected
Ethyl-tert-butyl ether	4.6	Not Detected	19	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	NA	Not Detected
Propane, 2-methyl-	75-28-5	59%	28 N J
Propane	74-98-6	NA	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	114	70-130
4-Bromofluorobenzene	90	70-130

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-1@5 Duplicate

Lab ID#: 0610028A-08AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	t101507	Date of Collection: 9/29/06	
Dil. Factor:	2.29	Date of Analysis: 10/15/06 03:23 PM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Ethyl Benzene	1.1	Not Detected	5.0	Not Detected
Toluene	1.1	1.8	4.3	6.7
m,p-Xylene	1.1	1.2	5.0	5.4
o-Xylene	1.1	Not Detected	5.0	Not Detected
Methyl tert-butyl ether	1.1	180	4.1	660
Naphthalene	4.6	Not Detected	24	Not Detected
1,2-Dichloroethane	1.1	Not Detected	4.6	Not Detected
1,2-Dibromoethane (EDB)	1.1	Not Detected	8.8	Not Detected
Ethanol	4.6	Not Detected	8.6	Not Detected
tert-Amyl methyl ether	4.6	Not Detected	19	Not Detected
tert-Butyl alcohol	4.6	Not Detected	14	Not Detected
Isopropyl ether	4.6	Not Detected	19	Not Detected
Ethyl-tert-butyl ether	4.6	Not Detected	19	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	NA	Not Detected
Propane, 2-methyl-	75-28-5	4.0%	22 N J
Propane	74-98-6	NA	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	112	70-130
4-Bromofluorobenzene	87	70-130

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-1@7.5

Lab ID#: 0610028A-09A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	t101335	Date of Collection:	9/29/06
Dil. Factor:	2.20	Date of Analysis:	10/14/06 08:18 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.1	5.4	3.5	17
Ethyl Benzene	1.1	Not Detected	4.8	Not Detected
Toluene	1.1	1.4	4.1	5.1
m,p-Xylene	1.1	Not Detected	4.8	Not Detected
o-Xylene	1.1	Not Detected	4.8	Not Detected
Methyl tert-butyl ether	1.1	250	4.0	910
Naphthalene	4.4	Not Detected	23	Not Detected
1,2-Dichloroethane	1.1	Not Detected	4.4	Not Detected
1,2-Dibromoethane (EDB)	1.1	Not Detected	8.4	Not Detected
Ethanol	4.4	Not Detected	8.3	Not Detected
tert-Amyl methyl ether	4.4	Not Detected	18	Not Detected
tert-Butyl alcohol	4.4	Not Detected	13	Not Detected
Isopropyl ether	4.4	Not Detected	18	Not Detected
Ethyl-tert-butyl ether	4.4	20	18	83

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	NA	Not Detected
Propane, 2-methyl-	75-28-5	39%	32 N J
Propane	74-98-6	7.0%	48 N J

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	130	70-130
Toluene-d8	114	70-130
4-Bromofluorobenzene	83	70-130

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-1@7.5 DUP

Lab ID#: 0610028A-10A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	t101508	Date of Collection:	9/29/06
Dil. Factor:	2.24	Date of Analysis:	10/15/06 04:01 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.1	5.4	3.6	17
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
Toluene	1.1	1.4	4.2	5.3
m,p-Xylene	1.1	Not Detected	4.9	Not Detected
o-Xylene	1.1	Not Detected	4.9	Not Detected
Methyl tert-butyl ether	1.1	240	4.0	880
Naphthalene	4.5	Not Detected	23	Not Detected
1,2-Dichloroethane	1.1	Not Detected	4.5	Not Detected
1,2-Dibromoethane (EDB)	1.1	Not Detected	8.6	Not Detected
Ethanol	4.5	5.1	8.4	9.6
tert-Amyl methyl ether	4.5	Not Detected	19	Not Detected
tert-Butyl alcohol	4.5	Not Detected	14	Not Detected
Isopropyl ether	4.5	Not Detected	19	Not Detected
Ethyl-tert-butyl ether	4.5	19	19	79

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	NA	Not Detected
Propane, 2-methyl-	75-28-5	4.0%	34 N J
Propane	74-98-6	5.0%	50 N J

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	125	70-130
Toluene-d8	114	70-130
4-Bromofluorobenzene	88	70-130

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-1@10

Lab ID#: 0610028A-11A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	t101509	Date of Collection:	9/29/06
Dil. Factor:	2.29	Date of Analysis:	10/15/06 04:45 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.1	7.2	3.6	23
Ethyl Benzene	1.1	Not Detected	5.0	Not Detected
Toluene	1.1	2.9	4.3	11
m,p-Xylene	1.1	Not Detected	5.0	Not Detected
o-Xylene	1.1	Not Detected	5.0	Not Detected
Methyl tert-butyl ether	1.1	130	4.1	490
Naphthalene	4.6	Not Detected	24	Not Detected
1,2-Dichloroethane	1.1	Not Detected	4.6	Not Detected
1,2-Dibromoethane (EDB)	1.1	Not Detected	8.8	Not Detected
Ethanol	4.6	Not Detected	8.6	Not Detected
tert-Amyl methyl ether	4.6	Not Detected	19	Not Detected
tert-Butyl alcohol	4.6	Not Detected	14	Not Detected
Isopropyl ether	4.6	Not Detected	19	Not Detected
Ethyl-tert-butyl ether	4.6	11	19	47

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	NA	Not Detected
Propane, 2-methyl-	75-28-5	50%	29 N J
Propane	74-98-6	9.0%	59 N J

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	125	70-130
Toluene-d8	112	70-130
4-Bromofluorobenzene	90	70-130

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-4@5

Lab ID#: 0610028A-12A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	t101511	Date of Collection:	9/29/06
Dil. Factor:	57.2	Date of Analysis:	10/15/06 06:37 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	29	Not Detected	91	Not Detected
Ethyl Benzene	29	Not Detected	120	Not Detected
Toluene	29	Not Detected	110	Not Detected
m,p-Xylene	29	Not Detected	120	Not Detected
o-Xylene	29	Not Detected	120	Not Detected
Methyl tert-butyl ether	29	58	100	210
Naphthalene	110	Not Detected	600	Not Detected
1,2-Dichloroethane	29	Not Detected	120	Not Detected
1,2-Dibromoethane (EDB)	29	Not Detected	220	Not Detected
Ethanol	110	Not Detected	220	Not Detected
tert-Amyl methyl ether	110	Not Detected	480	Not Detected
tert-Butyl alcohol	110	Not Detected	350	Not Detected
Isopropyl ether	110	Not Detected	480	Not Detected
Ethyl-tert-butyl ether	110	Not Detected	480	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	NA	Not Detected
Isobutane	75-28-5	NA	Not Detected
Propane	74-98-6	NA	Not Detected

Q = Exceeds Quality Control limits.

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	153 Q	70-130
Toluene-d8	116	70-130
4-Bromofluorobenzene	91	70-130

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-4@7.5

Lab ID#: 0610028A-13A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	t101512	Date of Collection:	9/29/06
Dil. Factor:	112	Date of Analysis:	10/15/06 07:20 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	56	Not Detected	180	Not Detected
Ethyl Benzene	56	Not Detected	240	Not Detected
Toluene	56	Not Detected	210	Not Detected
m,p-Xylene	56	Not Detected	240	Not Detected
o-Xylene	56	Not Detected	240	Not Detected
Methyl tert-butyl ether	56	110	200	410
Naphthalene	220	Not Detected	1200	Not Detected
1,2-Dichloroethane	56	Not Detected	230	Not Detected
1,2-Dibromoethane (EDB)	56	Not Detected	430	Not Detected
Ethanol	220	Not Detected	420	Not Detected
tert-Amyl methyl ether	220	Not Detected	940	Not Detected
tert-Butyl alcohol	220	Not Detected	680	Not Detected
Isopropyl ether	220	Not Detected	940	Not Detected
Ethyl-tert-butyl ether	220	Not Detected	940	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	NA	Not Detected
Isobutane	75-28-5	NA	Not Detected
Propane	74-98-6	NA	Not Detected

Q = Exceeds Quality Control limits.

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	154 Q	70-130
Toluene-d8	116	70-130
4-Bromofluorobenzene	95	70-130

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-4@10

Lab ID#: 0610028A-14A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	t101514	Date of Collection:	9/29/06
Dil. Factor:	45800	Date of Analysis:	10/15/06 09:13 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	23000	56000	73000	180000
Ethyl Benzene	23000	98000	99000	430000
Toluene	23000	120000	86000	440000
m,p-Xylene	23000	58000	99000	250000
o-Xylene	23000	Not Detected	99000	Not Detected
Methyl tert-butyl ether	23000	Not Detected	82000	Not Detected
Naphthalene	92000	Not Detected	480000	Not Detected
1,2-Dichloroethane	23000	Not Detected	93000	Not Detected
1,2-Dibromoethane (EDB)	23000	Not Detected	180000	Not Detected
Ethanol	92000	Not Detected	170000	Not Detected
tert-Amyl methyl ether	92000	Not Detected	380000	Not Detected
tert-Butyl alcohol	92000	Not Detected	280000	Not Detected
Isopropyl ether	92000	Not Detected	380000	Not Detected
Ethyl-tert-butyl ether	92000	Not Detected	380000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	72%	790000 N J
Propane, 2-methyl-	75-28-5	38%	780000 N J
Propane	74-98-6	NA	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	119	70-130
Toluene-d8	116	70-130
4-Bromofluorobenzene	99	70-130

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0610028A-15A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	t101318	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 10/13/06 11:49 PM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
Naphthalene	2.0	Not Detected	10	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
tert-Amyl methyl ether	2.0	Not Detected	8.4	Not Detected
tert-Butyl alcohol	2.0	Not Detected	6.1	Not Detected
Isopropyl ether	2.0	Not Detected	8.4	Not Detected
Ethyl-tert-butyl ether	2.0	Not Detected	8.4	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	NA	Not Detected
Isobutane	75-28-5	NA	Not Detected
Propane	74-98-6	NA	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	108	70-130
Toluene-d8	116	70-130
4-Bromofluorobenzene	94	70-130

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0610028A-15B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	t101505	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 10/15/06 01:18 PM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
Naphthalene	2.0	Not Detected	10	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
tert-Amyl methyl ether	2.0	Not Detected	8.4	Not Detected
tert-Butyl alcohol	2.0	Not Detected	6.1	Not Detected
Isopropyl ether	2.0	Not Detected	8.4	Not Detected
Ethyl-tert-butyl ether	2.0	Not Detected	8.4	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	NA	Not Detected
Isobutane	75-28-5	NA	Not Detected
Propane	74-98-6	NA	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	115	70-130
4-Bromofluorobenzene	94	70-130

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0610028A-16A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	t101315	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 10/13/06 08:39 PM	

Compound	%Recovery
Benzene	88
Ethyl Benzene	89
Toluene	100
m,p-Xylene	86
o-Xylene	92
Methyl tert-butyl ether	91
Naphthalene	64
1,2-Dichloroethane	107
1,2-Dibromoethane (EDB)	89
Ethanol	104
tert-Amyl methyl ether	110
tert-Butyl alcohol	116
Isopropyl ether	123
Ethyl-tert-butyl ether	115

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	115	70-130
4-Bromofluorobenzene	102	70-130

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0610028A-16B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	t101502	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 10/15/06 10:40 AM	

Compound	%Recovery
Benzene	87
Ethyl Benzene	91
Toluene	100
m,p-Xylene	88
o-Xylene	93
Methyl tert-butyl ether	88
Naphthalene	75
1,2-Dichloroethane	108
1,2-Dibromoethane (EDB)	93
Ethanol	101
tert-Amyl methyl ether	113
tert-Butyl alcohol	117
Isopropyl ether	123
Ethyl-tert-butyl ether	118

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	115	70-130
4-Bromofluorobenzene	102	70-130

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0610028A-17A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	t101316	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 10/13/06 09:41 PM	

Compound	%Recovery
Benzene	98
Ethyl Benzene	106
Toluene	111
m,p-Xylene	91
o-Xylene	90
Methyl tert-butyl ether	108
Naphthalene	56 Q
1,2-Dichloroethane	117
1,2-Dibromoethane (EDB)	96
Ethanol	134
tert-Amyl methyl ether	Not Spiked
tert-Butyl alcohol	Not Spiked
Isopropyl ether	Not Spiked
Ethyl-tert-butyl ether	Not Spiked

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	112	70-130
Toluene-d8	117	70-130
4-Bromofluorobenzene	103	70-130

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0610028A-17B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	t101503	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 10/15/06 11:37 AM	

Compound	%Recovery
Benzene	97
Ethyl Benzene	106
Toluene	110
m,p-Xylene	91
o-Xylene	88
Methyl tert-butyl ether	105
Naphthalene	62
1,2-Dichloroethane	118
1,2-Dibromoethane (EDB)	100
Ethanol	132
tert-Amyl methyl ether	Not Spiked
tert-Butyl alcohol	Not Spiked
Isopropyl ether	Not Spiked
Ethyl-tert-butyl ether	Not Spiked

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	111	70-130
Toluene-d8	115	70-130
4-Bromofluorobenzene	102	70-130

Air Toxics LTD.
AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0610028C

Work Order Summary

CLIENT:	Mr. Bob Foss Cambria Environmental Technology 5900 Hollis Street Suite A Emeryville, CA 94608	**BILL TO:**	Mr. Bob Foss Cambria Environmental Technology 5900 Hollis Street Suite A Emeryville, CA 94608
PHONE:	510-420-0700	**P.O. #**	3IJ-1806
FAX:	510-420-9170	**PROJECT #**	3IJ-1806 9-3322
DATE RECEIVED:	10/03/2006	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	10/16/2006		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	VP-3@5	Modified ASTM D-1946	4.0 "Hg
02A	VP-3@7.5	Modified ASTM D-1946	5.0 "Hg
03A	VP-3@7.5 DUP	Modified ASTM D-1946	2.5 "Hg
04A	VP-3@10	Modified ASTM D-1946	5.5 "Hg
05A	VP-2@5	Modified ASTM D-1946	4.0 "Hg
06A	VP-2@7.5	Modified ASTM D-1946	3.5 "Hg
06AA	VP-2@7.5 Duplicate	Modified ASTM D-1946	3.5 "Hg
07A	VP-2@10	Modified ASTM D-1946	3.5 "Hg
08A	VP-1@5	Modified ASTM D-1946	3.5 "Hg
09A	VP-1@7.5	Modified ASTM D-1946	2.5 "Hg
10A	VP-1@7.5 DUP	Modified ASTM D-1946	3.0 "Hg
11A	VP-1@10	Modified ASTM D-1946	3.5 "Hg
12A	VP-4@5	Modified ASTM D-1946	3.5 "Hg
13A	VP-4@7.5	Modified ASTM D-1946	3.0 "Hg
14A	VP-4@10	Modified ASTM D-1946	3.5 "Hg
15A	Lab Blank	Modified ASTM D-1946	NA
16A	LCS	Modified ASTM D-1946	NA

CERTIFIED BY: Linda J. Fruman DATE: 10/16/06

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/06, Expiration date: 06/30/07
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified ASTM D-1946
Cambria Environmental Technology
Workorder# 0610028C

Fourteen 1 Liter Summa Canister (100% Certified) samples were received on October 03, 2006. The laboratory performed analysis via Modified ASTM Method D-1946 for fixed gases in air using GC/TCD. The method involves direct injection of 1.0 mL of sample.

On the analytical column employed for this analysis, Oxygen coelutes with Argon. The corresponding peak is quantitated as Oxygen.

Method modifications taken to run these samples include:

Requirement	*ASTM D-1946*	*ATL Modifications*
Calibration	A single point calibration is performed using a reference standard closely matching the composition of the unknown.	A 3-point calibration curve is performed. Quantitation is based on a daily calibration standard which may or may not resemble the composition of the associated samples.
Reference Standard	The composition of any reference standard must be known to within 0.01 mol % for any component.	The standards used by ATL are blended to a >/= 95% accuracy.
Sample Injection Volume	Components whose concentrations are in excess of 5 % should not be analyzed by using sample volumes greater than 0.5 mL.	The sample container is connected directly to a fixed volume sample loop of 1.0 mL on the GC. Linear range is defined by the calibration curve. Bags are loaded by vacuum.
Normalization	Normalize the mole percent values by multiplying each value by 100 and dividing by the sum of the original values. The sum of the original values should not differ from 100% by more than 1.0%.	Results are not normalized. The sum of the reported values can differ from 100% by as much as 15%, either due to analytical variability or an unusual sample matrix.
Precision	Precision requirements established at each concentration level.	Duplicates should agree within 25% RPD for detections > 5 X's the RL.

Receiving Notes

The Chain of Custody (COC) information for sample VP-4@10 did not match the information on the canister with regard to canister identification. The client was notified of the discrepancy and the information

on the canister was used to process and report the sample.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:
B - Compound present in laboratory blank greater than reporting limit.
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the detection limit.
M - Reported value may be biased due to apparent matrix interferences.
File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

Client Sample ID: VP-3@5

Lab ID#: 0610028C-01A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.23	22
Carbon Dioxide	0.023	0.065

Client Sample ID: VP-3@7.5

Lab ID#: 0610028C-02A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.24	6.7
Carbon Dioxide	0.024	10

Client Sample ID: VP-3@7.5 DUP

Lab ID#: 0610028C-03A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.22	6.7
Carbon Dioxide	0.022	11

Client Sample ID: VP-3@10

Lab ID#: 0610028C-04A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.25	3.7
Carbon Dioxide	0.025	6.4

Client Sample ID: VP-2@5

Lab ID#: 0610028C-05A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.23	18
Carbon Dioxide	0.023	2.1

Client Sample ID: VP-2@7.5

Lab ID#: 0610028C-06A

Summary of Detected Compounds
MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

Client Sample ID: VP-2@7.5

Lab ID#: 0610028C-06A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.23	3.6
Carbon Dioxide	0.023	9.9

Client Sample ID: VP-2@7.5 Duplicate

Lab ID#: 0610028C-06AA

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.23	3.6
Carbon Dioxide	0.023	9.9

Client Sample ID: VP-2@10

Lab ID#: 0610028C-07A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.23	3.2
Carbon Dioxide	0.023	10

Client Sample ID: VP-1@5

Lab ID#: 0610028C-08A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.23	12
Carbon Dioxide	0.023	7.5

Client Sample ID: VP-1@7.5

Lab ID#: 0610028C-09A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.22	2.9
Carbon Dioxide	0.022	14

Client Sample ID: VP-1@7.5 DUP

Lab ID#: 0610028C-10A

Summary of Detected Compounds
MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

Client Sample ID: VP-1@7.5 DUP

Lab ID#: 0610028C-10A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.22	2.6
Carbon Dioxide	0.022	14

Client Sample ID: VP-1@10

Lab ID#: 0610028C-11A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.23	1.8
Carbon Dioxide	0.023	15

Client Sample ID: VP-4@5

Lab ID#: 0610028C-12A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.23	7.8
Carbon Dioxide	0.023	14

Client Sample ID: VP-4@7.5

Lab ID#: 0610028C-13A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.22	5.1
Carbon Dioxide	0.022	16

Client Sample ID: VP-4@10

Lab ID#: 0610028C-14A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.23	1.9
Carbon Dioxide	0.023	16

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-3@5

Lab ID#: 0610028C-01A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	9100610b	Date of Collection:	9/28/06
Dil. Factor:	2.33	Date of Analysis:	10/6/06 11:59 AM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.23	22
Carbon Dioxide	0.023	0.065

Container Type: 1 Liter Summa Canister (100% Certified)

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-3@7.5

Lab ID#: 0610028C-02A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	9100611b	Date of Collection:	9/28/06
Dil. Factor:	2.42	Date of Analysis:	10/6/06 12:30 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.24	6.7
Carbon Dioxide	0.024	10

Container Type: 1 Liter Summa Canister (100% Certified)

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-3@7.5 DUP

Lab ID#: 0610028C-03A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	9100612b	Date of Collection:	9/28/06
Dil. Factor:	2.20	Date of Analysis:	10/6/06 12:55 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.22	6.7
Carbon Dioxide	0.022	11

Container Type: 1 Liter Summa Canister (100% Certified)

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-3@10

Lab ID#: 0610028C-04A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	9100613b	Date of Collection:	9/28/06
Dil. Factor:	2.47	Date of Analysis:	10/6/06 01:21 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.25	3.7
Carbon Dioxide	0.025	6.4

Container Type: 1 Liter Summa Canister (100% Certified)

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-2@5

Lab ID#: 0610028C-05A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	9100614b	Date of Collection: 9/28/06	
Dil. Factor:	2.33	Date of Analysis: 10/6/06 01:52 PM	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.23	18
Carbon Dioxide	0.023	2.1

Container Type: 1 Liter Summa Canister (100% Certified)

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-2@7.5

Lab ID#: 0610028C-06A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	9100615b	Date of Collection:	9/28/06
Dil. Factor:	2.29	Date of Analysis:	10/6/06 02:16 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.23	3.6
Carbon Dioxide	0.023	9.9

Container Type: 1 Liter Summa Canister (100% Certified)

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-2@7.5 Duplicate

Lab ID#: 0610028C-06AA

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	9100616b	Date of Collection:	9/28/06
Dil. Factor:	2.29	Date of Analysis:	10/6/06 02:54 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.23	3.6
Carbon Dioxide	0.023	9.9

Container Type: 1 Liter Summa Canister (100% Certified)

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-2@10

Lab ID#: 0610028C-07A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	9100617b	Date of Collection:	9/28/06
Dil. Factor:	2.29	Date of Analysis:	10/6/06 03:22 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.23	3.2
Carbon Dioxide	0.023	10

Container Type: 1 Liter Summa Canister (100% Certified)

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-1@5

Lab ID#: 0610028C-08A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	9100618b	Date of Collection:	9/29/06
Dil. Factor:	2.29	Date of Analysis:	10/6/06 03:45 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.23	12
Carbon Dioxide	0.023	7.5

Container Type: 1 Liter Summa Canister (100% Certified)

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-1@7.5

Lab ID#: 0610028C-09A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	9100619b	Date of Collection:	9/29/06
Dil. Factor:	2.20	Date of Analysis:	10/6/06 04:10 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.22	2.9
Carbon Dioxide	0.022	14

Container Type: 1 Liter Summa Canister (100% Certified)

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-1@7.5 DUP

Lab ID#: 0610028C-10A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	9100620b	Date of Collection:	9/29/06
Dil. Factor:	2.24	Date of Analysis:	10/6/06 04:33 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.22	2.6
Carbon Dioxide	0.022	14

Container Type: 1 Liter Summa Canister (100% Certified)

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-1@10

Lab ID#: 0610028C-11A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	9100621b	Date of Collection:	9/29/06
Dil. Factor:	2.29	Date of Analysis:	10/6/06 04:57 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.23	1.8
Carbon Dioxide	0.023	15

Container Type: 1 Liter Summa Canister (100% Certified)

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-4@5

Lab ID#: 0610028C-12A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	9100622b	Date of Collection:	9/29/06
Dil. Factor:	2.29	Date of Analysis:	10/6/06 05:20 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.23	7.8
Carbon Dioxide	0.023	14

Container Type: 1 Liter Summa Canister (100% Certified)

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-4@7.5

Lab ID#: 0610028C-13A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	9100623b	Date of Collection:	9/29/06
Dil. Factor:	2.24	Date of Analysis:	10/6/06 06:52 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.22	5.1
Carbon Dioxide	0.022	16

Container Type: 1 Liter Summa Canister (100% Certified)

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-4@10

Lab ID#: 0610028C-14A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	9100624b	Date of Collection:	9/29/06
Dil. Factor:	2.29	Date of Analysis:	10/6/06 07:22 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.23	1.9
Carbon Dioxide	0.023	16

Container Type: 1 Liter Summa Canister (100% Certified)

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0610028C-15A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	9100604b	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 10/6/06 07:36 AM	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.10	Not Detected
Carbon Dioxide	0.010	Not Detected

Container Type: NA - Not Applicable

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0610028C-16A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	9100625b	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 10/6/06 08:09 PM	

Compound	%Recovery
Oxygen	101
Carbon Dioxide	102

Container Type: NA - Not Applicable

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922.

Contact Person: Charlotte Evans

Company: Cambria Email: cevans@cambria-env.com

Address: 5900 Hollis St. Ste A City: Emeryville State: CA Zip: 94608

Phone: 510-420-3351 Fax: 510-420-9170

Collected by: (Signature) CEvans

Project Info:

P.O. #: 31J-1806

Project #: 31J-1806

Project Name: 9-3322

Turn Around Time:

☑ Normal

☐ Rush

specify

Lab Use Only

Pressurized by: RS

Date: 10/6/06

Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can#	Date	Time	Analyses Requested	Canister Pressure/Vacuum Initia.	Final	Receipt	Final
01A	VP-3@5	3413?	09/28/06	07:59	TO-3: TPH (gasoline range	-30	-5	H, 0"Hg	15.0"Hg
02A	VP-3@7.5	5041		08:26	TO-15: naphthalene, BTEX, MTBE,	-28	-4	5.0"Hg	
03A	VP-3@7.5 DUP	35554		08:26	DIPE, TAME, ETBE, TBA, EDB,	-30	-2	2.5"Hg	
04A	VP-3@10	35401		08:52	1,2-DCA, ethanol, butane,	-28	-5	5.5"Hg	
05A	VP-2@5	31781		09:33	isobutane, propene,	-28	-5	H, 0"Hg	
06A	VP-2@7.5	33709		09:50	ASTM D-1946: CO_2, O_2	-29.5	-5	3.5"Hg	
07A	VP-2@10	34111		10:09		-29.5	-5	3.5"Hg	
08A	VP-1@5	3390	09/29/06	08:28		-30	-5	3.5"Hg	
09A	VP-1@7.5	31751		09:15		-29.5	-4	2.5"Hg	
10A	VP-1@7.5 DUP			09:15		-29.5	-4.5	3.0"Hg	

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time	Notes:
CEvans	09/29/06 19:30	[signature] ATT	9/30/06 0940	
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time	
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Customer Seals Intact?	Work Order #
	DHL	1805088153	NA	good	Yes No (None)	0610028

AIR TOXICS LTD.
AN ENVIRONMENTAL ANALYTICAL LABORATORY

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922.

CHAIN-OF-CUSTODY RECORD

Contact Person: Charlotte Evans
Company: Cambria Email:
Address: 5900 Hollis St. Ste A City: Emeryville State: CA Zip: 94608
Phone: 510-420-3351 Fax: 510-420-9170
Collected by: (Signature)

Project Info:
P.O. #: 31T-1806
Project #: 31T-1806
Project Name: 9-3322

Turn Around Time: (Lab Use Only)
☑ Normal
☐ Rush
specify

Pressurized by: BS
Date: 10/6/06
Pressurization Gas: N He

Lab I.D.	Field Sample I.D. (Location)	Can#	Date	Time	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psig)
1A	VP-1 @ 10	35545	09/29/06	09:36	TO-3: TPH	-29.5	-5	3.5	15.0
2A	VP-4 @ 5	2117	↓	10:38	TO-15: naphthalene, BTEX,	-30	-5	3.5	1.1
3A	VP-4 @ 7.5	14513		10:58	MTBE, DIPE, TAME, ETBE, TBA,	-30	-4.5	3.5	
4A	VP-4 @ 10	11411		11:16	EDB, 1,2-DCA, ethanol,	-30	-5	3.5	↓
					butane, isobutane, propane				
					ASTM D-1946: CO_2, O_2				

Notes:

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
	09/29/06 19:30		10/03/06 0940
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Customer Seals Intact?	Work Order #
	DHL	1810508153	NA	good	Yes No (None)	0610028

Form 1298 rev.10