December 20, 2006

QUARTERLY MONITORING REPORT
4th Quarter, 2006

245 8th Street
Oakland, California 94607

AEI Project No. 111783
ACEH Case No. RO0000202 / State ID 263

Prepared For

Mr. Vic Lum
Vic's Automotive
245 8th Street
Oakland, CA 94607

Prepared By

AEI Consultants
2500 Camino Diablo Blvd., Suite 200
Walnut Creek, California 94597
(925) 283-6000

AEI

AEI CONSULTANTS
ENVIRONMENTAL & CIVIL ENGINEERING

2500 Camino Diablo, Suite 200, Walnut Creek, CA 94597
Phone: (925) 283-6000 Fax: (925) 944-2895

December 20, 2006

Mr. Vic Lum
Vic's Automotive
245 8th Street
Oakland, CA 94607

Subject: **Quarterly Monitoring Report**
4th Quarter, 2006
245 8th Street
Oakland, California 94607
AEI Project No. 111783
ACEH No. RO0000202 / State ID 263

Dear Mr. Lum:

AEI Consultants (AEI) has prepared this report on behalf of Mr. Vic Lum of Vic's Automotive and documents the ongoing groundwater and soil gas investigation at the above-referenced property (Figure 1). This investigation was initiated by the property owner in accordance with the requirements of the Alameda County Environmental Health (ACEH) local oversight program. The purpose of this investigation is to monitor pollution associated with the release of fuel hydrocarbons from the former underground storage tank system. This report presents the findings of the 4th quarter, 2006 groundwater monitoring and soil gas sampling episode conducted on November 8, 2006.

I. Site Description and Background

The subject property (hereafter referred to as the "site" or "property") is located in a mixed commercial and residential area of Oakland. The site is a lot on the south corner of Alice Street and 8th Street, and is currently developed with a gasoline station and auto repair facility (Figure 2). The property covers approximately 9,375 square feet and is improved with an approximately 1,200 square foot building located centrally on the property used for automotive repair, cashier, and office. The current UST hold and the dispenser island are located to the north of the building, along 8th Street. The remainder of the property is paved with asphalt.

Between June 1993 and August 1994, AEI removed a total of seven (7) underground storage tanks (USTs) from the property. The tanks consisted of four (4) 1,000-gallon and two (2) 6,000-gallon gasoline tanks and one (1) 250-gallon waste oil tank. The former locations of the tanks are shown on Figure 2. Impacted soil was removed from beneath the former tank area. Groundwater was encountered beneath the former 6,000-gallon tanks. Light non-aqueous phase liquid (LNAPL) was observed on the water table beneath the southern tank. The excavated soil was transported to an appropriate disposal facility and the excavation was backfilled with clean fill material. A new tank system was installed just west of the dispenser island.

Two groundwater monitoring wells (MW-1 and MW-2) were installed in July 1995. The first two episodes of monitoring revealed total petroleum hydrocarbons as gasoline (TPH-g) and Benzene up to 210,000 µg/L and 720 µg/L, respectively, in MW-2. Free phase gasoline product (LNAPL), was discovered in MW-1, which ranged from 1.20 to 4.39 feet thick between December 1995 and March 1996.

Three soil borings (SB-1 through SB-3) were advanced in August 1996. Groundwater samples collected from each of the borings contained TPH-g and Benzene ranging from 120,000 to 140,000 µg/L, and from 12,000 to 19,000 µg/L, respectively. Methyl tertiary-butyl ether (MTBE) was also present in all three samples, up to 27,000 µg/L. Although free phase product was not observed in the field, qualitative laboratory observations indicated immiscible sheen. Manual bailing and pumping of NAPL from MW-1, and monitoring of MW-2 occurred intermittently through 1997.

Two additional groundwater monitoring wells (MW-3 and MW-4) were installed in May 2001. Refer to Tables 1 and 2 for data collected from these wells. A free product recovery pump was installed in MW-1 in June 2001.

Fourteen (14) additional soil borings were performed on and offsite in 2003, from which soil, groundwater, and soil vapor samples were collected to further characterize the extent of the release.

On January 11, 19, and 20, 2005, AEI installed a total of six (6) additional wells, three (3) extraction/monitoring wells on the subject site and three (3) extraction/monitoring wells at 708 Alice Street. The locations of the six (6) additional wells (labeled MW-5 through MW-7 and MW-10 through MW-12) are shown on Figure 2. Note that wells MW-8 and MW-9 were proposed for installation in the public right of way, north of and west of the site. However, due to insurance and permitting limitations imposed by the City of Oakland, these wells were not been installed, and likely cannot be installed in City of Oakland right-of-way.

A high vacuum dual phase extraction (HVDPE) pilot test was performed at the site from July 11 to July 27, 2005, using wells MW-1 through MW-3 and MW-10 through MW-12. Vapor flow rates ranged from approximately 170 to 190 standard cubic feet per minute (scfm) under a sustained vacuum of 16 to 17 inches of mercury. Significant drawdown and vacuum response was observed in many of the monitoring points. A total of 80,740 gallons of water was recovered and treated for an average flow rate of about 4.1 gallons per minute over the 15-day pilot test. Approximately 5 pounds per day of dissolved phase and 697 lbs/day of vapor phase hydrocarbons were recovered. Based on the favorable results, and following review and approval by ACEH, implementation of a fixed base HVDPE system is currently underway.

On July 13, 2006, four (4) permanent soil gas probes (GP-1 through GP-4) were installed to evaluate the potential risk for vapor intrusion into indoor air. Two soil gas probes were installed on the western side of the subject property near 718 Alice Street and the remaining two on an

empty lot at 708 Alice Street near 712 Alice Street. The locations of the four permanent soil gas probes are shown on Figure 2.

Soil gas sampling was conducted in conjunction with the quarterly groundwater monitoring episode.

II. Summary of Groundwater Monitoring Activities

AEI measured depth to groundwater in wells MW-1 through MW-7 and MW-10 through MW-12 on November 8, 2006. The well locations are shown in Figure 2. The depth from the top of the well casings was measured with an electric water level indicator prior to sampling. An oil-water interface meter was used to measure thickness of LNAPL observed in MW-1 and MW-6. The eight (8) wells with no measurable free product (MW-2 through MW-5, MW-7 and MW-10 through MW-12) were purged of at least three well volumes of water with a submersible purge pump and sampled using disposable polyethylene bailers.

Temperature, turbidity, pH, specific conductivity, dissolved oxygen (DO), and oxidation-reduction potential (ORP) were measured during the purging of the wells. The turbidity was visually noted. Once temperature, pH, specific conductivity stabilized after three consecutive readings and following the recovery of water levels to at least 90%, a water sample was collected. The well locations are shown in Figure 2.

The groundwater samples were collected with disposable bailers into 40-millileter (mL) volatile organic analysis (VOA) vials and capped so that neither head space nor air bubbles were present within the sample containers. Samples were preserved on ice and transported under proper chain of custody protocol to McCampbell Analytical, Inc. of Bay Point, California (Department of Health Services Certification #1644). The eight (8) groundwater samples were submitted for chemical analysis for analyses of TPH-g by Method SW8015Cm and Benzene, Toluene, Ethylbenzene, and total Xylenes and MTBE by Method SW8021B and Halogenated Volatile Organic Compounds (HVOCs) by EPA 8260 (8010 list).

III. Field Results

LNAPL was encountered in wells MW-1 and MW-6 at thicknesses of 0.01 feet and 0.38 feet, respectively. No measurable thickness of free product was encountered in the remaining wells. However, sheen of LNAPL was noted in well MW-7.

Groundwater elevations for this monitoring event ranged from 15.63 (MW-11) to 16.97 (MW-3) feet above mean sea level (amsl). The current groundwater elevations were an average of 0.93 feet lower than the previous monitoring event (August 4, 2006). The groundwater flow direction at the time of measurement is to the south-southwest with a calculated hydraulic gradient of approximately 0.007 ft/ft.

Groundwater elevation data are summarized in Table 1. A summary of the average groundwater elevations and flow directions are presented in Table 2. Water table contours are shown on Figure 5. Refer to Appendix A for the Monitoring Well Field Sampling Forms.

IV. Summary of Soil Gas Sampling Activities

On November 8, 2006, soil gas samples were collected from soil gas probes GP-1 through GP-4, which were screened at two depths, 5 feet bgs and 10 feet bgs.

Prior to sample collection, the soil gas probes were purged of three (3) volumes of dead air using a dedicated 6-L Summa™ purge canister. This helped to ensure that a sufficient volume of ambient air was removed from the sampling point and that samples collected were representative of subsurface conditions. The purge volume was calculated by summing the volume of the sample tubing and annular space around the probe tip. One purge volume for the 5 and 10-foot probes are 16.1 and 27.6 mL, respectively. Three default purge volumes for the 5 and 10-foot probes are 48.3 and 82.8 mL, respectively. Therefore, to adequately purge the 5 and 10 foot probes (at 167 mL/min) it took approximately 18 and 30 seconds, respectively.

After the probes were adequately purged of three well volumes, soil gas samples were collected into laboratory-evacuated 1-L Summa™ canisters pending transportation to the laboratory. Critical orifice flow control regulators designed and provided by Air Toxics affixed with a vacuum gauge was placed inline between the soil gas probe and Summa™ canister to ensure that it was filled at a constant rate of 100 to 200 milliliters per minute (mL/min) as recommend by the ASGI. The evacuated Summa™ canisters were filled at a constant rate of 167 milliliters per minute (mL/min). A new or laboratory-certified clean flow controller was used at each sampling point. Low or no flow conditions were not encountered

A rag moistened with the leak check compound (isopropyl alcohol), was placed inside the well box where the soil gas tubing and the grout seal meet A leak test dome made of a 12-inch round plastic bowl was then placed upside-down over the top of the well box and secured using the well box lid. Cotton strips moistened with isopropyl alcohol were placed around the Swagelok® valves, fittings, connections, and other potential leak points. To avoid possible cross contamination, the isopropyl alcohol leak check compound was stored separately from the other sampling tools in a zipper locking bag.

A total of nine (9) soil gas samples, which included one field duplicate (GP-4-5D) were shipped via UPS ground under proper chain of custody protocol to Air Toxics, Ltd. of Folsom, California (Department of Health Services Certification #02110CA). Samples were analyzed for TPH-g by EPA Method Modified TO-3 and for select volatile organic compounds (VOCs) including BTEX, MTBE, Tetrachloroethene (PCE), Trichloroethene (TCE), 1,1-DCE, cis and trans 1,2-DCE and ethanol by EPA Method Modified TO-15 along with the 2-Propanol leak check compound. Laboratory procedures included appropriate quality assurance and quality control analyses, including method blanks and use of surrogates during sample analyses. According to Air Toxics, the analytical equipment was calibrated in conformance with the most current ASGI and the

Analytical Methods.

V. Groundwater Monitoring Results

For this monitoring event, the highest detected concentrations of fuel hydrocarbons were in MW-7, MW-11, and MW-12. TPH-g, benzene, toluene, ethylbenzene, total xylenes, and MTBE were detected in these wells at concentrations up to 240,000 µg/L, 41,000 µg/L, 44,000 µg/L, 3,300 µg/L, 16,000 µg/L, and 33,000 µg/L, respectively. Lower but elevated concentrations of TPH-g were detected in MW-2 (110,000 µg/L), MW-5 (51,000 µg/L) and MW-10 (57,000 µg/L). Low to non-detectable concentrations of fuel hydrocarbons were detected in MW-3 and MW-4.

A summary of groundwater sample analytical data is presented in Table 3 and on Figure 3. Laboratory analytical reports and chain of custody documents are included in Appendix B.

VI. Soil Gas Sampling Results

The highest concentrations of TPH-g were detected in GP-1-5' as well as GP-2-5' and GP-3-10' at concentrations of 1,100 µg/m^3 and 1,800 µg/m^3, respectively. TPH-g was detected in all other samples, at concentrations up to 950 µg/m^3.

Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) were not detected above laboratory detection limits.

Tetrachloroethene (PCE) was detected in three samples, at concentrations up to 450 µg/m^3 (GP-2-10'). TCE, 1,1-DCE, cis-trans-1,2-DCE were not detected above the laboratory reporting limits of 5.0 µg/m^3. The leak check compound, 2-propanol, was not detected in any samples.

A summary of soil gas sample analytical data is presented in Table 4 and on Figure 4. Laboratory analytical reports and chain of custody documents are included in Appendix B.

VII. Summary and Upcoming Activities

This report presents the findings of the 4th Quarter, 2006 groundwater monitoring and soil gas event. The results of this groundwater monitoring episode are generally consistent with previous episodes and indicates that a significant mass of free product and dissolved phase hydrocarbons exist on and offsite. LNAPL remains in wells MW-1 and MW-6 with significant dissolved phase contaminants present in many of the other wells. PCE was not detected in any of the groundwater samples, although it was detected in soil gas samples GP-1-5 and GP-2-5 and -10. During the upcoming quarter, the following activities are planned:

groundwater samples, although it was detected in soil gas samples GP-1-5 and GP-2-5 and -10. During the upcoming quarter, the following activities are planned:

- The next quarterly soil gas sampling and groundwater monitoring event (1st Quarter, 2007) are scheduled for early February 2007. Groundwater samples will be analyzed for TPH-g, BTEX and MTBE and soil gas samples for TPH-g, BTEX, MTBE, and PCE

- Mobilization and startup of the HVDPE system is expected to occur in late January or February 2007. Conveyance piping and other underground work was completed in December 2006 with resurfacing and electrical hookup to occur within the coming weeks. The BAAQMD permit to construct has recently been received. AEI expects that the HVDPE unit will be ready for delivery by mid January. The ACHCSA will be notified of the anticipated system startup date as the schedule becomes firm or if there are any significant delays.

- Arrange access for the installation of a down-gradient groundwater monitoring well on private property along the eastern side of 7th Street. ACHCSA will be notified once access is arranged.

VIII. Report Limitations and Signatures

This report presents a summary of work completed by AEI Consultants, including observations and descriptions of site conditions. Where appropriate, it includes analytical results for samples taken during the course of the work. The number and location of samples are chosen to provide required information, but it cannot be assumed that they are entirely representative of all areas not sampled. All conclusions and recommendations are based on these analyses, observations, and the governing regulations. Conclusions beyond those stated and reported herein should not be inferred from this document.

These services were performed in accordance with generally accepted practices in the environmental engineering and geology fields that existed at the time and location of the work. If you have any questions or need any additional information, please contact either of the undersigned at (925) 283-6000.

Sincerely,
AEI Consultants

Calvin Hee
Staff Engineer

Peter J. McIntyre, PG, REA
Senior Project Manager

REGISTERED GEOLOGIST
PETER J. MCINTYRE
Exp. 7/31/08
No. 7702
STATE OF CALIFORNIA

Figure 1 Site Location Map
Figure 2 Site Plan
Figure 3 Groundwater Sample Anlytical Data (11/8/06)
Figure 4 Soil Gas Sample Analytical Data (11/8/06)
Figure 5 Groundwater Elevation Contours (11/8/06)

Tables

Table 1 Groundwater Elevation Data
Table 2 Groundwater Flow Summary
Table 3 Groundwater Sample Analytical Data
Table 4 Soil Gas Sample Analytical Data

Appendix A Monitoring Well and Soil Gas Field Sampling Forms
Appendix B Laboratory Analytical Reports w/ Chain of Custody Documentation

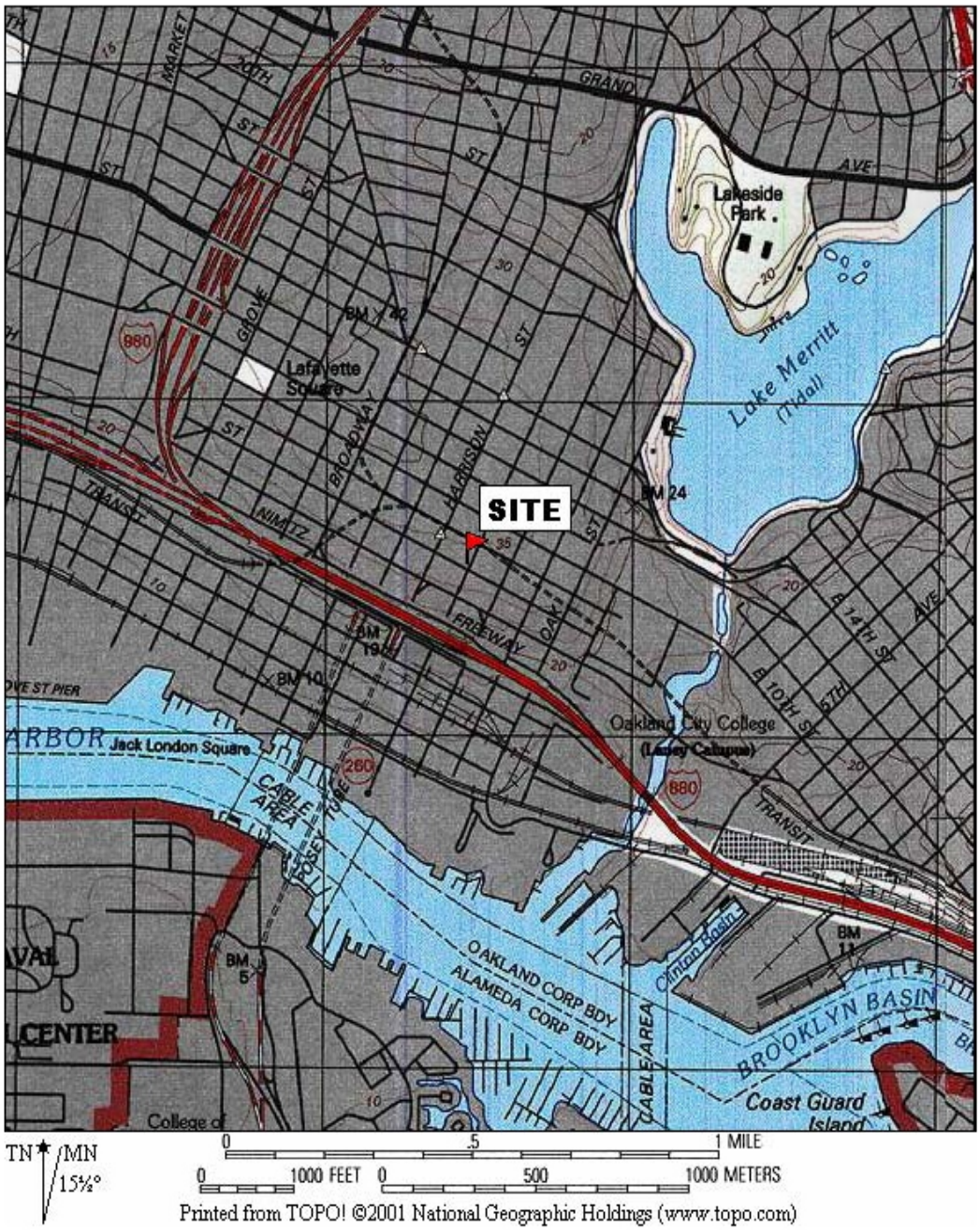
Report Distribution

1) Mr. Victor Lum
Vic's Automotive
245 8th Street
Oakland, CA 94607

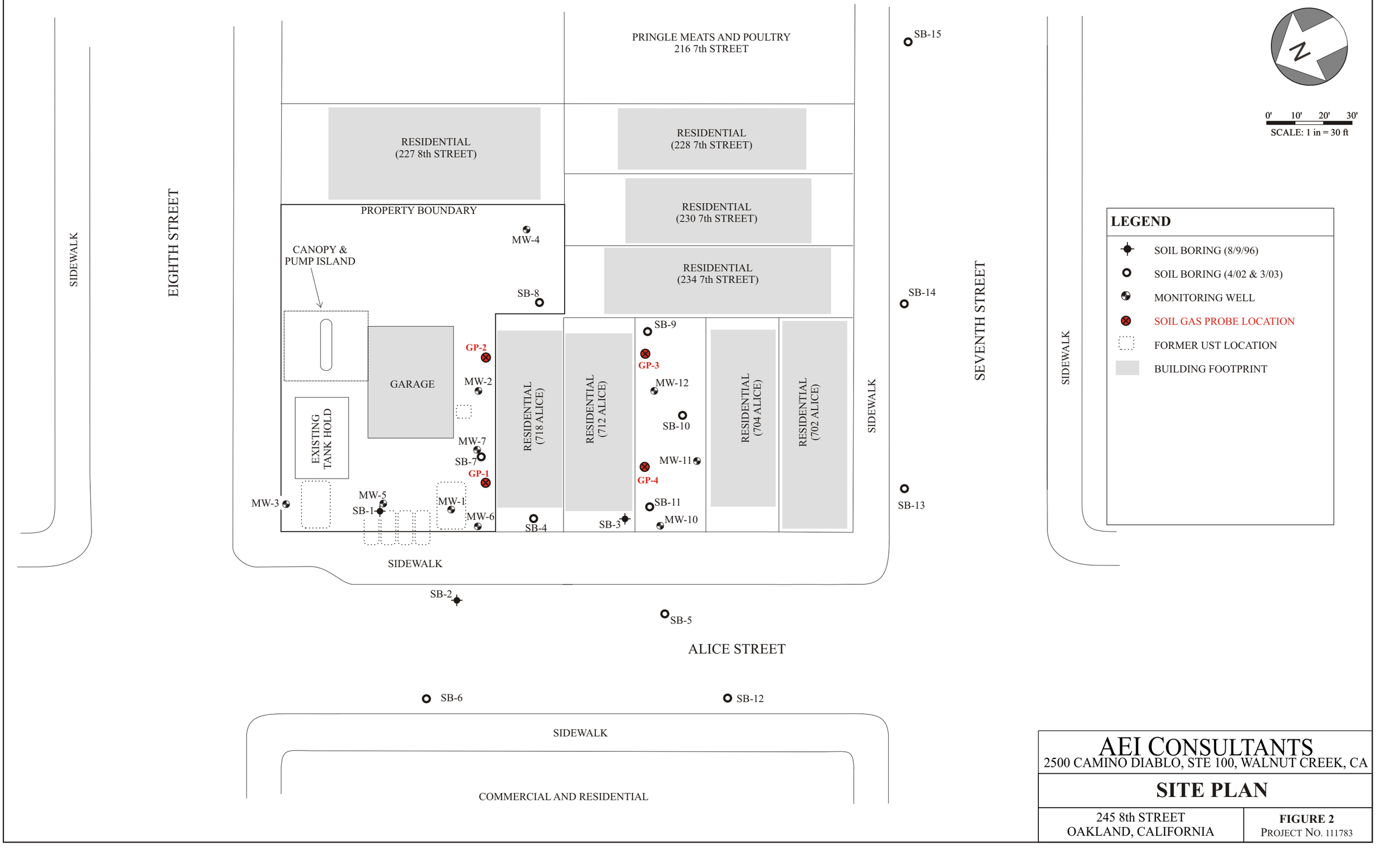
2) Mr. Jerry Wickham (electronic copy)
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

3) Geotracker

FIGURES



AEI CONSULTANTS 2500 Camino Diablo, Suite 200, Walnut Creek, CA 94597	
SITE LOCATION PLAN	
245 8th Street Oakland, California	**FIGURE 1** Job No: 111783



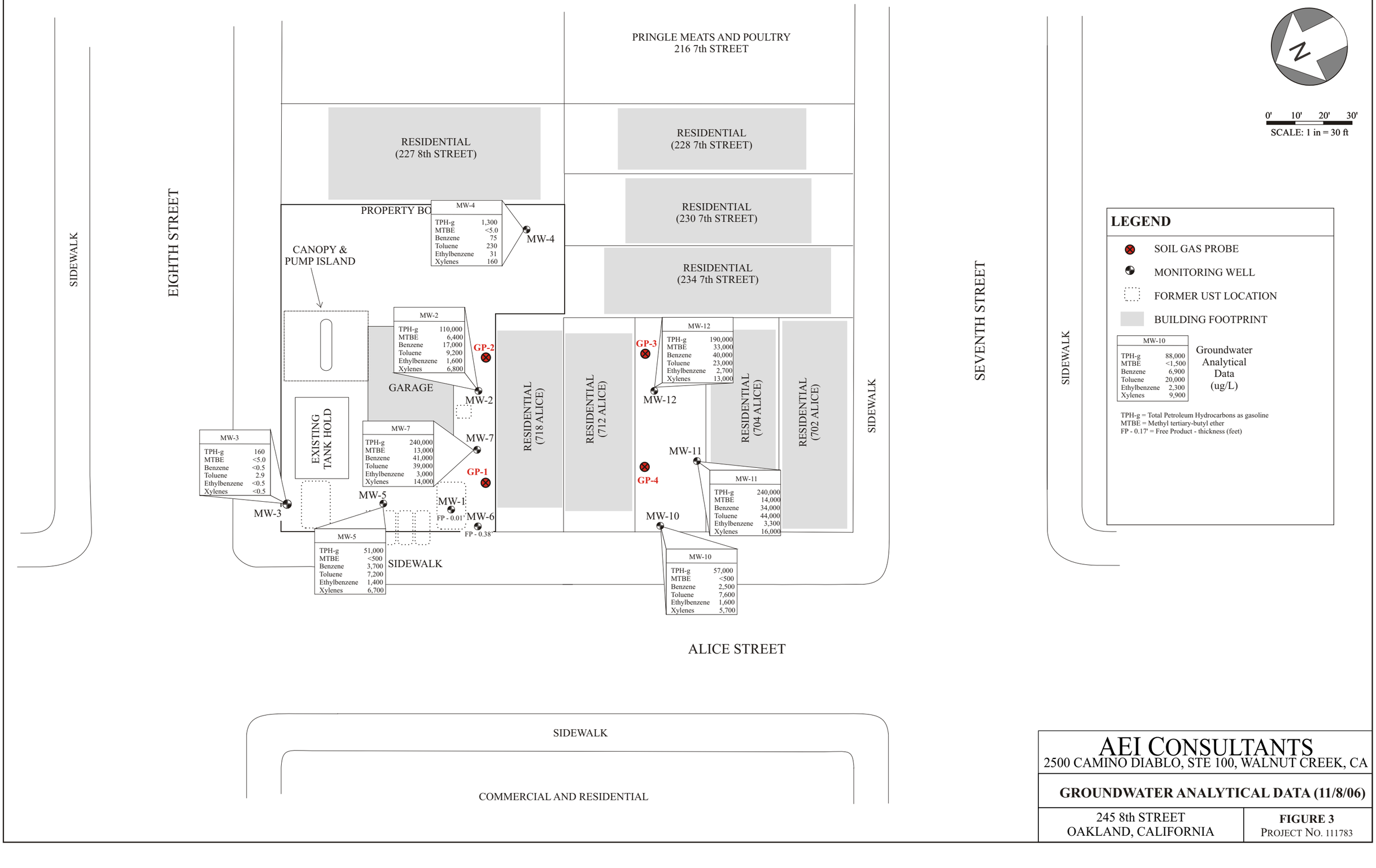
AEI CONSULTANTS

2500 CAMINO DIABLO, STE 100, WALNUT CREEK, CA

SITE PLAN

245 8th STREET
OAKLAND, CALIFORNIA

FIGURE 2
PROJECT NO. 111783



N

0' 10' 20' 30'

SCALE: 1 in = 30 ft

LEGEND

- SOIL GAS PROBE
- MONITORING WELL
- FORMER UST LOCATION
- BUILDING FOOTPRINT

MW-10

TPH-g	88,000
MTBE	<1,500
Benzene	6,900
Toluene	20,000
Ethylbenzene	2,300
Xylenes	9,900

Groundwater Analytical Data (ug/L)

TPH-g = Total Petroleum Hydrocarbons as gasoline
MTBE = Methyl tertiary-butyl ether
FP - 0.17' = Free Product - thickness (feet)

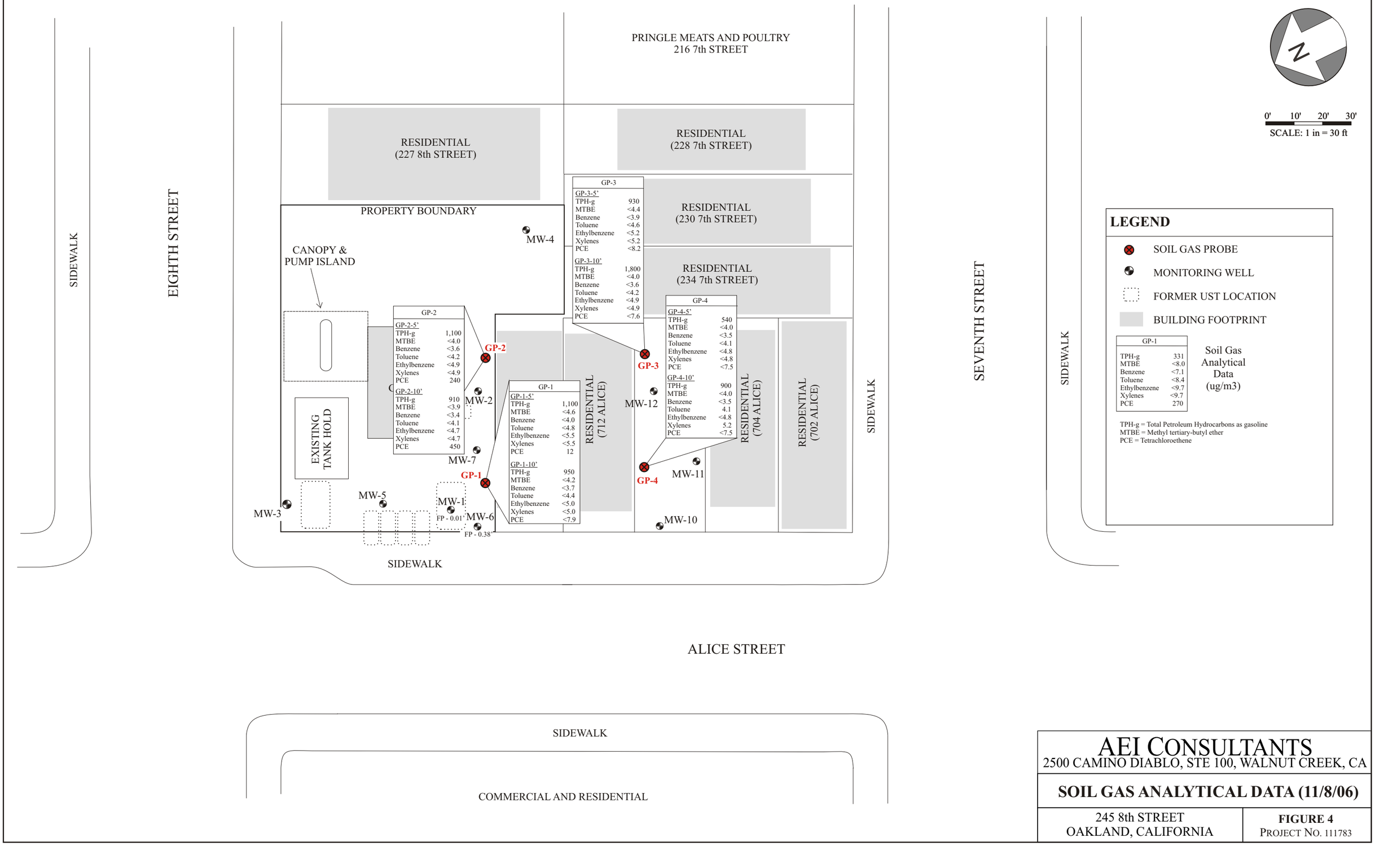
AEI CONSULTANTS

2500 CAMINO DIABLO, STE 100, WALNUT CREEK, CA

GROUNDWATER ANALYTICAL DATA (11/8/06)

245 8th STREET
OAKLAND, CALIFORNIA

FIGURE 3
PROJECT NO. 111783



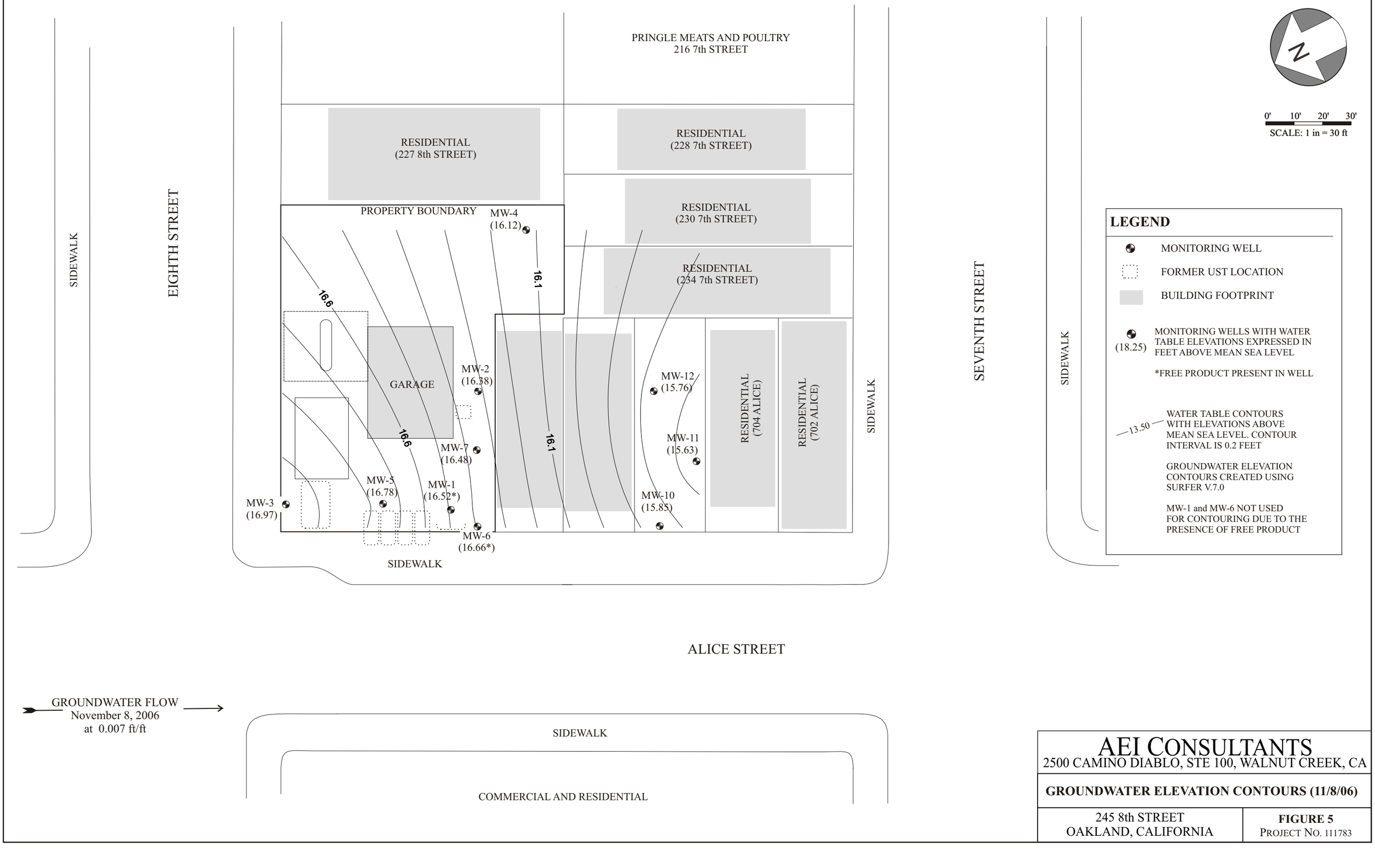
AEI CONSULTANTS

2500 CAMINO DIABLO, STE 100, WALNUT CREEK, CA

SOIL GAS ANALYTICAL DATA (11/8/06)

245 8th STREET
OAKLAND, CALIFORNIA

FIGURE 4
PROJECT NO. 111783



AEI CONSULTANTS

2500 CAMINO DIABLO, STE 100, WALNUT CREEK, CA

GROUNDWATER ELEVATION CONTOURS (11/8/06)

245 8th STREET
OAKLAND, CALIFORNIA

FIGURE 5
PROJECT NO. 111783

TABLES

TABLE 1: GROUNDWATER ELEVATION DATA
Vic's Automotive
245 8th Street, Oakland, California

Well/Sample ID (screen interval)	Date Collected	TOC Well[1,2] Elevation (ft amsl)	Depth to Water (ft)	Groundwater[3] Elevation (ft amsl)	Depth to LNAPL (ft)	Apparent LNAPL Thickness (ft)
MW-1	6/29/2001	27.73	16.52	11.21	14.89	1.63
(8-28)	10/10/2001	27.73	15.45	12.28	15.37	0.08
	1/9/2002	27.73	12.61	15.12	-	<0.01
	4/24/2002	27.73	13.35	14.38	-	<0.01
	7/24/2002	27.73	14.19	13.54	-	<0.01
	11/5/2002	27.73	14.85	12.88	-	<0.01
	2/4/2003	27.73	14.91	12.82	-	<0.01
	5/2/2003	27.73	14.43	13.30	-	0.08
	8/4/2003	27.73	15.24	12.49	15.01	0.23
	11/3/2003	27.73	16.94	10.79	15.67	1.27
	2/9/2004	27.73	14.61	13.12	14.43	0.18
	5/10/2004	27.73	Inaccessible	-	-	-
	8/9/2004	27.73	15.24	12.49	15.03	0.21
	11/9/2004	27.73	15.95	11.78	15.71	0.24
	2/3/2005	32.55	13.75	18.80	13.58	0.17
	5/9/2005	32.55	13.93	18.62	13.81	0.12
	8/5/2005	32.55	15.40	17.15	15.39	0.01
	11/9/2005	32.55	15.76	16.79	15.75	0.01
	2/9/2006	32.55	13.52	19.03	13.50	0.02
	5/4/2006	32.55	12.47	20.08	12.46	0.01
	8/4/2006	32.55	15.11	17.44	15.09	0.02
	11/8/2006	**32.55**	**16.03**	**16.52**	**16.02**	**0.01**
MW-2	6/29/2001	28.16	16.14	12.02	-	-
(8-28)	10/10/2001	28.16	16.43	11.73	-	-
	1/9/2002	28.16	13.50	14.66	-	-
	4/24/2002	28.16	14.40	13.76	-	-
	7/24/2002	28.16	14.91	13.25	-	-
	11/5/2002	28.16	16.96	11.20	-	-
	2/4/2003	28.16	15.42	12.74	-	-
	5/2/2003	28.16	15.24	12.92	-	-
	8/4/2003	28.16	15.98	12.18	-	-
	11/3/2003	28.16	16.60	11.56	-	Sheen
	2/9/2004	28.16	15.22	12.94	-	Sheen
	5/10/2004	28.16	15.34	12.82	-	Sheen
	8/9/2004	28.16	15.92	12.24	-	Sheen
	11/9/2004	28.16	16.51	11.65	-	Sheen
	2/3/2005	33.24	14.44	18.80	-	Sheen
	5/9/2005	33.24	14.67	18.57	-	Sheen
	8/5/2005	33.24	16.27	16.97	-	Sheen
	11/9/2005	33.24	16.53	16.71	-	Sheen
	2/9/2006	33.24	14.36	18.88	-	Sheen
	5/4/2006	33.24	13.46	19.78	-	Sheen
	8/4/2006	33.24	15.95	17.29	-	Sheen
	11/8/2006	**33.24**	**16.86**	**16.38**	**-**	**Sheen**

TABLE 1: GROUNDWATER ELEVATION DATA
Vic's Automotive
245 8th Street, Oakland, California

Well/Sample ID (screen interval)	Date Collected	TOC Well[1,2] Elevation (ft amsl)	Depth to Water (ft)	Groundwater[3] Elevation (ft amsl)	Depth to LNAPL (ft)	Apparent LNAPL Thickness (ft)
MW-3	6/29/2001	29.21	16.60	12.61	-	-
(10-25)	10/10/2001	29.21	16.92	12.29	-	-
	1/9/2002	29.21	14.20	15.01	-	-
	4/24/2002	29.21	15.07	14.14	-	-
	7/24/2002	29.21	16.40	12.81	-	-
	11/5/2002	29.21	16.47	12.74	-	-
	2/4/2003	29.21	16.92	12.29	-	-
	5/2/2003	29.21	15.45	13.76	-	-
	8/4/2003	29.21	16.46	12.75	-	-
	11/3/2003	29.21	17.15	12.06	-	-
	2/9/2004	29.21	15.78	13.43	-	-
	5/10/2004	29.21	15.77	13.44	-	-
	8/9/2004	29.21	16.45	12.76	-	-
	11/9/2004	29.21	17.26	11.95	-	-
	2/3/2005	34.25	15.92	18.33	-	-
	5/9/2005	34.25	15.03	19.22	-	-
	8/5/2005	34.25	16.59	17.66	-	-
	11/9/2005	34.25	16.82	17.43	-	-
	2/9/2006	34.25	14.65	19.60	-	-
	5/4/2006	34.25	13.61	20.64	-	-
	8/4/2006	34.25	16.28	17.97	-	-
	11/8/2006	**34.25**	**17.28**	**16.97**	**-**	**-**
MW-4	6/29/2001	29.38	17.71	11.67	-	-
(10-25)	10/10/2001	29.38	18.00	11.38	-	-
	1/9/2002	29.38	15.02	14.36	-	-
	4/24/2002	29.38	15.74	13.64	-	-
	7/24/2002	29.38	16.69	12.69	-	-
	11/5/2002	29.38	17.64	11.74	-	-
	2/4/2003	29.38	16.02	13.36	-	-
	5/2/2003	29.38	16.72	12.66	-	-
	8/4/2003	29.38	17.51	11.87	-	-
	11/3/2003	29.38	18.09	11.29	-	-
	2/9/2004	29.38	16.67	12.71	-	-
	5/10/2004	29.38	16.89	12.49	-	-
	8/9/2004	29.38	17.44	11.94	-	-
	11/9/2004	29.38	17.89	11.49	-	-
	2/3/2005	34.42	14.98	19.44	-	-
	5/9/2005	34.42	16.20	18.22	-	-
	8/5/2005	34.42	17.73	16.69	-	-
	11/9/2005	34.42	17.91	16.51	-	-
	2/9/2006	34.42	15.62	18.80	-	-
	5/4/2006	34.42	15.12	19.30	-	-
	8/4/2006	34.42	17.39	17.03	-	-
	11/8/2006	**34.42**	**18.30**	**16.12**	**-**	**-**

TABLE 1: GROUNDWATER ELEVATION DATA
Vic's Automotive
245 8th Street, Oakland, California

Well/Sample ID (screen interval)	Date Collected	TOC Well[1,2] Elevation (ft amsl)	Depth to Water (ft)	Groundwater[3] Elevation (ft amsl)	Depth to LNAPL (ft)	Apparent LNAPL Thickness (ft)
MW-5	2/3/2005	33.33	14.23	19.10	-	-
(12-22)	5/9/2005	33.33	14.33	19.00	-	-
	8/5/2005	33.33	15.89	17.44	-	-
	11/9/2005	33.33	16.18	17.15	-	-
	2/9/2006	33.33	14.02	19.31	-	-
	5/4/2006	33.33	12.97	20.36	-	-
	8/4/2006	33.33	15.63	17.70	-	-
	11/8/2006	**33.33**	**16.55**	**16.78**	**-**	**-**
MW-6	2/3/2005	32.82	13.99	18.83	-	Sheen
(12-22)	5/9/2005	32.82	13.61	19.21	-	Sheen
	8/5/2005	32.82	15.50	17.32	15.13	0.37
	11/9/2005	32.82	15.87	16.95	15.50	0.37
	2/9/2006	32.82	13.93	18.89	13.22	0.71
	5/4/2006	32.82	12.88	19.94	12.13	0.75
	8/4/2006	32.82	15.22	17.60	14.81	0.41
	11/8/2006	**32.82**	**16.16**	**16.66**	**15.78**	**0.38**
MW-7	2/3/2005	33.07	14.17	18.90	-	Sheen
(12-22)	5/9/2005	33.07	14.47	18.60	14.44	0.03
	8/5/2005	33.07	16.07	17.00	16.02	0.05
	11/9/2005	33.07	16.47	16.60	16.35	0.12
	2/9/2006	33.07	14.18	18.89	14.11	0.07
	5/4/2006	33.07	13.12	19.95	13.11	0.01
	8/4/2006	33.07	15.74	17.33	-	Sheen
	11/8/2006	**33.07**	**16.59**	**16.48**	**-**	**Sheen**
MW-10	2/3/2005	31.17	12.65	18.52	-	-
(12-22)	5/9/2005	31.17	13.09	18.08	-	-
	8/5/2005	31.17	14.68	16.49	-	-
	11/9/2005	31.17	14.94	16.23	-	-
	2/9/2006	31.17	12.82	18.35	-	-
	5/4/2006	31.17	12.11	19.06	-	-
	8/4/2006	31.17	14.38	16.79	-	-
	11/8/2006	**31.17**	**15.32**	**15.85**	**-**	**-**
MW-11	2/3/2005	31.78	13.39	18.39	-	Sheen
(12-22)	5/9/2005	31.78	13.89	17.89	-	Sheen
	8/5/2005	31.78	15.47	16.31	-	Sheen
	11/9/2005	31.78	15.73	16.05	-	Sheen
	2/9/2006	31.78	13.53	18.25	-	Sheen
	5/4/2006	31.78	12.73	19.05	-	Sheen
	8/4/2006	31.78	15.17	16.61	-	Sheen
	11/8/2006	**31.78**	**16.15**	**15.63**	**-**	**-**

TABLE 1: GROUNDWATER ELEVATION DATA
Vic's Automotive
245 8th Street, Oakland, California

Well/Sample ID (screen interval)	Date Collected	TOC Well[1,2] Elevation (ft amsl)	Depth to Water (ft)	Groundwater[3] Elevation (ft amsl)	Depth to LNAPL (ft)	Apparent LNAPL Thickness (ft)
MW-12	2/3/2005	32.05	13.70	18.35	-	Sheen
(12-22)	5/9/2005	32.05	14.17	17.88	-	Sheen
	8/5/2005	32.05	15.69	16.36	-	Sheen
	11/9/2005	32.05	15.93	16.12	-	Sheen
	2/9/2006	32.05	13.78	18.27	-	Sheen
	5/4/2006	32.05	12.98	19.07	-	Sheen
	8/4/2006	32.05	15.39	16.66	-	Sheen
	11/8/2006	**32.05**	**16.29**	**15.76**	**-**	**-**

1) Monitoring well top of casing (TOC) elevations were resurveyed by Morrow Surveying on January 10, 2006 and February 7, 2006

2) Groudwater elevations for the February 3, 2005 and subsequent monitoring episodes use the new well survey data

3) When LNAPL is present at >0.10 ft, the groundwater elevations are assumed to be affected by the LNAPL

All well elevations are measured from the top of the casing (TOC) - = not applicable

LNAPL = light non-aqueous phase liquid (floating free product) ft amsl = feet above mean sea level

TABLE 2: GROUNDWATER FLOW SUMMARY
Vic's Automotive
245 8th Street, Oakland, California

Episode #	Date	Average Groundwater Elevation[1] (ft amsl)	Change from Previous Episode (ft)	Flow direction (gradient)
1	6/29/2001	12.10	-	SSE (0.0074)
2	10/10/2001	11.80	-0.30	SSE (0.0071)
3	1/9/2002	14.68	2.88	SE (0.0054)
4	4/24/2002	13.85	-0.83	SSW (0.005)
5	7/24/2002	12.92	-0.93	NE (0.021)
6	11/5/2002	11.89	-1.02	SW (0.019)
7	2/4/2003	12.80	0.90	NNW (0.01)
8	5/2/2003	13.11	0.32	SSE (0.01)
9	8/4/2003	12.27	-0.85	SSE(0.007)
10	11/3/2003	11.64	-0.63	SSE (0.006)
11	2/9/2004	13.03	1.39	SSE (0.006)
12	5/10/2004	12.92	-0.11	SSE (0.008)
13	8/9/2004	12.31	-0.60	SSE (0.006)
14	11/9/2004	11.70	-0.62	SSE (0.004)
15	2/3/2005	18.75	-	W (0.007)
16	5/9/2005	18.53	-0.22	S (0.010)
17	8/5/2005	16.94	-1.59	S (0.010)
18	11/9/2005	16.65	-0.28	S (0.010)
19	2/9/2006	18.83	2.17	SSW (0.010)
20	5/4/2006	19.72	0.90	SSW (0.012)
21	8/4/2006	17.24	-2.48	SSW (0.010)
22	**11/8/2006**	**16.32**	**-0.93**	**SSW(0.007)**

1) MW-2 to MW-4 only used for episodes 1 through 14; all wells used for episodes 15 and later

- = not applicable

ft amsl = feet above mean sea level

TABLE 3: GROUNDWATER SAMPLE ANALYTICAL DATA
Vic's Automotive
245 8th Street, Oakland, California

Well/Sample ID	Date Collected	Apparent LNAPL Thickness (ft)	TPH-g µg/L *Method SW8015Cm*	MTBE µg/L	Benzene µg/L	Toluene µg/L	Ethylbenzene µg/L	Xylenes µg/L	HVOC *Method 8260*
						Method SW8021B			
MW-1	6/29/2001	1.63	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	-
	10/10/2001	0.08	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	-
	1/9/2002	<0.01	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	-
	4/24/2002	<0.01	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	-
	7/24/2002	~0.01	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	-
	11/5/2002	~0.01	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	-
	2/4/2003	~0.01	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	-
	5/2/2003	0.08	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	-
	8/4/2003	0.23	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	-
	11/3/2003	1.27	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	-
	2/9/2004	0.18	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	-
	5/10/2004	Inaccessible	-	-	-	-	-	-	-
	8/9/2004	0.21	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	-
	11/9/2004	0.24	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	-
	2/3/2005	0.17	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	-
	5/9/2005	0.12	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	-
	8/5/2005	0.01	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	-
	11/9/2005	0.01	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	-
	2/9/2006	0.02	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	-
	5/4/2006	0.01	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	-
	8/4/2006	0.02	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	-
	11/8/2006	**0.01**	**ns/fp**	**ns/fp**	**ns/fp**	**ns/fp**	**ns/fp**	**ns/fp**	**ns/fp**
MW-2	6/29/2001	0.0	69,000	4100/4400*	7,200	6,100	1,500	7,000	-
	10/10/2001	0.0	87,000	14,000	22,000	12,000	2,700	9,100	-
	1/9/2002	0.0	130,000	11,000	30,000	19,000	3,800	14,000	-
	4/24/2002	Sheen	210,000	32,000	38,000	23,000	4,600	19,000	-
	7/24/2002	Sheen	170,000	36,000	48,000	12,000	3,700	8,600	-
	11/5/2002	Sheen	190,000	36,000	45,000	25,000	4,600	16,000	-
	2/4/2003	Sheen	150,000	27,000	51,000	24,000	4,200	14,000	-
	5/2/2003	Sheen	150,000	35,000	39,000	11,000	3,800	9,900	-
	8/4/2003	Sheen	120,000	29,000	32,000	5,000	3,200	7,200	-
	11/3/2003	Sheen	120,000	24,000	33,000	4,300	3,200	5,400	-
	2/9/2004	Sheen	130,000	19,000	27,000	7,700	3,100	7,600	-
	5/10/2004	Sheen	67,000	13,000	20,000	3,000	2,300	4,100	-
	8/9/2004	Sheen	100,000	22,000	27,000	7,100	2,800	6,600	-
	11/9/2004	Sheen	100,000	23,000	27,000	6,100	3,000	5,600	-
	2/3/2005	Sheen	84,000	11,000	23,000	5,000	3,000	5,500	-
	5/9/2005	Sheen	74,000	14,000	21,000	4,200	2,300	3,300	-
	7/27/2005	Sheen	9,500	910	1,400	1,000	180	960	-
	8/5/2005	Sheen	74,000	4,000	8,800	11,000	1,300	7,600	-
	11/9/2005	Sheen	120,000	16,000	21,000	14,000	2,300	13,000	-
	2/9/2006	Sheen	120,000	10,000	18,000	16,000	2,200	13,000	-
	5/4/2006	Sheen	71,000	8,300	14,000	11,000	1,500	7,600	-
	8/4/2006	Sheen	160,000	14,000	22,000	14,000	2,400	11,000	-
	11/8/2006	**Sheen**	**110,000**	**6,400**	**17,000**	**9,200**	**1,600**	**6,800**	**<MDL**
MW-3	6/29/2001	0.00	550	<5.0	<0.5	3.1	3.2	1.2	-
	10/10/2001	0.00	470	<5.0	0.77	5.3	3.3	5.9	-
	1/9/2002	0.00	1,000	<5.0	0.90	7.6	7.8	25	-

Continued

TABLE 3: GROUNDWATER SAMPLE ANALYTICAL DATA
Vic's Automotive
245 8th Street, Oakland, California

Well/Sample ID	Date Collected	Apparent LNAPL Thickness (ft)	TPH-g µg/L	MTBE µg/L	Benzene µg/L	Toluene µg/L	Ethylbenzene µg/L	Xylenes µg/L	HVOC
			Method SW8015Cm			*Method SW8021B*			*Method 8260*
	4/24/2002	0.00	1,500	<5.0	0.64	7.2	12	14	-
	7/24/2002	0.00	1,200	<5.0	10	17.0	11	25	-
	11/5/2002	0.00	1,800	<25	33	43.0	18	31	-
	2/4/2003	0.00	450	<5.0	<0.5	5.0	<0.5	0.77	-
	5/2/2003	0.00	340	<5.0	7.3	10.0	2.5	7.3	-
	8/4/2003	0.00	170	<5.0	5.8	5.9	1.5	4.9	-
	11/3/2003	0.00	54	<5.0	<0.5	<0.5	<0.5	<0.5	-
	2/9/2004	0.00	190	<5.0	<0.5	3.6	<0.5	<0.5	-
	5/10/2004	0.00	280	<5.0	<0.5	3.4	<0.5	<0.5	-
	8/9/2004	0.00	290	<5.0	<0.5	3.8	<0.5	<0.5	-
	11/9/2004	0.00	220	<5.0	<0.5	4.0	<0.5	<0.5	-
	2/3/2005	0.00	160	<5.0	13	30	3	21	-
	5/9/2005	0.00	200	<5.0	<0.5	3.9	<0.5	<0.5	-
	8/5/2005	0.00	<50	<5.0	<0.5	<0.5	<0.5	<0.5	-
	11/9/2005	0.00	130	<5.0	<0.5	2.3	<0.5	<0.5	-
	2/9/2006	0.00	270	<5.0	<0.5	5.6	<0.5	<0.5	-
	5/4/2006	0.00	220	<5.0	<0.5	4.3	<0.5	<0.5	-
	8/4/2006	0.00	93	<5.0	<0.5	1.5	<0.5	<0.5	-
	11/8/2006	**0.00**	**160**	**<5.0**	**<0.5**	**2.9**	**<0.5**	**<0.5**	**<MDL**
MW-4	6/29/2001	0.00	<50	<5.0	<0.5	<0.5	<0.5	<0.5	-
	10/10/2001	0.00	<50	<5.0	<0.5	<0.5	<0.5	<0.5	-
	1/9/2002	0.00	<50	<5.0	<0.5	<0.5	<0.5	<0.5	-
	4/24/2002	0.00	<50	<5.0	<0.5	<0.5	<0.5	<0.5	-
	7/24/2002	0.00	<50	<5.0	<0.5	<0.5	<0.5	<0.5	-
	11/5/2002	0.00	<50	<5.0	<0.5	<0.5	<0.5	<0.5	-
	2/4/2003	0.00	<50	<5.0	<0.5	<0.5	<0.5	<0.5	-
	5/2/2003	0.00	500	10	68	71	18	65	-
	8/4/2003	0.00	270	<5.0	30	29	9.2	32	-
	11/3/2003	0.00	<50	<5.0	<0.5	<0.5	<0.5	<0.5	-
	2/9/2004	0.00	<50	<5.0	<0.5	<0.5	<0.5	<0.5	-
	5/10/2004	0.00	<50	<5.0	<0.5	<0.5	<0.5	<0.5	-
	8/9/2004	0.00	130	<5.0	14	13	5.3	17	-
	11/9/2004	0.00	<50	<5.0	<0.5	<0.5	<0.5	<0.5	-
	2/3/2005	0.00	370	<5.0	<0.5	4.1	<0.5	0.64	-
	5/9/2005	0.00	840	<5.0	50	180	21	110	-
	7/27/2005	0.00	<50	<5.0	<0.5	<0.5	<0.5	<0.5	-
	8/5/2005	0.00	310	<5.0	7.5	57	10	53	-
	11/9/2005	0.00	290	<5.0	12	61	8.8	49	-
	2/9/2006	0.00	250	<5.0	9.9	42	7.5	45	-
	5/4/2006	0.00	300	<5.0	37	76	7.8	42	-
	8/4/2006	0.00	270	<5.0	7.3	33	5.6	32	-
	11/8/2006	**0.00**	**1,300**	**<5.0**	**75**	**230**	**31**	**160**	**<MDL**
MW-5	2/3/2005	0.00	78,000	<1,000	7,600	13,000	2,200	9,600	-
	5/9/2005	0.00	60,000	<900	6,100	9,900	1,600	6,600	-
	7/27/2005	nm	120,000	1,100	10,000	19,000	2,100	13,000	-
	8/5/2005	0.00	59,000	<500	4,100	10,000	1,200	6,600	-
	11/9/2005	0.00	44,000	<500	3,300	7,400	1,100	4,900	-
	2/9/2006	0.00	110,000	<500	10,000	22,000	2,400	13,000	-
	5/4/2006	0.00	110,000	<250	11,000	22,000	2,900	15,000	-
	8/4/2006	0.00	73,000	<500	4,700	8,600	1,700	7,600	-
	11/8/2006	**0.00**	**51,000**	**<500**	**3,700**	**7,200**	**1,400**	**6,700**	**<MDL**

TABLE 3: GROUNDWATER SAMPLE ANALYTICAL DATA
Vic's Automotive
245 8th Street, Oakland, California

Well/Sample ID	Date Collected	Apparent LNAPL Thickness (ft)	TPH-g µg/L	MTBE µg/L	Benzene µg/L	Toluene µg/L	Ethylbenzene µg/L	Xylenes µg/L	HVOC
			Method SW8015Cm	*Method SW8021B*					*Method 8260*
MW-6	2/3/2005	Sheen	130,000	<1,000	2,400	33,000	2,400	15,000	-
	5/9/2005	Sheen	170,000	<4,000	11,000	43,000	3,100	16,000	-
	8/5/2005	0.37	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	-
	11/9/2005	0.37	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	-
	2/9/2006	0.71	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	-
	5/4/2006	0.75	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	-
	8/4/2006	0.41	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	-
	11/8/2006	**0.38**	**ns/fp**	**ns/fp**	**ns/fp**	**ns/fp**	**ns/fp**	**ns/fp**	**ns/fp**
MW-7	2/3/2005	Sheen	220,000	18,000	45,000	44,000	3,500	18,000	-
	5/9/2005	0.03	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	-
	8/5/2005	0.05	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	-
	11/9/2005	0.12	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	-
	2/9/2006	0.07	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	-
	5/4/2006	0.01	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	ns/fp	-
	8/4/2006	Sheen	230,000	19,000	37,000	37,000	3,100	14,000	-
	11/8/2006	**Sheen**	**240,000**	**13,000**	**41,000**	**39,000**	**3,000**	**14,000**	**<MDL**
MW-10	2/3/2005	0.00	36,000	<500	4,700	7,200	660	3,400	-
	5/9/2005	0.00	88,000	<1,500	6,900	20,000	2,300	9,900	-
	8/5/2005	0.00	88,000	<1,100	10,000	21,000	1,900	9,800	-
	11/9/2005	0.00	63,000	<1,100	5,400	13,000	1,900	7,900	-
	2/9/2006	0.00	100,000	<500	6,600	19,000	2,900	13,000	-
	5/4/2006	0.00	100,000	<500	8,500	25,000	3,000	13,000	-
	8/4/2006	0.00	190,000	<2,200	17,000	35,000	2,800	13,000	-
	11/8/2006	**0.00**	**57,000**	**<500**	**2,500**	**7,600**	**1,600**	**5,700**	**<MDL**
MW-11	2/3/2005	Sheen	170,000	<3,000	23,000	35,000	3,100	16,000	-
	5/9/2005	Sheen	210,000	3,500	29,000	40,000	3,400	16,000	-
	7/27/2005	Sheen	220,000	2,500	26,000	37,000	3,200	18,000	-
	8/5/2005	Sheen	210,000	<2,500	35,000	42,000	3,300	16,000	-
	11/9/2005	Sheen	180,000	9,100	32,000	47,000	3,600	18,000	-
	2/9/2006	Sheen	210,000	10,000	33,000	39,000	3,800	20,000	-
	5/4/2006	Sheen	190,000	12,000	34,000	41,000	3,500	17,000	-
	8/4/2006	Sheen	290,000	11,000	33,000	43,000	3,300	15,000	-
	11/8/2006	**0.00**	**240,000**	**14,000**	**34,000**	**44,000**	**3,300**	**16,000**	**<MDL**
MW-12	2/3/2005	Sheen	250,000	100,000	52,000	41,000	3,400	15,000	-
	5/9/2005	Sheen	210,000	91,000	44,000	28,000	3,300	13,000	-
	8/5/2005	Sheen	170,000	52,000	38,000	28,000	3,000	12,000	-
	11/9/2005	Sheen	180,000	52,000	39,000	25,000	2,900	12,000	-
	2/9/2006	Sheen	170,000	34,000	40,000	23,000	3,500	15,000	-
	5/4/2006	Sheen	160,000	47,000	33,000	28,000	2,800	10,000	-
	8/4/2006	Sheen	240,000	55,000	40,000	24,000	3,200	12,000	-
	11/8/2006	**0.00**	**190,000**	**33,000**	**40,000**	**23,000**	**2,700**	**13,000**	**<MDL**

µg/L = micrograms per liter (ppb)
TPH-g = total petroleum hydrocarbons as gasoline
MTBE = methyl tertiary-butyl ether
ns/fp = not sampled / free product
HVOC= Halogenated Volatile Organic Compounds
* samples re-analyzed by Method SW8260B (expressed as SW8021B / SW8260B)
MDL= Method Detection Limit
Refer to Appendix B: Lab Analytical Reports w/ Chain of Custody Documentation for detailed analytical reports including dilution factors and reporting limits

TABLE 4: SOIL GAS SAMPLE ANALYTICAL DATA
Vic's Automotive
245 8th Street, Oakland, California

Probe/Sample ID	Date Collected	Sample Depth (ft bgs)	TPH-g µg/m3 *EPA Method Modified TO-3*	MTBE µg/m3	Benzene µg/m3	Toluene µg/m3	Ethylbenzene µg/m3	Xylenes µg/m3	Ethanol µg/m3	PCE µg/m3	CD µg/m3	MEK µg/m3	Acetone µg/m3	2-Propanol[1] µg/m3
				EPA Method Modified TO-15										
GP-1-5	8/4/2006	5	331	<8.0	<7.1	<8.4	<9.7	<9.7	<17	17	72	<6.6	82	23
GP-1-5D$_l$	8/4/2006	5	-	<8.0	<7.1	<8.4	<9.7	<9.7	<17	18	71	<6.6	78	23
GP-1-5	**11/8/2006**	**5**	**1,100**	**<4.6**	**<4.0**	**<4.8**	**<5.5**	**<5.5**	**<9.5**	**12**	**-**	**-**	**-**	**<12**
GP-1-10	8/4/2006	10	493	<4.1	<3.6	<4.3	<5.0	<5.0	<8.6	20	71	11	120	<11
GP-1-10	**11/8/2006**	**10**	**950**	**<4.2**	**<3.7**	**<4.4**	**<5.0**	**<5.0**	**<8.8**	**<7.9**	**-**	**-**	**-**	**<11**
GP-2-5	8/4/2006	5	493	<4.4	<3.9	6.9	<5.4	10	<9.3	600	120	4.1	110	<12
GP-2-5	**11/8/2006**	**5**	**1,100**	**<4.0**	**<3.6**	**<4.2**	**<4.9**	**<4.9**	**<8.4**	**240**	**-**	**-**	**-**	**<11**
GP-2-10	8/4/2006	10	352	<10	<9.0	18	<12	<12	<21	270	18	<8.4	62	<28
GP-2-10	**11/8/2006**	**10**	**910**	**<3.9**	**<3.4**	**<4.1**	**<4.7**	**<4.7**	**<8.1**	**450**	**-**	**-**	**-**	**<11**
GP-3-5	8/4/2006	5	<240	<4.2	<3.7	<4.4	<5.0	<5.0	<8.8	<7.9	<3.6	4.8	110	<11
GP-3-5	**11/8/2006**	**5**	**930**	**<4.4**	**<3.9**	**<4.6**	**<5.2**	**<5.2**	**<9.1**	**<8.2**	**-**	**-**	**-**	**<12**
GP-3-10	8/4/2006	10	564	<4.2	<3.7	<4.4	<5.0	<5.0	<8.8	<7.9	9.0	5.6	240	<11
GP-3-10	**11/8/2006**	**10**	**1,800**	**<4.0**	**<3.6**	**<4.2**	**<4.9**	**<4.9**	**<8.4**	**<7.6**	**-**	**-**	**-**	**<11**
GP-4-5	8/4/2006	5	705	<4.4	5.4	<4.6	<5.4	<5.4	<9.3	<8.4	270	4.3	100	<12
GP-4-5$_l$	8/4/2006	5	599	-	-	-	-	-	-	-	-	-	-	-
GP-4-5	**11/8/2006**	**5**	**540**	**<4.0**	**<3.5**	**<4.1**	**<4.8**	**<4.8**	**<8.3**	**<7.5**	**-**	**-**	**-**	**<11**
GP-4-5$_f$	**11/8/2006**	**5**	**610**	**<7.7**	**<6.8**	**<8.0**	**<9.2**	**<9.2**	**<16**	**<14**	**-**	**-**	**-**	**<21**
GP-4-10	8/4/2006	10	564	<4.1	6.1	17	5.7	16	12	<7.8	250	9.4	130	<11
GP-4-10D$_f$	8/5/2006	10	529	<3.8	4.2	18	<4.6	17	18	<7.2	130	9.4	130	<10
GP-4-10	**11/8/2006**	**10**	**900**	**<4.0**	**<3.5**	**4.1**	**<4.8**	**5.2**	**<8.3**	**<7.5**	**-**	**-**	**-**	**<11**
GP-4-10$_l$	**11/8/2006**	**10**	**880**	**<1.8**	**<1.6**	**<1.9**	**<2.2**	**<2.2**	**<3.8**	**<3.4**	**-**	**-**	**-**	**<4.9**
ESLs			**26,000**	**9,400**	**85**	**63,000**	**420,000**	**150,000**	**19,000,000**	**410**	**-**	**210,000**	**660,000**	**-**
CHHSLs			**-**	**4,000**	**36.2**	**135,000**	**postponed**	**315,000**	**-**	**180**	**-**	**-**	**-**	**-**

1) 2-Propanol (i.e., isopropyl alcohol) is the tracer/leak check compound
ft bgs = feet below ground surface
µg/m3 = micrograms per cubic meter
TPH-g = total petroleum hydrocarbons as gasoline
MTBE = methyl tertiary-butyl ether
PCE = tetrachloroethene
CD = carbon disulfide
MEK = methyl ethyl ketone (i.e., 2-Butanone)
D_f = after the probe/sample ID indicates a duplicate sample collected in the field
D_l = after the probe/sample ID indicates a duplicate sample prepared and analyzed by the lab
ESLs = Environmental Screening Levels - for residential land use
CHHSLs = California Human Health Screening Levels
Please refer to Appendix B: Lab Analytical Reports w/ Chain of Custody Documentation for detailed analytical data, including dilution factors and reporting limits

APPENDICES

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

AEI Consultants 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597	Client Project ID: #111783; Vic's Automotive	Date Sampled: 11/08/06
		Date Received: 11/08/06
	Client Contact: Ricky Bradford	Date Reported: 11/13/06
	Client P.O.:	Date Completed: 11/13/06

WorkOrder: 0611182

November 13, 2006

Dear Ricky:

Enclosed are:

1). the results of 8 analyzed samples from your **#111783; Vic's Automotive project,**

2). a QC report for the above samples

3). a copy of the chain of custody, and

4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager

McCAMPBELL ANALYTICAL INC.

110 2nd AVENUE SOUTH, #D7
PACHECO, CA 94553-5560
Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

EDF Required? YES PDF Required? YES

Report To: Ricky Bradford Bill To:
Company: AEI Consultants
2500 Camino Diablo, Suite 200
Walnut Creek, CA 94597 E-Mail: rbradford@aeiconsultants.com
Tele: (925) 283-6000 ext. 148 Fax: (925) 944-2895
Project #: 111783 Project Name: Vic's Automotive
Project Location: 245 8th Street, Oakland
Sampler Signature:

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX: Water	Soil	Air	Sludge	Other	METHOD PRESERVED: Ice	HCl	HNO_3	Other
~~MW-1~~		6/8/06		3	VOA	X					X	X		
MW-2			7:40	3		X					X	X		
MW-3			6:38	3		X					X	X		
MW-4			10:20			X					X	X		
MW-5			6:38			X					X	X		
~~MW-6~~						X					X	X		
MW-7			6:55			X					X	X		
MW-10			7:20			X					X	X		
MW-11			7:20			X					X	X		
MW-12			12:39			X					X	X		

Analysis Request														Other		Comments
MBTEX & TPH as Gas (EPA 602/8020 + 8015)	TPH as Diesel (8015)	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8240 / 8260	EPA 625 / 8270	HVOCs by EPA 8260 (8010 Target List)	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239.2/6010)	RCI			
X										X						Not collected
X										X						
X										X						
X										X						
X										X						
X										X						Not collected
X										X						
X										X						
X										X						
X										X						

Relinquished By:	Date:	Time:	Received By:
	6/9/06	6:15pm	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° √ 4°C
GOOD CONDITION √
HEAD SPACE ABSENT √
DECHLORINATED IN LAB ____ PERSERVED IN LAB ____

PRESERVATION √ APPROPRIATE √
CONTAINERS √

VOAS	O&G	METALS	OTHER

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0611182 **ClientID: AEL**

☑ EDF ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty

Report to:
Ricky Bradford
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
Email: rbradford@aeiconsultants.com
TEL: (925) 283-6000 FAX: (925) 944-2895
ProjectNo: #111783; Vic's Automotive
PO:

Bill to:
Denise Mockel
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597

Requested TAT: **5 days**
Date Received: **11/08/2006**
Date Printed: **11/08/2006**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0611182-001	MW-2	Water	11/8/06 7:40:00 AM	☐	B	A	A									
0611182-002	MW-3	Water	11/8/06 6:28:00 AM	☐	B	A										
0611182-003	MW-4	Water	11/8/06 10:20:00	☐	B	A										
0611182-004	MW-5	Water	11/8/06 6:38:00 AM	☐	B	A										
0611182-005	MW-7	Water	11/8/06 6:55:00 AM	☐	B	A										
0611182-006	MW-10	Water	11/8/06 9:20:00 AM	☐	B	A										
0611182-007	MW-11	Water	11/8/06 9:30:00 AM	☐	B	A										
0611182-008	MW-12	Water	11/8/06 12:39:00	☐	B	A										

Test Legend:

1	8010BMS_W	2	G-MBTEX_W	3	PREDF REPORT	4		5	
6		7		8		9		10	
11		12							

Prepared by: Melissa Valles

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Sample Receipt Checklist

Client Name: **AEL**

Date and Time Received: **11/8/06 6:53:11 PM**

Work Order Number: **0611182**

Checklist completed and reviewed by: Melissa Valles

Matrix: Water

Carrier: Client Drop-In

Chain of Custody (COC) Information

Custody seals intact on shippping container/cooler?	Yes ☐	No ☑
Custody seals intact on sample bottles?	Yes ☐	No ☑
Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample ID noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Shipping container/cooler in good condition?	Yes ☑	No ☐
Samples in proper container/bottle?	Yes ☑	No ☐
Sample containers intact?	Yes ☑	No ☐
Sufficient sample volume for indicated test?	Yes ☑	No ☐

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐		
Container/Temp Blank temperature in compliance?	Yes ☐	No ☐	Ice Present ☐	Cooler Temp:
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	No VOA vials submitted ☐	
Sample labels checked for correct preservation?	Yes ☑	No ☐		

Client contacted: _____ Date contacted: _____ Contacted by: _____

Comments _____

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

AEI Consultants	Client Project ID: #111783; Vic's Automotive	Date Sampled: 11/08/06
		Date Received: 11/08/06
2500 Camino Diablo, Ste. #200	Client Contact: Ricky Bradford	Date Extracted: 11/09/06-11/10/06
Walnut Creek, CA 94597	Client P.O.:	Date Analyzed 11/09/06-11/10/06

Halogenated Volatile Organics by P&T and GC-MS (8010 Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0611182

Lab ID	0611182-001B	0611182-002B	0611182-003B	0611182-004B	Reporting Limit for DF =1	
Client ID	MW-2	MW-3	MW-4	MW-5		
Matrix	W	W	W	W	S	W
DF	10	1	2	10		
Compound	**Concentration**				µg/kg	µg/L
Bromodichloromethane	ND<5.0	ND	ND<1.0	ND<5.0	NA	0.5
Bromoform	ND<5.0	ND	ND<1.0	ND<5.0	NA	0.5
Bromomethane	ND<5.0	ND	ND<1.0	ND<5.0	NA	0.5
Carbon Tetrachloride	ND<5.0	ND	ND<1.0	ND<5.0	NA	0.5
Chlorobenzene	ND<5.0	ND	ND<1.0	ND<5.0	NA	0.5
Chloroethane	ND<5.0	ND	ND<1.0	ND<5.0	NA	0.5
2-Chloroethyl Vinyl Ether	ND<10	ND	ND<2.0	ND<10	NA	1.0
Chloroform	ND<5.0	ND	ND<1.0	ND<5.0	NA	0.5
Chloromethane	ND<5.0	ND	ND<1.0	ND<5.0	NA	0.5
Dibromochloromethane	ND<5.0	ND	ND<1.0	ND<5.0	NA	0.5
1,2-Dichlorobenzene	ND<5.0	ND	ND<1.0	ND<5.0	NA	0.5
1,3-Dichlorobenzene	ND<5.0	ND	ND<1.0	ND<5.0	NA	0.5
1,4-Dichlorobenzene	ND<5.0	ND	ND<1.0	ND<5.0	NA	0.5
Dichlorodifluoromethane	ND<5.0	ND	ND<1.0	ND<5.0	NA	0.5
1,1-Dichloroethane	ND<5.0	ND	ND<1.0	ND<5.0	NA	0.5
1,2-Dichloroethane (1,2-DCA)	ND<5.0	ND	ND<1.0	ND<5.0	NA	0.5
1,1-Dichloroethene	ND<5.0	ND	ND<1.0	ND<5.0	NA	0.5
cis-1,2-Dichloroethene	ND<5.0	ND	ND<1.0	ND<5.0	NA	0.5
trans-1,2-Dichloroethene	ND<5.0	ND	ND<1.0	ND<5.0	NA	0.5
1,2-Dichloropropane	ND<5.0	ND	ND<1.0	ND<5.0	NA	0.5
cis-1,3-Dichloropropene	ND<5.0	ND	ND<1.0	ND<5.0	NA	0.5
trans-1,3-Dichloropropene	ND<5.0	ND	ND<1.0	ND<5.0	NA	0.5
Methylene chloride	ND<5.0	ND	ND<1.0	ND<5.0	NA	0.5
1,1,2,2-Tetrachloroethane	ND<5.0	ND	ND<1.0	ND<5.0	NA	0.5
Tetrachloroethene	ND<5.0	ND	ND<1.0	ND<5.0	NA	0.5
1,1,1-Trichloroethane	ND<5.0	ND	ND<1.0	ND<5.0	NA	0.5
1,1,2-Trichloroethane	ND<5.0	ND	ND<1.0	ND<5.0	NA	0.5
Trichloroethene	ND<5.0	ND	ND<1.0	ND<5.0	NA	0.5
Trichlorofluoromethane	ND<5.0	ND	ND<1.0	ND<5.0	NA	0.5
Vinyl Chloride	ND<5.0	ND	ND<1.0	ND<5.0	NA	0.5
Surrogate Recoveries (%)						
%SS1:	86	104	100	93		
%SS2:	104	102	99	105		
%SS3:	97	97	97	98		
Comments	j		j	j		

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

AEI Consultants	Client Project ID: #111783; Vic's Automotive	Date Sampled: 11/08/06
		Date Received: 11/08/06
2500 Camino Diablo, Ste. #200	Client Contact: Ricky Bradford	Date Extracted: 11/09/06-11/10/06
Walnut Creek, CA 94597	Client P.O.:	Date Analyzed 11/09/06-11/10/06

Halogenated Volatile Organics by P&T and GC-MS (8010 Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0611182

Lab ID	0611182-005B	0611182-006B	0611182-007B	0611182-008B	Reporting Limit for DF =1	
Client ID	MW-7	MW-10	MW-11	MW-12		
Matrix	W	W	W	W	S	W
DF	10	10	10	10		
Compound	**Concentration**				µg/kg	µg/L
Bromodichloromethane	ND<5.0	ND<5.0	ND<5.0	ND<5.0	NA	0.5
Bromoform	ND<5.0	ND<5.0	ND<5.0	ND<5.0	NA	0.5
Bromomethane	ND<5.0	ND<5.0	ND<5.0	ND<5.0	NA	0.5
Carbon Tetrachloride	ND<5.0	ND<5.0	ND<5.0	ND<5.0	NA	0.5
Chlorobenzene	ND<5.0	ND<5.0	ND<5.0	ND<5.0	NA	0.5
Chloroethane	ND<5.0	ND<5.0	ND<5.0	ND<5.0	NA	0.5
2-Chloroethyl Vinyl Ether	ND<10	ND<10	ND<10	ND<10	NA	1.0
Chloroform	ND<5.0	ND<5.0	ND<5.0	ND<5.0	NA	0.5
Chloromethane	ND<5.0	ND<5.0	ND<5.0	ND<5.0	NA	0.5
Dibromochloromethane	ND<5.0	ND<5.0	ND<5.0	ND<5.0	NA	0.5
1,2-Dichlorobenzene	ND<5.0	ND<5.0	ND<5.0	ND<5.0	NA	0.5
1,3-Dichlorobenzene	ND<5.0	ND<5.0	ND<5.0	ND<5.0	NA	0.5
1,4-Dichlorobenzene	ND<5.0	ND<5.0	ND<5.0	ND<5.0	NA	0.5
Dichlorodifluoromethane	ND<5.0	ND<5.0	ND<5.0	ND<5.0	NA	0.5
1,1-Dichloroethane	ND<5.0	ND<5.0	ND<5.0	ND<5.0	NA	0.5
1,2-Dichloroethane (1,2-DCA)	ND<5.0	ND<5.0	ND<5.0	ND<5.0	NA	0.5
1,1-Dichloroethene	ND<5.0	ND<5.0	ND<5.0	ND<5.0	NA	0.5
cis-1,2-Dichloroethene	ND<5.0	ND<5.0	ND<5.0	ND<5.0	NA	0.5
trans-1,2-Dichloroethene	ND<5.0	ND<5.0	ND<5.0	ND<5.0	NA	0.5
1,2-Dichloropropane	ND<5.0	ND<5.0	ND<5.0	ND<5.0	NA	0.5
cis-1,3-Dichloropropene	ND<5.0	ND<5.0	ND<5.0	ND<5.0	NA	0.5
trans-1,3-Dichloropropene	ND<5.0	ND<5.0	ND<5.0	ND<5.0	NA	0.5
Methylene chloride	ND<5.0	ND<5.0	ND<5.0	ND<5.0	NA	0.5
1,1,2,2-Tetrachloroethane	ND<5.0	ND<5.0	ND<5.0	ND<5.0	NA	0.5
Tetrachloroethene	ND<5.0	ND<5.0	ND<5.0	ND<5.0	NA	0.5
1,1,1-Trichloroethane	ND<5.0	ND<5.0	ND<5.0	ND<5.0	NA	0.5
1,1,2-Trichloroethane	ND<5.0	ND<5.0	ND<5.0	ND<5.0	NA	0.5
Trichloroethene	ND<5.0	ND<5.0	ND<5.0	ND<5.0	NA	0.5
Trichlorofluoromethane	ND<5.0	ND<5.0	ND<5.0	ND<5.0	NA	0.5
Vinyl Chloride	ND<5.0	ND<5.0	ND<5.0	ND<5.0	NA	0.5
Surrogate Recoveries (%)						
%SS1:	102	86	99	107		
%SS2:	107	96	104	107		
%SS3:	96	95	96	95		
Comments	j	j	j	j		

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

AEI Consultants	Client Project ID: #111783; Vic's Automotive	Date Sampled: 11/08/06
2500 Camino Diablo, Ste. #200		Date Received: 11/08/06
Walnut Creek, CA 94597	Client Contact: Ricky Bradford	Date Extracted: 11/09/06-11/10/06
	Client P.O.:	Date Analyzed 11/09/06-11/10/06

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method SW5030B Analytical methods SW8021B/8015Cm Work Order: 0611182

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	MW-2	W	110,000,a	6400	17,000	9200	1600	6800	100	91
002A	MW-3	W	160,m	ND	ND	2.9	ND	ND	1	104
003A	MW-4	W	1300,a	ND	75	230	31	160	1	109
004A	MW-5	W	51,000,a	ND<500	3700	7200	1400	6700	100	116
005A	MW-7	W	240,000,a	13,000	41,000	39,000	3000	14,000	100	106
006A	MW-10	W	57,000,a	ND<500	2500	7600	1600	5700	100	103
007A	MW-11	W	240,000,a	14,000	34,000	44,000	3300	16,000	100	104
008A	MW-12	W	190,000,a	33,000	40,000	23,000	2700	13,000	100	109

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	1	µg/L
	S	NA	NA	NA	NA	NA	NA	1	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request; p) see attached narrative.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0611182

EPA Method: SW8260B	Extraction: SW5030B				BatchID: 24704			Spiked Sample ID: 0611158-006b			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Chlorobenzene	ND	10	100	91.7	9.07	106	111	3.82	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	10	96.5	88.6	8.60	102	108	5.71	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	10	126	107	16.0	125	128	2.40	70 - 130	30	70 - 130	30
Trichloroethene	ND	10	91.8	83.5	9.44	94.7	96.8	2.18	70 - 130	30	70 - 130	30
%SS1:	100	10	99	95	4.67	98	97	0.824	70 - 130	30	70 - 130	30
%SS2:	94	10	99	97	1.80	99	99	0	70 - 130	30	70 - 130	30
%SS3:	88	10	98	97	1.36	99	100	0.764	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 24704 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0611182-001	11/08/06 7:40 AM	11/09/06	11/09/06 7:29 PM	0611182-002	11/08/06 6:28 AM	11/10/06	11/10/06 4:46 AM
0611182-003	1/08/06 10:20 AM	11/10/06	11/10/06 2:28 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

DHS ELAP Certification N° 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0611182

EPA Method: SW8260B	Extraction: SW5030B				BatchID: 24718			Spiked Sample ID: 0611206-006a			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Chlorobenzene	ND	10	108	107	0.619	107	108	1.57	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	10	99.1	99.1	0	99.7	97.1	2.64	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	10	127	128	0.639	128	126	1.46	70 - 130	30	70 - 130	30
Trichloroethene	ND	10	98.9	97.3	1.71	94.9	95.7	0.797	70 - 130	30	70 - 130	30
%SS1:	102	10	102	100	1.22	100	99	1.62	70 - 130	30	70 - 130	30
%SS2:	93	10	97	96	1.02	98	99	1.71	70 - 130	30	70 - 130	30
%SS3:	88	10	96	96	0	97	97	0	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 24718 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0611182-004	11/08/06 6:38 AM	11/09/06	1/09/06 11:05 PM	0611182-005	11/08/06 6:55 AM	11/09/06	1/09/06 11:47 PM
0611182-006	11/08/06 9:20 AM	11/10/06	1/10/06 12:30 AM	0611182-007	11/08/06 9:30 AM	11/10/06	11/10/06 1:13 AM
0611182-008	1/08/06 12:39 PM	11/10/06	11/10/06 1:56 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0611182

EPA Method: SW8021B/8015Cm **Extraction: SW5030B** **BatchID: 24717** **Spiked Sample ID: 0611182-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	38000	60	NR	NR	NR	102	108	5.36	70 - 130	30	70 - 130	30
MTBE	6400	10	NR	NR	NR	92.8	98	5.45	70 - 130	30	70 - 130	30
Benzene	17000	10	NR	NR	NR	99.3	109	9.62	70 - 130	30	70 - 130	30
Toluene	9200	10	NR	NR	NR	92.8	101	8.33	70 - 130	30	70 - 130	30
Ethylbenzene	1600	10	NR	NR	NR	97.1	106	8.94	70 - 130	30	70 - 130	30
Xylenes	6800	30	NR	NR	NR	90.3	95.3	5.39	70 - 130	30	70 - 130	30
%SS:	91	10	104	101	2.77	105	112	6.02	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 24717 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0611182-001	11/08/06 7:40 AM	11/10/06	11/10/06 9:08 AM	0611182-002	11/08/06 6:28 AM	11/09/06	11/09/06 5:27 PM
0611182-003	1/08/06 10:20 AM	11/10/06	11/10/06 8:25 AM	0611182-004	11/08/06 6:38 AM	11/10/06	11/10/06 4:44 AM
0611182-005	11/08/06 6:55 AM	11/10/06	11/10/06 5:16 AM	0611182-006	11/08/06 9:20 AM	11/10/06	11/10/06 5:47 AM
0611182-007	11/08/06 9:30 AM	11/10/06	11/10/06 6:18 AM	0611182-008	1/08/06 12:39 PM	11/10/06	11/10/06 6:50 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

DHS ELAP Certification N° 1644

QA/QC Officer

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Air Toxics Ltd. Introduces the Electronic Report

Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0611295B

Work Order Summary

CLIENT:	Mr. Ricky Bradford AEI Consultants, Inc. 2500 Camino Diablo Suite 200 Walnut Creek, CA 94597	**BILL TO:**	Mr. Ricky Bradford AEI Consultants, Inc. 2500 Camino Diablo Suite 200 Walnut Creek, CA 94597
PHONE:	925-283-6000	**P.O. #**	100685
FAX:	925-283-6121	**PROJECT #**	116907 Vic's Automotive
DATE RECEIVED:	11/13/2006	**CONTACT:**	Sarah Nguyen
DATE COMPLETED:	11/25/2006		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	GP-1-5	Modified TO-3	6.0 "Hg
02A	GP-1-10	Modified TO-3	4.0 "Hg
03A	GP-2-5	Modified TO-3	3.0 "Hg
04A	GP-2-10	Modified TO-3	2.0 "Hg
05A	GP-3-5	Modified TO-3	5.0 "Hg
06A	GP-3-10	Modified TO-3	3.0 "Hg
07A	GP-4-5	Modified TO-3	2.5 "Hg
08A	GP-4-5 Dup	Modified TO-3	2.0 "Hg
09A	GP-4-10	Modified TO-3	2.5 "Hg
09AA	GP-4-10 Duplicate	Modified TO-3	2.5 "Hg
10A	Lab Blank	Modified TO-3	NA
11A	LCS	Modified TO-3	NA

CERTIFIED BY: Linda D. Fruman DATE: 11/25/06

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
AEI Consultants, Inc.
Workorder# 0611295B

Nine 1 Liter Summa Canister samples were received on November 13, 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

There were no receiving discrepancies.

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

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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

Client Sample ID: GP-1-5

Lab ID#: 0611295B-01A

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (Gasoline Range)	0.063	0.26	0.26	1.1

Client Sample ID: GP-1-10

Lab ID#: 0611295B-02A

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (Gasoline Range)	0.058	0.24	0.23	0.95

Client Sample ID: GP-2-5

Lab ID#: 0611295B-03A

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (Gasoline Range)	0.056	0.23	0.26	1.1

Client Sample ID: GP-2-10

Lab ID#: 0611295B-04A

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (Gasoline Range)	0.054	0.22	0.22	0.91

Client Sample ID: GP-3-5

Lab ID#: 0611295B-05A

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (Gasoline Range)	0.060	0.25	0.23	0.93

Client Sample ID: GP-3-10

Lab ID#: 0611295B-06A

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (Gasoline Range)	0.056	0.23	0.45	1.8

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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

Client Sample ID: GP-4-5

Lab ID#: 0611295B-07A

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (Gasoline Range)	0.055	0.22	0.13	0.54

Client Sample ID: GP-4-5 Dup

Lab ID#: 0611295B-08A

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (Gasoline Range)	0.054	0.22	0.15	0.61

Client Sample ID: GP-4-10

Lab ID#: 0611295B-09A

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (Gasoline Range)	0.055	0.22	0.22	0.90

Client Sample ID: GP-4-10 Duplicate

Lab ID#: 0611295B-09AA

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (Gasoline Range)	0.055	0.22	0.22	0.88

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: GP-1-5

Lab ID#: 0611295B-01A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	**6111713**	**Date of Collection: 11/8/06**	
Dil. Factor:	**2.53**	**Date of Analysis: 11/17/06 05:33 PM**	

Compound	**Rpt. Limit (ppmv)**	**Rpt. Limit (uG/L)**	**Amount (ppmv)**	**Amount (uG/L)**
TPH (Gasoline Range)	0.063	0.26	0.26	1.1

Container Type: 1 Liter Summa Canister

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

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: GP-1-10

Lab ID#: 0611295B-02A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	**6111714**	**Date of Collection: 11/8/06**	
Dil. Factor:	**2.33**	**Date of Analysis: 11/17/06 06:15 PM**	

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (Gasoline Range)	0.058	0.24	0.23	0.95

Container Type: 1 Liter Summa Canister

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

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: GP-2-5

Lab ID#: 0611295B-03A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	**6111715**	**Date of Collection: 11/8/06**	
Dil. Factor:	**2.24**	**Date of Analysis: 11/17/06 06:50 PM**	

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (Gasoline Range)	0.056	0.23	0.26	1.1

Container Type: 1 Liter Summa Canister

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

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: GP-2-10

Lab ID#: 0611295B-04A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	**6111716**	**Date of Collection: 11/8/06**	
Dil. Factor:	**2.16**	**Date of Analysis: 11/17/06 07:25 PM**	

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (Gasoline Range)	0.054	0.22	0.22	0.91

Container Type: 1 Liter Summa Canister

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

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: GP-3-5

Lab ID#: 0611295B-05A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	**6111717**	**Date of Collection: 11/8/06**	
Dil. Factor:	**2.42**	**Date of Analysis: 11/17/06 08:04 PM**	

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (Gasoline Range)	0.060	0.25	0.23	0.93

Container Type: 1 Liter Summa Canister

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

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: GP-3-10

Lab ID#: 0611295B-06A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	**6111718**	**Date of Collection: 11/8/06**	
Dil. Factor:	**2.24**	**Date of Analysis: 11/17/06 09:05 PM**	

Compound	**Rpt. Limit (ppmv)**	**Rpt. Limit (uG/L)**	**Amount (ppmv)**	**Amount (uG/L)**
TPH (Gasoline Range)	0.056	0.23	0.45	1.8

Container Type: 1 Liter Summa Canister

Surrogates	**%Recovery**	**Method Limits**
Fluorobenzene (FID)	102	75-150

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: GP-4-5

Lab ID#: 0611295B-07A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	**6111719**	**Date of Collection: 11/8/06**	
Dil. Factor:	**2.20**	**Date of Analysis: 11/17/06 09:39 PM**	

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (Gasoline Range)	0.055	0.22	0.13	0.54

Container Type: 1 Liter Summa Canister

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

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: GP-4-5 Dup

Lab ID#: 0611295B-08A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	**6111720**	**Date of Collection: 11/8/06**	
Dil. Factor:	**2.16**	**Date of Analysis: 11/17/06 10:15 PM**	

Compound	**Rpt. Limit (ppmv)**	**Rpt. Limit (uG/L)**	**Amount (ppmv)**	**Amount (uG/L)**
TPH (Gasoline Range)	0.054	0.22	0.15	0.61

Container Type: 1 Liter Summa Canister

Surrogates	**%Recovery**	**Method Limits**
Fluorobenzene (FID)	102	75-150

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: GP-4-10

Lab ID#: 0611295B-09A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	**6111721**	**Date of Collection: 11/8/06**	
Dil. Factor:	**2.20**	**Date of Analysis: 11/17/06 10:52 PM**	

Compound	**Rpt. Limit (ppmv)**	**Rpt. Limit (uG/L)**	**Amount (ppmv)**	**Amount (uG/L)**
TPH (Gasoline Range)	0.055	0.22	0.22	0.90

Container Type: 1 Liter Summa Canister

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

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: GP-4-10 Duplicate

Lab ID#: 0611295B-09AA

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	**6111722**	**Date of Collection: 11/8/06**	
Dil. Factor:	**2.20**	**Date of Analysis: 11/17/06 11:32 PM**	

Compound	**Rpt. Limit (ppmv)**	**Rpt. Limit (uG/L)**	**Amount (ppmv)**	**Amount (uG/L)**
TPH (Gasoline Range)	0.055	0.22	0.22	0.88

Container Type: 1 Liter Summa Canister

Surrogates	**%Recovery**	**Method Limits**
Fluorobenzene (FID)	102	75-150

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0611295B-10A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	**6111710**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/17/06 03:03 PM**	

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (Gasoline Range)	0.025	0.10	Not Detected	Not Detected

Container Type: NA - Not Applicable

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

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0611295B-11A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	**6111723**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/18/06 11:46 AM**	

Compound	**%Recovery**
TPH (Gasoline Range)	117

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Fluorobenzene (FID)	121	75-150

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Air Toxics Ltd. Introduces the Electronic Report

Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0611295AR1

Work Order Summary

CLIENT:	Mr. Ricky Bradford AEI Consultants, Inc. 2500 Camino Diablo Suite 200 Walnut Creek, CA 94597	**BILL TO:**	Mr. Ricky Bradford AEI Consultants, Inc. 2500 Camino Diablo Suite 200 Walnut Creek, CA 94597
PHONE:	925-283-6000	**P.O. #**	100685
FAX:	925-283-6121	**PROJECT #**	116907 Vic's Automotive
DATE RECEIVED:	11/13/2006	**CONTACT:**	Sarah Nguyen
DATE COMPLETED:	12/11/2006		
DATE REISSUED:	12/11/2006		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	GP-1-5	Modified TO-15	6.0 "Hg
02A	GP-1-10	Modified TO-15	4.0 "Hg
03A	GP-2-5	Modified TO-15	3.0 "Hg
04A	GP-2-10	Modified TO-15	2.0 "Hg
05A	GP-3-5	Modified TO-15	5.0 "Hg
06A	GP-3-10	Modified TO-15	3.0 "Hg
07A	GP-4-5	Modified TO-15	2.5 "Hg
08A	GP-4-5 Dup	Modified TO-15	2.0 "Hg
09A	GP-4-10	Modified TO-15	2.5 "Hg
10A	Lab Blank	Modified TO-15	NA
10B	Lab Blank	Modified TO-15	NA
11A	CCV	Modified TO-15	NA
11B	CCV	Modified TO-15	NA
12A	LCS	Modified TO-15	NA
12B	LCS	Modified TO-15	NA

CERTIFIED BY: Linda D. Fruman DATE: 12/12/06

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
AEI Consultants, Inc.
Workorder# 0611295AR1

Nine 1 Liter Summa Canister samples were received on November 13, 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

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

THE WORK ORDER WAS RE-ISSUED ON DECEMBER 11, 2006 TO REPORT 1,1-DICHLOROETHENE FOR ALL SAMPLES.

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 no 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

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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

Client Sample ID: GP-1-5

Lab ID#: 0611295AR1-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Tetrachloroethene	1.3	1.8	8.6	12

Client Sample ID: GP-1-10

Lab ID#: 0611295AR1-02A

No Detections Were Found.

Client Sample ID: GP-2-5

Lab ID#: 0611295AR1-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Tetrachloroethene	1.1	35	7.6	240

Client Sample ID: GP-2-10

Lab ID#: 0611295AR1-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Tetrachloroethene	1.1	66	7.3	450

Client Sample ID: GP-3-5

Lab ID#: 0611295AR1-05A

No Detections Were Found.

Client Sample ID: GP-3-10

Lab ID#: 0611295AR1-06A

No Detections Were Found.

Client Sample ID: GP-4-5

Lab ID#: 0611295AR1-07A

No Detections Were Found.

Client Sample ID: GP-4-5 Dup

Lab ID#: 0611295AR1-08A

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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

Client Sample ID: GP-4-5 Dup

Lab ID#: 0611295AR1-08A

No Detections Were Found.

Client Sample ID: GP-4-10

Lab ID#: 0611295AR1-09A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
m,p-Xylene	1.1	1.2	4.8	5.2
Toluene	1.1	1.1	4.1	4.1

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: GP-1-5

Lab ID#: 0611295AR1-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8112015r1**	**Date of Collection: 11/8/06**	
Dil. Factor:	**2.53**	**Date of Analysis: 11/21/06 01:56 AM**	

Compound	**Rpt. Limit (ppbv)**	**Amount (ppbv)**	**Rpt. Limit (uG/m3)**	**Amount (uG/m3)**
Vinyl Chloride	1.3	Not Detected	3.2	Not Detected
Benzene	1.3	Not Detected	4.0	Not Detected
Ethyl Benzene	1.3	Not Detected	5.5	Not Detected
m,p-Xylene	1.3	Not Detected	5.5	Not Detected
o-Xylene	1.3	Not Detected	5.5	Not Detected
Trichloroethene	1.3	Not Detected	6.8	Not Detected
Tetrachloroethene	1.3	1.8	8.6	12
cis-1,2-Dichloroethene	1.3	Not Detected	5.0	Not Detected
Toluene	1.3	Not Detected	4.8	Not Detected
2-Propanol	5.1	Not Detected	12	Not Detected
Ethanol	5.1	Not Detected	9.5	Not Detected
Methyl tert-butyl ether	1.3	Not Detected	4.6	Not Detected
trans-1,2-Dichloroethene	1.3	Not Detected	5.0	Not Detected
1,1-Dichloroethene	1.3	Not Detected	5.0	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	94	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: GP-1-10

Lab ID#: 0611295AR1-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8112016r1**	**Date of Collection: 11/8/06**	
Dil. Factor:	**2.33**	**Date of Analysis: 11/21/06 06:56 AM**	

Compound	**Rpt. Limit (ppbv)**	**Amount (ppbv)**	**Rpt. Limit (uG/m3)**	**Amount (uG/m3)**
Vinyl Chloride	1.2	Not Detected	3.0	Not Detected
Benzene	1.2	Not Detected	3.7	Not Detected
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
m,p-Xylene	1.2	Not Detected	5.0	Not Detected
o-Xylene	1.2	Not Detected	5.0	Not Detected
Trichloroethene	1.2	Not Detected	6.3	Not Detected
Tetrachloroethene	1.2	Not Detected	7.9	Not Detected
cis-1,2-Dichloroethene	1.2	Not Detected	4.6	Not Detected
Toluene	1.2	Not Detected	4.4	Not Detected
2-Propanol	4.7	Not Detected	11	Not Detected
Ethanol	4.7	Not Detected	8.8	Not Detected
Methyl tert-butyl ether	1.2	Not Detected	4.2	Not Detected
trans-1,2-Dichloroethene	1.2	Not Detected	4.6	Not Detected
1,1-Dichloroethene	1.2	Not Detected	4.6	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	94	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: GP-2-5

Lab ID#: 0611295AR1-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8112017r1**	**Date of Collection: 11/8/06**	
Dil. Factor:	**2.24**	**Date of Analysis: 11/21/06 07:38 AM**	

Compound	**Rpt. Limit (ppbv)**	**Amount (ppbv)**	**Rpt. Limit (uG/m3)**	**Amount (uG/m3)**
Vinyl Chloride	1.1	Not Detected	2.9	Not Detected
Benzene	1.1	Not Detected	3.6	Not Detected
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	Not Detected	4.9	Not Detected
o-Xylene	1.1	Not Detected	4.9	Not Detected
Trichloroethene	1.1	Not Detected	6.0	Not Detected
Tetrachloroethene	1.1	35	7.6	240
cis-1,2-Dichloroethene	1.1	Not Detected	4.4	Not Detected
Toluene	1.1	Not Detected	4.2	Not Detected
2-Propanol	4.5	Not Detected	11	Not Detected
Ethanol	4.5	Not Detected	8.4	Not Detected
Methyl tert-butyl ether	1.1	Not Detected	4.0	Not Detected
trans-1,2-Dichloroethene	1.1	Not Detected	4.4	Not Detected
1,1-Dichloroethene	1.1	Not Detected	4.4	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: GP-2-10

Lab ID#: 0611295AR1-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8112018r1**	**Date of Collection: 11/8/06**	
Dil. Factor:	**2.16**	**Date of Analysis: 11/21/06 08:20 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	1.1	Not Detected	2.8	Not Detected
Benzene	1.1	Not Detected	3.4	Not Detected
Ethyl Benzene	1.1	Not Detected	4.7	Not Detected
m,p-Xylene	1.1	Not Detected	4.7	Not Detected
o-Xylene	1.1	Not Detected	4.7	Not Detected
Trichloroethene	1.1	Not Detected	5.8	Not Detected
Tetrachloroethene	1.1	66	7.3	450
cis-1,2-Dichloroethene	1.1	Not Detected	4.3	Not Detected
Toluene	1.1	Not Detected	4.1	Not Detected
2-Propanol	4.3	Not Detected	11	Not Detected
Ethanol	4.3	Not Detected	8.1	Not Detected
Methyl tert-butyl ether	1.1	Not Detected	3.9	Not Detected
trans-1,2-Dichloroethene	1.1	Not Detected	4.3	Not Detected
1,1-Dichloroethene	1.1	Not Detected	4.3	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	88	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: GP-3-5

Lab ID#: 0611295AR1-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8112019r1**	**Date of Collection: 11/8/06**	
Dil. Factor:	**2.42**	**Date of Analysis: 11/21/06 09:03 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	1.2	Not Detected	3.1	Not Detected
Benzene	1.2	Not Detected	3.9	Not Detected
Ethyl Benzene	1.2	Not Detected	5.2	Not Detected
m,p-Xylene	1.2	Not Detected	5.2	Not Detected
o-Xylene	1.2	Not Detected	5.2	Not Detected
Trichloroethene	1.2	Not Detected	6.5	Not Detected
Tetrachloroethene	1.2	Not Detected	8.2	Not Detected
cis-1,2-Dichloroethene	1.2	Not Detected	4.8	Not Detected
Toluene	1.2	Not Detected	4.6	Not Detected
2-Propanol	4.8	Not Detected	12	Not Detected
Ethanol	4.8	Not Detected	9.1	Not Detected
Methyl tert-butyl ether	1.2	Not Detected	4.4	Not Detected
trans-1,2-Dichloroethene	1.2	Not Detected	4.8	Not Detected
1,1-Dichloroethene	1.2	Not Detected	4.8	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	94	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: GP-3-10

Lab ID#: 0611295AR1-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8112108r1**	**Date of Collection: 11/8/06**	
Dil. Factor:	**2.24**	**Date of Analysis: 11/21/06 03:46 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	1.1	Not Detected	2.9	Not Detected
Benzene	1.1	Not Detected	3.6	Not Detected
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	Not Detected	4.9	Not Detected
o-Xylene	1.1	Not Detected	4.9	Not Detected
Trichloroethene	1.1	Not Detected	6.0	Not Detected
Tetrachloroethene	1.1	Not Detected	7.6	Not Detected
cis-1,2-Dichloroethene	1.1	Not Detected	4.4	Not Detected
Toluene	1.1	Not Detected	4.2	Not Detected
2-Propanol	4.5	Not Detected	11	Not Detected
Ethanol	4.5	Not Detected	8.4	Not Detected
Methyl tert-butyl ether	1.1	Not Detected	4.0	Not Detected
trans-1,2-Dichloroethene	1.1	Not Detected	4.4	Not Detected
1,1-Dichloroethene	1.1	Not Detected	4.4	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	93	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: GP-4-5

Lab ID#: 0611295AR1-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8112107r1**	**Date of Collection: 11/8/06**	
Dil. Factor:	**2.20**	**Date of Analysis: 11/21/06 03:03 PM**	

Compound	**Rpt. Limit (ppbv)**	**Amount (ppbv)**	**Rpt. Limit (uG/m3)**	**Amount (uG/m3)**
Vinyl Chloride	1.1	Not Detected	2.8	Not Detected
Benzene	1.1	Not Detected	3.5	Not Detected
Ethyl Benzene	1.1	Not Detected	4.8	Not Detected
m,p-Xylene	1.1	Not Detected	4.8	Not Detected
o-Xylene	1.1	Not Detected	4.8	Not Detected
Trichloroethene	1.1	Not Detected	5.9	Not Detected
Tetrachloroethene	1.1	Not Detected	7.5	Not Detected
cis-1,2-Dichloroethene	1.1	Not Detected	4.4	Not Detected
Toluene	1.1	Not Detected	4.1	Not Detected
2-Propanol	4.4	Not Detected	11	Not Detected
Ethanol	4.4	Not Detected	8.3	Not Detected
Methyl tert-butyl ether	1.1	Not Detected	4.0	Not Detected
trans-1,2-Dichloroethene	1.1	Not Detected	4.4	Not Detected
1,1-Dichloroethene	1.1	Not Detected	4.4	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: GP-4-5 Dup

Lab ID#: 0611295AR1-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8112106r1**	**Date of Collection: 11/8/06**	
Dil. Factor:	**4.26**	**Date of Analysis: 11/21/06 02:21 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	2.1	Not Detected	5.4	Not Detected
Benzene	2.1	Not Detected	6.8	Not Detected
Ethyl Benzene	2.1	Not Detected	9.2	Not Detected
m,p-Xylene	2.1	Not Detected	9.2	Not Detected
o-Xylene	2.1	Not Detected	9.2	Not Detected
Trichloroethene	2.1	Not Detected	11	Not Detected
Tetrachloroethene	2.1	Not Detected	14	Not Detected
cis-1,2-Dichloroethene	2.1	Not Detected	8.4	Not Detected
Toluene	2.1	Not Detected	8.0	Not Detected
2-Propanol	8.5	Not Detected	21	Not Detected
Ethanol	8.5	Not Detected	16	Not Detected
Methyl tert-butyl ether	2.1	Not Detected	7.7	Not Detected
trans-1,2-Dichloroethene	2.1	Not Detected	8.4	Not Detected
1,1-Dichloroethene	2.1	Not Detected	8.4	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	89	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: GP-4-10

Lab ID#: 0611295AR1-09A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8112105r1**	**Date of Collection: 11/8/06**	
Dil. Factor:	**2.20**	**Date of Analysis: 11/21/06 01:39 PM**	

Compound	**Rpt. Limit (ppbv)**	**Amount (ppbv)**	**Rpt. Limit (uG/m3)**	**Amount (uG/m3)**
Vinyl Chloride	1.1	Not Detected	2.8	Not Detected
Benzene	1.1	Not Detected	3.5	Not Detected
Ethyl Benzene	1.1	Not Detected	4.8	Not Detected
m,p-Xylene	1.1	1.2	4.8	5.2
o-Xylene	1.1	Not Detected	4.8	Not Detected
Trichloroethene	1.1	Not Detected	5.9	Not Detected
Tetrachloroethene	1.1	Not Detected	7.5	Not Detected
cis-1,2-Dichloroethene	1.1	Not Detected	4.4	Not Detected
Toluene	1.1	1.1	4.1	4.1
2-Propanol	4.4	Not Detected	11	Not Detected
Ethanol	4.4	Not Detected	8.3	Not Detected
Methyl tert-butyl ether	1.1	Not Detected	4.0	Not Detected
trans-1,2-Dichloroethene	1.1	Not Detected	4.4	Not Detected
1,1-Dichloroethene	1.1	Not Detected	4.4	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	93	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0611295AR1-10A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8112005R1**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/20/06 12:38 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0611295AR1-10B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8112104r1**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/21/06 12:10 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0611295AR1-11A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8112002**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/20/06 10:08 AM**	

Compound	**%Recovery**
Vinyl Chloride	84
Benzene	80
Ethyl Benzene	87
m,p-Xylene	83
o-Xylene	91
Trichloroethene	81
Tetrachloroethene	85
cis-1,2-Dichloroethene	83
Toluene	86
2-Propanol	87
Ethanol	84
Methyl tert-butyl ether	88
trans-1,2-Dichloroethene	83
1,1-Dichloroethene	88

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0611295AR1-11B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8112102**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/21/06 10:21 AM**	

Compound	**%Recovery**
Vinyl Chloride	85
Benzene	84
Ethyl Benzene	90
m,p-Xylene	84
o-Xylene	95
Trichloroethene	84
Tetrachloroethene	88
cis-1,2-Dichloroethene	86
Toluene	90
2-Propanol	85
Ethanol	80
Methyl tert-butyl ether	86
trans-1,2-Dichloroethene	85
1,1-Dichloroethene	88

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	102	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0611295AR1-12A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8112003**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/20/06 10:37 AM**	

Compound	**%Recovery**
Vinyl Chloride	84
Benzene	83
Ethyl Benzene	84
m,p-Xylene	87
o-Xylene	91
Trichloroethene	82
Tetrachloroethene	85
cis-1,2-Dichloroethene	82
Toluene	85
2-Propanol	83
Ethanol	61
Methyl tert-butyl ether	80
trans-1,2-Dichloroethene	88
1,1-Dichloroethene	90

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0611295AR1-12B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8112103**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/21/06 11:12 AM**	

Compound	**%Recovery**
Vinyl Chloride	84
Benzene	82
Ethyl Benzene	86
m,p-Xylene	86
o-Xylene	92
Trichloroethene	83
Tetrachloroethene	85
cis-1,2-Dichloroethene	76
Toluene	85
2-Propanol	78
Ethanol	56 Q
Methyl tert-butyl ether	72
trans-1,2-Dichloroethene	81
1,1-Dichloroethene	85

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	103	70-130

@ 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: RICKY BRADFORD
Company: AEI CONSULTANTS Email: rbradford@aeiconsultants.com
Address: 2500 CAMINO DIABLO, SUITE 200 City: WALNUT CREEK State: CA Zip: 94597
Phone: (925) 283-6000 x 148 Fax: (925) 944-2895
Collected by: (Signature)

Project Info:
P.O. #:
Project #: 116907
Project Name: VIC'S AUTOMOTIVE

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by: DS
Date: 11/16/06
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can#	Date	Time	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	GP-1-5	31784	11/8/06	9:40	*TPH-g by TO-3	27.5	4.0	6.0"Hg	15.0
02A	GP-1-10	34171	11/8/06	9:57	*BTEX, MTBE, PCE & TCE by TO-15	29.0	4.0	4.0"Hg	
03A	GP-2-5	35544	11/8/06	10:34		29.5	4.0	3.0"Hg	
04A	GP-2-10	21028	11/8/06	10:45	*	30.0	4.0	2.0"Hg	
05A	GP-3-5	34178	11/8/06	11:09	(FOR ALL SAMPLES)	29.5	4.0	5.0"Hg	
06A	GP-3-10	21023	11/8/06	11:21		30.0	4.5	3.0"Hg	
07A	GP-4-5	22220	11/8/06	11:48		27.0	4.0	2.5"Hg	
08A	GP-4-5 DUP	21514	11/8/06	11:48		27.0	4.0	2.0"Hg	
09A	GP-4-10	22115	11/8/06	11:35		30.0	3.5	2.5"Hg	
	Purge Can #12990		11/8/06			30			

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
	11/10/06 9:50	MONICA [illegible] ATL	11/13/06 830
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes: 2-Propanol is leak detection compound

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Customer Seals Intact?	Work Order #
	Cal Over.	1Z0010110767659	N/A	Good	Yes No (None)	0611295

Form 1293 rev.10