Advanced GeoEnvironmental, Inc.

10 March 1999
AGE-NC Project No. 99-0556

Mr. Jory Hite
McKevitt Volvo Nissan
2700 Shattuck Avenue
Berkeley, CA 95705

Mr. Achim Ehrhardt
Continental Volvo, Inc.
4030 East 14th Street
Oakland, CA 94601

Subject: **Preliminary Subsurface Investigation**
Continental Volvo
4030 - 4122 East 14th Street, Oakland, California

Dear Messrs. Hite and Ehrhardt:

In accordance with your request, *Advanced* GeoEnvironmental, Inc. (AGE) has prepared the enclosed Preliminary Site Assessment report regarding the characterization of soil and ground water from the property at 4030 - 4122 East 14th Street in Oakland, California. Soil and water samples were collected in accordance with AGE proposal 98-1648.

The opportunity to provide you with this service is greatly appreciated. If you have any questions or require further information, please contact our office at (209) 467-1006.

Sincerely,

***Advanced* GeoEnvironmental, Inc.**

William Little
Staff Geologist

4005 North Wilson Way, Stockton, California 95205
Telephone (209) 467-1006 FAX (209) 467-1118

Preliminary Subsurface Investigation
Continental Volvo
4030 - 4122 East 14th Street, Oakland, California

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Advanced GeoEnvironmental, Inc.
4005 North Wilson Way, Stockton, California

PREPARED BY: _____

William Little
Senior Project Geologist

REVIEWED BY: _____

Nuel C. Henderson, Jr.
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California Registered Geologist No. 5837

REGISTERED GEOLOGIST
NUEL C. HENDERSON, JR.
No. 5837
STATE OF CALIFORNIA

Preliminary Subsurface Investigation

Continental Volvo
4030 - 4122 East 14th Street, Oakland, California

10 March 1999
AGE-NC Project No. 99-0556

PREPARED FOR:
Mr. Jory Hite
McKEVITT VOLVO NISSAN
Mr. Achim Ehrhardt
CONTINENTAL VOLVO, INC.

PREPARED BY:

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Preliminary Site Assessment Report - January 1999

Continental Volvo
4030 - 4122 East 14th Street in Oakland, California

1.0. INTRODUCTION AND SCOPE OF WORK

At the request of Mr. Jory Hite of McKevitt Volvo Nissan of Berkeley and Mr. Achim Ehrhardt of Continental Volvo, Inc. in Oakland, *Advanced* GeoEnvironmental, Inc. (AGE) has prepared this Preliminary Site Assessment report regarding the characterization of soil and ground water from the property at 4030 - 4122 East 14th Street in Oakland, California (the site). The location of the site is illustrated in Figure 1. A plan view or layout of the maintenance compound on the property is illustrated in Figure 2 .

Soil and water samples were collected in accordance with AGE proposal 98-1684. Sampling was performed in accordance with guidelines for investigation of underground storage tank (UST) sites established by the Regional Water Quality Control Board.

2.0. BACKGROUND

2.1. SITE DESCRIPTION

The site is located in central Oakland in a commercial area (Figure 1) and is east of State Route 880. Two buildings and a vacant lot utilize as a car lot occupy the site as shown in Figure 2. AGE has been informed that the property was operated as a car or truck maintenance shop since the 1950s. The vacant lot was used as a residence prior to being used as a car lot.

2.2. UNDERGROUND STORAGE TANK REMOVAL

Based on the information currently at AGE's disposal, one underground storage tank (UST) was removed from the site in 1985. A 550-gallon waste oil UST was located in the eastern sidewalk of the site. A new double-walled UST for waste-oil was installed in the same location. This UST meets current underground storage tank regulations.

2.3. PREVIOUS ASSESSMENTS

AGE has reviewed the *Phase I Site Assessment for Continental Volvo, Inc.*, prepared by Environ, dated 03 June 1994, which identifies areas of potential environmental concern on and around the property. These areas include the former and present location of an unauthorized release of waste oil from an underground storage tank (UST) and areas of above-ground storage of motor oil, transmission fluid and anti-freeze. Although not noted in the Phase I, hydraulic lifts occur on the

property and area a potential environmental concern.

2.3. ON-SITE RECONNAISSANCE

In late January 1998, AGE personnel visited the site to identify locations on the site that potentially have subsurface impacts resulting from past and current site usage and related activities.

Three area of concern were noted: a former UST which reported had been leaking waste oil; two operating (approximately 150-gallon and 100-gallon) above ground storage tanks (ASTs) and several operating underground hydraulic lifts.

2.0. REGIONAL GEOLOGIC/HYDROGEOLOGIC SETTING

The site is situated within the Coast Range Geomorphic province of California. This geopmorphic province contains coastal foothills and mountains; which extends from the Tehachapi Mountains in the south to the Klammath Mountains in the north. The western and eastern boundaries of this province are composed of the Pacific Ocean and the Great Valley Province, respectively. The Franciscan complex is split into four major divisions which are identified as the Northern Coast Range, the Franciscan Block, the Diablo Range and the Naciomento Block.

The site is located in the Franciscan Block, an assemblage of variably deformed and metamorphosed rock units. The surface is composed of Quaternary alluvium, at depth the site is underlain by rocks of the Franciscan Complex, which are composed predominately of detrital sedimentary rocks with volcanic tuffs and deep ocean marine sediments. The Franciscan lithologies typically have low porosity and permeability.

Based upon the General Soil Map from the *Soil Survey of Alameda County, Western Part*, issued by the United States Department of Agriculture Soil Conservation Service in 1981, the site area is situated within the Urban land-Danville complex. This complex is on low terraces and alluvial fans at an elevation of about 20 to 300 feet and consists of about 60 percent Urban land, 30 percent Danville soil and 10 percent other soils. Danville soil is a silty clay loam that formed in alluvium that derived mainly from sedimentary rock. Urban land consists of areas covered by roads, parking lots and buildings.

The estimated depth to ground water at the property is approximately 20 to 25 feet below surface grade (bsg). The prevailing ground water flow direction in this area is west to southwest, however, localized ground water flow may vary. The topography in the area of the site is suggestive of a southwest flow direction under the site, with sites of recognized environmental conditions west of

the site having the greatest or any potential to adversely impact the site. The nearest surface water feature is the San Francisco Bay located approximately 12,000 feet west of the site.

Tertiary marine and non-marine lagoonal clay and silt deposits are the principal source of shallow ground water in the Oakland area. The area is primarily drained by the hydrogeologic system related to the San Francisco Bay.

Ground water in the Oakland area occurs under both confined and unconfined conditions. The ground water occurs in the Alameda Bay Plain Ground Water Basin (formerly the East Bay Area of the Santa Clara Valley Ground Water Basin, Department of Water Resources [DWR] Ground Water Basin No. 2-9.01). The Santa Clara Valley Ground Water Basin is a 580-square mile basin drained primarily by the Guadalupe River and Alameda, Coyote, Redwood and San Francisquito Creeks. The ground water occurs in younger and older alluvium and is used intensively for domestic, industrial and irrigation uses (DWR, 1975, *California's Ground Water*).

Bulletin 118 and DWR, 1980, *Ground Water Basins in California,* Bulletin 118-80). No domestic water wells, state or federal water wells were identified within a 1-mile radius.

3.0. PROCEDURES

3.1. PROBING AND SAMPLING

On 26 January 1998, a total of twelve soil probe borings (P1 through P12) were advanced at the site, under the supervision of an AGE geologist. Six soil probe borings were advanced in the vicinity of the lifts within the buildings on the site; two soil probe borings were advanced in the vicinity the active UST (also the location of the removed UST 1986), in the City of Oakland right-of-way; three soil probe borings were advanced on the car lot and one soil probe boring was advanced in the vicinity the active ASTs location. Locations of the soil probe borings are illustrated on Figure 2.

All probe borings were advanced using a van-mounted Geoprobe 5400 probing machine.

Soil probe boring P4 was advanced to a depth of 5 feet bsg. Soil probe borings P1, P3, P7, P8 and P9 were advanced to a depth of 10 feet bsg. Soil probe borings P5, P10, P11 and P12 were advanced to a depth of 15 feet bsg. Soil probe boring P2 was advanced to a depth of 20 feet bsg. Soil probe boring P6 was advanced to a depth of 30 feet bsg.

Discrete soil samples were collected in most probe borings at 5-foot intervals beginning at a depth of 5 feet bsg. A soil sample was also collected from boring P4 at the 3 feet bsg and a soil sample was collected from boring P5 at 7 feet bsg. Samples were collected using a 2.15-inch diameter, two-foot

long, piston type sampler loaded with four pre-cleaned 1.375-inch by 6-inch brass sleeves. The sampling equipment was washed in an Alconox solution and rinsed with water prior to each sampling run to avoid cross-contamination.

Upon sample retrieval, both ends of the second brass sleeve were covered with Teflon sheets, capped and sealed with tape. Samples were then placed in a chilled container and transported under chain-of-custody to McCampbell Analytical, Inc. (MAI) in Pacheco, California.

3.2. SOIL LOGGING

Soil was extruded from the remaining brass sleeves and screened for the presence of organic vapor using an organic vapor meter equipped with a photo-ionization detector (PID: Thermo Environmental 580A, 10.0 eV, calibrated to isobutylene), and the readings were recorded on the Boring Logs. The soil was described in accordance with the Unified Soil Classification System.

3.3. GRAB GROUND WATER SAMPLE COLLECTION

Grab ground water samples were collected from probe borings P12 using a Geoprobe water sampling assembly, with a water sampler screen interval. Ground water was allowed to enter the sampler, and samples were retrieved using a modified PVC tubing bailer.

After sample retrieval, the sampler was disassembled and cleaned between each sampling event. New PVC tubing was used for each sample. Samples were collected from selected borings in either 40-ml EPA vials containing hydrochloric acid for sample preservation and 1-liter amber bottles. The samples were placed in a chilled container and transported under chain-of-custody to MAI for analysis.

3.4. LABORATORY ANALYSIS OF SOIL AND GROUND WATER SAMPLES

Selected soil and the ground water sample were analyzed for total petroleum hydrocarbons quantified as gasoline, diesel and motor oil (TPH-g, TPH-d and TPH-mo), volatile aromatics (benzene, toluene, ethyl benzene and xylenes: BTE&X), methyl tertiary butyl ether (MTBE), metals: cadmium, chromium, lead, nickel and zinc. The selected soil samples from the location of the waste oil tank area were also analyzed for chlorinate compounds. Samples were analyzed in accordance with the appropriate EPA methods: 8015m; 8020; 6010 and 8010. Analytical data for the samples are included in Appendix A. The analytical results of soil samples and the grab ground water sample are summarized in Table 1.

4.0. FINDINGS

4.1. STRATIGRAPHY

Tan and brown, silty clay was encountered in each probe boring from surface grade to depths of approximately 5 feet bsg; tan angular silty gravel was encountered at depths between 10 and 15 feet bsg. Coarse-grained sand was encountered in soil boring P12 at 10 feet bsg. Soil boring logs are included in Appendix B.

4.2. HYDROCARBON-IMPACTED SOIL

TPH-g, TPH-d and TPH-mo were detected in soil sample P5- 7, collected from east of the UST at concentrations of 42 mg/kg (milligrams per kilograms), 150 mg/kg and 660 mg/kg, respectively. TPH-g, TPH-d and TPH-mo were detected in soil sample P5-10 at concentrations of 8.8 mg/kg, 59 mg/kg and 280 mg/kg, respectively.

TPH-g, TPH-d and TPH-mo were detected in soil sample P6-10 at concentrations of 53 mg/kg, 240 mg/kg and 1,200 mg/kg, respectively.

TPH-g, TPH-d and TPH-mo were not detected in soil samples P5-15 or P6-15.

Trichloroethene (TCE) was detected in three soil samples P5-15 , P6-10 and P6-10 at concentrations of 110 (micrograms per kilograms) μg/kg, 14 μg/kg and 140 μg/kg, respectively. TCE was not detected in soil samples P5-7 or P5-10.

BTE&X compounds were detected in sample P5-7 at concentrations of 0.082 mg/kg , 0.07 mg/kg, 0.033 mg/kg and 0.4 mg/kg, respectively. BTE&X compounds were detected in sample P5-10 at concentrations of 0.008 mg/kg , 0.01 mg/kg, 0.008 mg/kg and 0.04 mg/kg, respectively. Toluene and xylene were detected in sample P6-10 at concentrations of 0.098 mg/kg and 0.45 mg/kg, respectively.

BTE&X compounds were not detected in samples P5-15 or P6-15.

Petroleum hydrocarbons were not detected in soil samples collected from any other probe borings advanced during this investigation.

Laboratory results of soil samples analyzed for petroleum hydrocarbons area summarized in Table 1. The laboratory reports (MAI Laboratory ID 02405, 02414 and 02416), QA/QC reports and chains-of-custody are included in Appendix A.

4.3. HYDROCARBON-IMPACTED GROUND WATER

TPH-d and TPH-mo were detected in the grab ground water samples collected from the boring P12 at a concentration of 6,800 μg/l (micrograms per liter) and 14,000 μg/l, respectively. TPH-g, BTE&X were not detected in the grab water sample. Tetrachloroethene (PCE) was detected in the grab water sample at a concentration of 24 μg/l.

Laboratory results of the grab ground water sample are summarized in Table 1. The laboratory report (MAI Laboratory ID 02400), QA/QC reports and chains-of-custody are included in Appendix A.

4.5. METALS-IMPACTED GROUND WATER

The grab ground water sample had no detectable concentrations of the LUFT metals; cadmium, chromium, nickel, lead and zinc. The laboratory report (MAI Laboratory ID 02400), QA/QC report and chain-of-custody are included in Appendix A.

5.0. CONCLUSIONS AND RECOMMENDATIONS

5.1. CONCLUSIONS

Based upon the results of the subsurface investigation and historical research, AGE concludes:

- Petroleum hydrocarbon-impacted soil at the site was encountered in the vicinity of the former UST/current UST within East 15th Street. The impacted soil was encountered in a somewhat narrow zone from depths of approximately 5 to 10 feet bsg. Hydrocarbon-impacted soil was encountered east of the UST at a depth of 10 feet bsg.
- The chlorinated cleaning solvent TCE, commonly use for de-greasing, was detected at low concentrations in soils samples at a depth of 15 feet bsg in the area of the waste oil tank. The vertical or lateral extent of the TCE contamination is not defined.
- Diesel fuel or motor oil-impacted ground water on the car lot appears to have originated from a diesel or heating-oil fuel matrix. The laboratory was consulted to decipher the make-up the petroleum-hydrocarbons detected in the water sample. A mix of low concentration diesel and high concentration oil was well pronounced in the laboratory data. This mix of hydrocarbons, with the absence of gasoline and BTEX compounds, suggests a heating oil make-up of a petroleum release, or possibly two releases: one motor oil only and/or diesel fuel only release requiring two sources.

- The lack of detection of MTBE in soil samples and the water sample collected from the site suggests that the release of fuels is relatively old, possibly more than twenty years old.
- The lack of detection of fuels or oil in the service bay indicates no significant releases of petroleum in the area in which samples were collected.

5.2. RECOMMENDATIONS

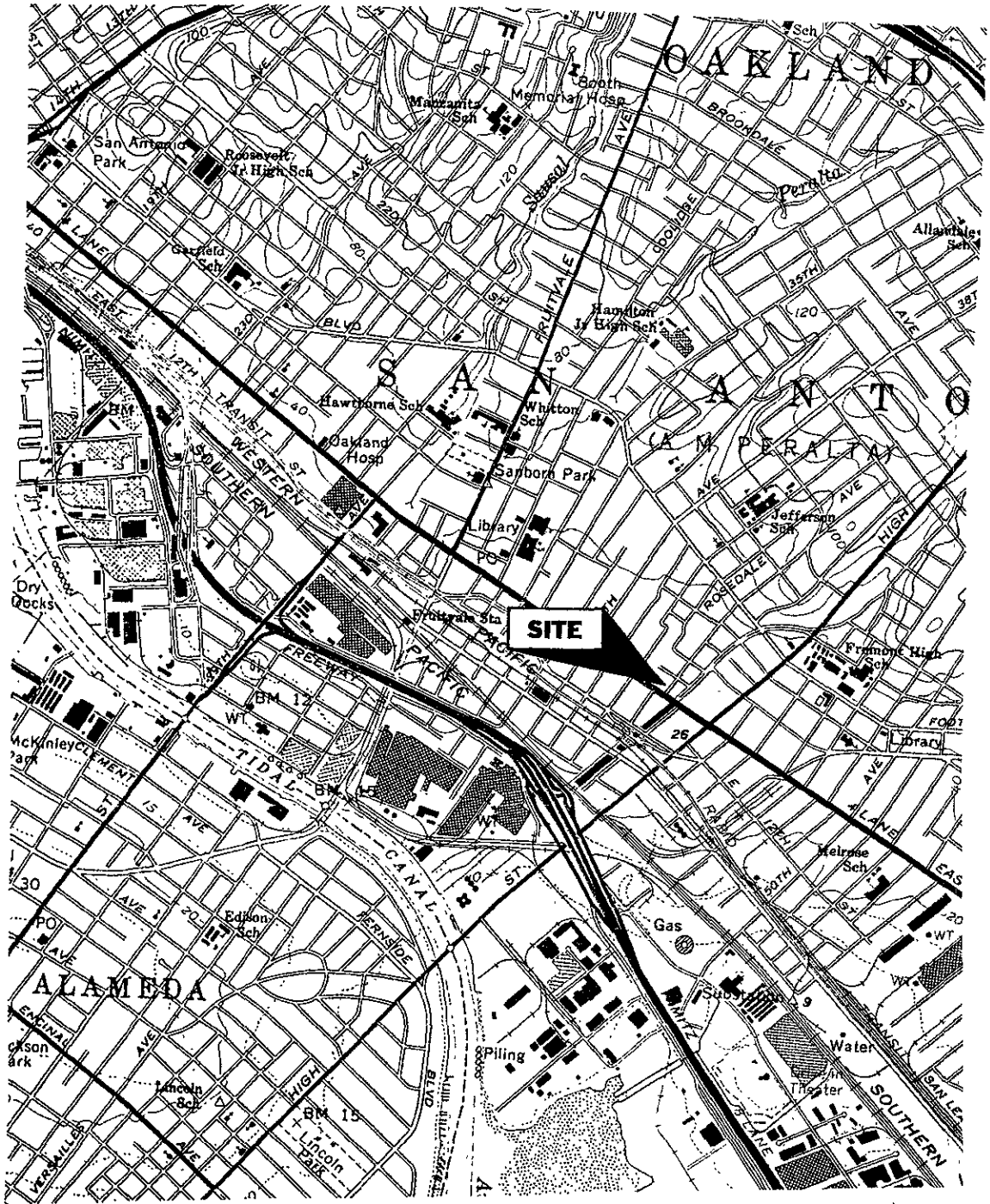
Based on the results of this investigation, AGE recommends the following for your consideration:

- The unauthorized release of petroleum hydrocarbons from the waste oil UST presently located in the City right-of-way should be further assessed to determine vertical and some what of the lateral extent of the release, including the collection and analysis of additional soil and grab water samples for chlorinated solvents and motor oil wastes.
- The source of the diesel/motor oil impacted ground water should be determined. The source could be a heating-oil tank suspected to be within the side walk of the car lot on the site.

6.0. LIMITATIONS

Our professional services were performed using that degree of care and skill ordinarily exercised by environmental consultants practicing in this or similar localities. The findings were based upon analytical results provided by an independent laboratory. Evaluations of the geologic/hydrogeologic conditions at the site for the purpose of this investigation are made from a limited number of available data points (i.e. grab ground water and soil samples) and subsurface conditions may vary away from these data points. No other warranty, expressed or implied, is made as to the professional recommendations contained in this report.

FIGURES

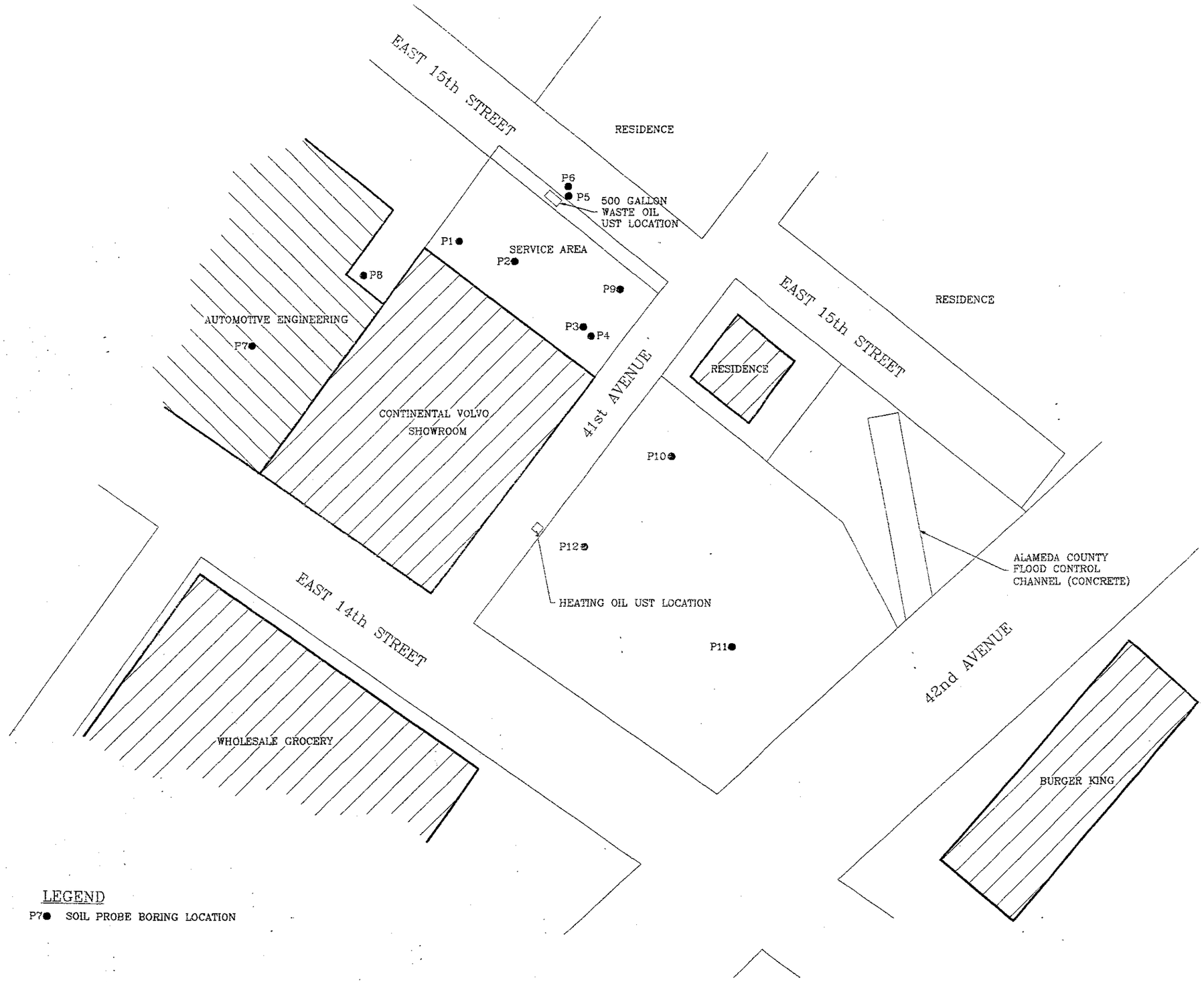


LOCATION MAP

CONTINENTAL VOLVO
4030-4122 EAST 14TH STREET
OAKLAND, CALIFORNIA

Advanced GeoEnvironmental, Inc.
of Northern California

PROJECT NO. AGE-NC-99-0556	FILE: CON1	FIGURE:
DATE: 10 MARCH 1999	DRAWN BY: MAC	1



Advanced GeoEnvironmental, Inc.
of Northern California

PROJECT NO. AGE-NC-99-0566 | FILE: VOLVO2 | FIGURE 2
DATE: 12 FEBRUARY 1999 | DRAWN BY: MAC

SITE PLAN
CONTINENTAL VOLVO
4030 - 4122 EAST 14th STREET
OAKLAND, CALIFORNIA

TABLES

TABLE 1

ANALYTICAL RESULTS OF SOIL SAMPLES - EPA 8015m/8020

Continental Volvo

4030 - 4122 East 14th Street, Oakland, California

Sample I. D.- depth	TPH as gasoline	TPH as diesel	TPH as motor oil	Benzene	Toluene	Ethyl benzene	Xylenes	TCE (µg/kg)
Soil sample reported in mg/kg								
P1-10	<1.0	<1.0	<5.0	---	---	---	---	---
P2-10	<1.0	<1.0	<5.0	---	---	---	---	---
P3-10	<1.0	<1.0	<5.0	---	---	---	---	---
P4-3	<1.0	<1.0	<5.0	---	---	---	---	---
P5-7	**42**	**150**	**660**	**0.082**	**0.07**	**0.033**	**0.4**	<5
P5-10	**8.8**	**59**	**280**	**0.008**	**0.01**	**0.008**	**0.05**	<5
P5-15	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	**110**
P6-10	**53**	**240**	**1,200**	<0.01	**0.098**	<0.01	**0.45**	**14**
P6-15	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	**140**
P8-10	<1.0	<1.0	<5.0	---	---	---	---	---
P9-10	<1.0	<1.0	<5.0	---	---	---	---	---
P11-10	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	
P12-10	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	---
P12-15	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	---
Grab water sample reported in µg/L								
P12-H_2O	<50	**6,800**	**14,000**	<0.5	<0.5	<0.5	<0.5	---

Notes:

Trichloroethene: TCE

---: Indicates sample was not analyzed for the specific analytes.

APPENDIX A

Project:	Continental Volvo	Project No.:	99-0556	BORING NO.:
Site Address:	4030 International Blvd. Oakland, CA 94601	Total Depth:	20	P2
		Date:	January 1999	
Drilling Co.:	AGE	Logged by:	Little	Page 1 of 1
Rig/Auger Type:	Geoprobe 5400	Reviewed by:	Henderson	

Depth (feet)	Sample ID	OVA Reading (ppm)	Blow Counts (per 6")	USCS Class	Graphic Log	Lithologic Description
5	P2-5	0	-	GM		Tan, dry, silty GRAVEl, no hydrocarbon (HC) odor.
10	P2-10	0	-	GM		Tan, moist, silty GRAVEl, no HC odor.
15	P2-15	0		SM		Tan, moist, silty SAND, no HC odor.
20	P2-20	0		CL		Tan, moist, silty CLAY, no HC odor.
						Soil boring total depth 20 feet bsg Soil boring backfilled completely with portland cement ground water was not encountered

Project:	Continental Volvo	Project No.:	99-0556	BORING NO.: P1
Site Address:	4030 International Blvd. Oakland, CA 94601	Total Depth:	10	
		Date:	January 1999	
Drilling Co.:	AGE	Logged by:	Little	Page 1 of 1
Rig/Auger Type:	Geoprobe 5400	Reviewed by:	Henderson	

Depth (feet)	Sample ID	OVA Reading (ppm)	Blow Counts (per 6")	USCS Class	Graphic Log	Lithologic Description
5	P1-5	0	-	GM		Tan, dry, silty GRAVEl, no hydrocarbon (HC) odor.
10	P1-10	0	-	GM		Tan, moist, silty GRAVEl, no hydrocarbon (HC) odor.
						Soil boring total depth 10 feet bsg Soil boring backfilled completely with portland cement ground water was not encountered
15						
20						

Project:	Continental Volvo	Project No.:	99-0556	BORING NO.:
Site Address:	4030 International Blvd. Oakland, CA 94601	Total Depth:	10 feet	P1
		Date:	January 1999	
Drilling Co.:	AGE	Logged by:	Little	Page 1 of 1
Rig/Auger Type:	Geoprobe 5400	Reviewed by:	Henderson	

Depth (feet)	Sample ID	OVA Reading (ppm)	Blow Counts (per 6")	USCS Class	Graphic Log	Lithologic Description
5	P1-5	0	-	GM		Tan, dry, silty GRAVEl, no hydrocarbon (HC) odor.
10	P1-10	0	-	GM		Tan, moist, silty GRAVEl, no hydrocarbon (HC) odor.
						Soil boring total depth 10 feet bsg Soil boring backfilled completely with portland cement ground water was not encountered
15						
20						

Project:	Continental Volvo	Project No.:	99-0556	BORING NO.:
Site Address:	4030 International Blvd. Oakland, CA 94601	Total Depth:	20 feet	P2
		Date:	January 1999	
Drilling Co.:	AGE	Logged by:	Little	Page 1 of 1
Rig/Auger Type:	Geoprobe 5400	Reviewed by:	Henderson	

Depth (feet)	Sample ID	OVA Reading (ppm)	Blow Counts (per 6")	USCS Class	Graphic Log	Lithologic Description
5	P2-5	0	-	GM		Tan, dry, silty GRAVEl, no hydrocarbon (HC) odor.
10	P2-10	0	-	GM		Tan, moist, silty GRAVEl, no HC odor.
15	P2-15	0		SM		Tan, moist, silty SAND, no HC odor.
20	P2-20	0		CL		Tan, moist, silty CLAY, no HC odor.
						Soil boring total depth 20 feet bsg Soil boring backfilled completely with portland cement ground water was not encountered

Project:	Continental Volvo	Project No.:	99-0556	BORING NO.:
Site Address:	4030 International Blvd. Oakland, CA 94601	Total Depth:	10 feet	P3
		Date:	January 1999	
Drilling Co.:	AGE	Logged by:	Little	Page 1 of 1
Rig/Auger Type:	Geoprobe 5400	Reviewed by:	Henderson	

Depth (feet)	Sample ID	OVA Reading (ppm)	Blow Counts (per 6")	USCS Class	Graphic Log	Lithologic Description
5	P3-5	0	-	GM		Tan, dry, silty GRAVEl, no hydrocarbon (HC) odor.
10	P3-10	0	-	CL		Tan, moist, silty CLAY, no HC odor.
						Soil boring total depth 10 feet bsg Soil boring backfilled completely with portland cement ground water was not encountered
15						
20						

Advanced
GeoEnvironmental, Inc.

Project:	Continental Volvo	Project No.: 99-0556	BORING NO.: P4
Site Address:	4030 International Blvd. Oakland, CA 94601	Total Depth: 5 feet	
		Date: January 1999	
Drilling Co.:	AGE	Logged by: Little	Page 1 of 1
Rig/Auger Type:	Geoprobe 5400	Reviewed by: Henderson	

Depth (feet)	Sample ID	OVA Reading (ppm)	Blow Counts (per 6")	USCS Class	Graphic Log	Lithologic Description
	P4-3	0	-	GM		Brown, dry, silty GRAVEl, no hydrocarbon (HC) odor.
5	P3-5	0	-	CL		Tan, dry, silty CLAY, no HC odor.
						Soil boring total depth 5 feet bsg Soil boring backfilled completely with portland cement ground water wan not encountered
10						
15						
20						

Advanced
GeoEnvironmental, Inc.

Project:	Continental Volvo	Project No.: 99-0556	BORING NO.: P5
Site Address:	4030 International Blvd. Oakland, CA 94601	Total Depth: 15 feet	
		Date: January 1999	
Drilling Co.:	AGE	Logged by: Little	Page 1 of 1
Rig/Auger Type:	Geoprobe 5400	Reviewed by: Henderson	

Depth (feet)	Sample ID	OVA Reading (ppm)	Blow Counts (per 6")	USCS Class	Graphic Log	Lithologic Description
5	P5-5	61	-	CL		Green gray, dry, silty CLAY, strong hydrocarbon (HC) odor.
	P5-7	62	-	CL		Gray, moist, silty CLAY, strong HC odor.
10	P5-10	43	-	CL		Tan, moist, silty CLAY, slight HC odor.
15	P5-15	0		CL		Tan, moist, silty CLAY, no HC odor.
						Soil boring total depth 15 feet bsg Soil boring backfilled complete with portland cement ground water was not encountered
20						

Project:	Continental Volvo	Project No.:	99-0556	BORING NO.:
Site Address:	4030 International Blvd. Oakland, CA 94601	Total Depth:	30 feet	P6
		Date:	January 1999	
Drilling Co.:	AGE	Logged by:	Little	Page 1 of 1
Rig/Auger Type:	Geoprobe 5400	Reviewed by:	Henderson	

Depth (feet)	Sample ID	OVA Reading (ppm)	Blow Counts (per 6")	USCS Class	Graphic Log	Lithologic Description
5	P6-5	0	-	GM		Tan, dry, silty GRAVEL, no hydrocarbon (HC) odor.
10	P6-10	15	-	GM		Tan, moist, silty GRAVEL, slight HC odor.
15	P6-15	0	-	CL		Tan, moist, silty CLAY, no HC odor.
20						Soil boring total depth 30 feet bsg, sampled to 15 feet bsg Soil boring backfilled complete with portland cement ground water was not encountered

Project:	Continental Volvo	Project No.:	99-0556	BORING NO.:
Site Address:	4030 International Blvd. Oakland, CA 94601	Total Depth:	10 feet	P7
		Date:	January 1999	
Drilling Co.:	AGE	Logged by:	Little	Page 1 of 1
Rig/Auger Type:	Geoprobe 5400	Reviewed by:	Henderson	

Depth (feet)	Sample ID	OVA Reading (ppm)	Blow Counts (per 6")	USCS Class	Graphic Log	Lithologic Description
5	P7-5	0	-	GM		Tan, dry, silty GRAVEl, no hydrocarbon (HC) odor.
10	P7-10	0	-	CL		Tan, moist, silty CLAY, no hydrocarbon (HC) odor.
						Soil boring total depth 10 feet bsg Soil boring backfilled complete with portland cement ground water was not encountered
15						
20						

Project:	Continental Volvo	Project No.:	99-0556	BORING NO.:
Site Address:	4030 International Blvd. Oakland, CA 94601	Total Depth:	10 feet	**P8**
		Date:	January 1999	
Drilling Co.:	AGE	Logged by:	Little	Page 1 of 1
Rig/Auger Type:	Geoprobe 5400	Reviewed by:	Henderson	

Depth (feet)	Sample ID	OVA Reading (ppm)	Blow Counts (per 6")	USCS Class	Graphic Log	Lithologic Description
5	P8-5	0	-	GM		Tan, dry, silty GRAVEL, no hydrocarbon (HC) odor.
10	P8-10	0	-	CL		Tan, moist, silty CLAY, no hydrocarbon (HC) odor.
						Soil boring total depth 10 feet bsg Soil boring backfilled completely with portland cement ground water was not encountered
15						
20						

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Project:	Continental Volvo	Project No.:	99-0556	BORING NO.:
Site Address:	4030 International Blvd. Oakland, CA 94601	Total Depth:	10 feet	**P9**
		Date:	January 1999	
Drilling Co.:	AGE	Logged by:	Little	Page 1 of 1
Rig/Auger Type:	Geoprobe 5400	Reviewed by:	Henderson	

Depth (feet)	Sample ID	OVA Reading (ppm)	Blow Counts (per 6")	USCS Class	Graphic Log	Lithologic Description
	P9-3	0	-	CL		Brown, dry, silty CLAY, no hydrocarbon (HC) odor.
5	P9-5	0	-	GM		Tan, dry, silty GRAVEL, no HC odor.
10	P9-10	0	-	GM		Tan, moist, silty GRAVEL, no HC odor.
						Soil boring total depth 10 feet bsg Soil boring backfilled completely with portland cement ground water was not encountered
15						
20						

Project:	Continental Volvo	Project No.:	99-0556	BORING NO.:
Site Address:	4030 International Blvd. Oakland, CA 94601	Total Depth:	15 feet	**P10**
		Date:	January 1999	
Drilling Co.:	AGE	Logged by:	Little	Page 1 of 1
Rig/Auger Type:	Geoprobe 5400	Reviewed by:	Henderson	

Depth (feet)	Sample ID	OVA Reading (ppm)	Blow Counts (per 6")	USCS Class	Graphic Log	Lithologic Description
5	P10-5	0	-	GM		Tan, dry, silty GRAVEL, no hydrocarbon (HC) odor.
10	P10-10	0	-	GM		Tan, moist, silty GRAVEL, no HC odor.
15	P10-15'	0	-	GM		Tan, dry, silty GRAVEL, no HC odor.
20						Soil boring total depth 15 feet bsg Soil boring backfilled completely with portland cement ground water was not encountered

Advanced
GeoEnvironmental, Inc.

L:\AMIPRO\BORING~1\CONTIN~1\P10.SAM 03/11/99 @ 8:38 AM

Project:	Continental Volvo	Project No.:	99-0556	BORING NO.:
Site Address:	4030 International Blvd. Oakland, CA 94601	Total Depth:	15 feet	P11
		Date:	January 1999	
Drilling Co.:	AGE	Logged by:	Little	Page 1 of 1
Rig/Auger Type:	Geoprobe 5400	Reviewed by:	Henderson	

Depth (feet)	Sample ID	OVA Reading (ppm)	Blow Counts (per 6")	USCS Class	Graphic Log	Lithologic Description
5	P11-5	0	-	GM		Tan, dry, silty GRAVEL, no hydrocarbon (HC) odor.
10	P11-10	0	-	SM		Tan, moist, silty SAND, no HC odor.
15	P11-15'	0	-	CL		Tan, wet, silty CLAY, no HC odor.
20						Soil boring total depth 15 feet bsg Soil boring backfilled completely with portland cement ground water was not encountered

Advanced
GeoEnvironmental, Inc.

Project:	Continental Volvo	Project No.: 99-0556	BORING NO.: **P12**
Site Address:	4030 International Blvd. Oakland, CA 94601	Total Depth: 15 feet	
		Date: January 1999	
Drilling Co.:	AGE	Logged by: Little	Page 1 of 1
Rig/Auger Type:	Geoprobe 5400	Reviewed by: Henderson	

Depth (feet)	Sample ID	OVA Reading (ppm)	Blow Counts (per 6")	USCS Class	Graphic Log	Lithologic Description
5	P12-5	0	-	GM		Tan, dry, silty GRAVEL, no hydrocarbon (HC) odor.
10	P12-10	0	-	GM		Tan, moist, silty GRAVEL, no HC odor.
15	P12-15	0	-	CL		Tan, wet, silty CLAY, no HC odor.
						Soil boring total depth 15 feet bsg Soil boring backfilled completely with portland cement ground water encountered at 10 to 15 feet
20						

Advanced
GeoEnvironmental, Inc.

L:\AM\PRO\BORING~1\CONTIN~1\P12.SAM 03/11/99 @ 8:39 AM

APPENDIX B

McCAMPBELL ANALYTICAL INC.
110 Second Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

Advanced GeoEnvironmental 4005 North Wilson Way Stockton, CA 95205	Client Project ID: Continental Volvo	Date Sampled: 01/26/99
		Date Received: 01/26/99
	Client Contact: Bill Little	Date Extracted: 01/26/99
	Client P.O:	Date Analyzed: 01/26/99

02/03/99

Dear Bill:

Enclosed are:

1). the results of 4 samples from your **Continental Volvo** 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.

Yours truly,

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC.
110 Second Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

Advanced GeoEnvironmental	Client Project ID: Continental Volvo	Date Sampled: 01/26/99
4005 North Wilson Way		Date Received: 01/26/99
Stockton, CA 95205	Client Contact: Bill Little	Date Extracted: 01/27/99
	Client P.O:	Date Analyzed: 01/27/99

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*, with Methyl tert-Butyl Ether* & BTEX*

EPA methods 5030, modified 8015, and 8020 or 602; California RWQCB (SF Bay Region) method GCFID(5030)

Lab ID	Client ID	Matrix	TPH(g)+	MTBE	Benzene	Toluene	Ethylben-zene	Xylenes	% Recovery Surrogate
02400	P12 – H_2O	W	ND,h,i	ND	ND	ND	ND	ND	105
02405	P5-7	S	42,e,j	ND	0.082	0.070	0.033	0.40	99
02414	P11-10	S	ND	ND	ND	ND	ND	ND	99
02416	P12-15	S	ND	ND	ND	ND	ND	ND	102
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	50 ug/L	5.0	0.5	0.5	0.5	0.5	
		S	1.0 mg/kg	0.05	0.005	0.005	0.005	0.005	

* water and vapor samples are reported in ug/L, wipe samples in ug/wipe, soil and sludge samples in mg/kg, and all TCLP and SPLP extracts in ug/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?); f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~5 vol. % sediment; j) no recognizable pattern.

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC.
110 Second Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

Advanced GeoEnvironmental 4005 North Wilson Way Stockton, CA 95205	Client Project ID: Continental Volvo	Date Sampled: 01/26/99
		Date Received: 01/26/99
	Client Contact: Bill Little	Date Extracted: 01/26/99
	Client P.O:	Date Analyzed: 01/26-01/28/99

Diesel Range (C10-C23) and Oil-Range (C18+) Extractable Hydrocarbons as Diesel and Motor Oil*

EPA methods modified 8015, and 3550 or 3510; California RWQCB (SF Bay Region) method GCFID(3550) or GCFID(3510)

Lab ID	Client ID	Matrix	TPH(d)+	TPH(mo)+	% Recovery Surrogate
02400	P12 – H_2O	W	6800,g,b,h,i	14,000	106
02405	P5-7	S	150,g,d	660	101
02414	P11-10	S	ND	ND	98
02416	P12-15	S	ND	ND	99
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	50 ug/L	250 ug/L	
		S	1.0 mg/kg	5.0 mg/kg	

*water samples are reported in ug/L, wipe samples in ug/wipe, soil and sludge samples in mg/kg, and all TCLP / STLC / SPLP extracts in ug/L

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+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 diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) medium boiling point pattern that does not match diesel (?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~5 vol. % sediment.

DHS Certification No. 1644

Edward Hamilton, Lab Director

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http://www.mccampbell.com E-mail: main@mccampbell.com

Advanced GeoEnvironmental	Client Project ID: Continental Volvo	Date Sampled: 01/26/99
4005 North Wilson Way		Date Received: 01/26/99
Stockton, CA 95205	Client Contact: Bill Little	Date Extracted: 01/26/99
	Client P.O:	Date Analyzed: 01/26/99

Volatile Halocarbons

EPA method 601 or 8010

Lab ID	02400			
Client ID	P12 – H_2O			
Matrix	W			
Compound	Concentration*			
Bromodichloromethane	ND			
Bromoform[b]	ND			
Bromomethane	ND			
Carbon Tetrachloride[c]	ND			
Chlorobenzene	ND			
Chloroethane	ND			
2-Chloroethyl Vinyl Ether[d]	ND			
Chloroform[e]	ND			
Chloromethane	ND			
Dibromochloromethane	ND			
1,2-Dichlorobenzene	ND			
1,3-Dichlorobenzene	ND			
1,4-Dichlorobenzene	ND			
Dichlorodifluoromethane	ND			
1,1-Dichloroethane	ND			
1,2-Dichloroethane	ND			
1,1-Dichloroethene	ND			
cis 1,2-Dichloroethene	ND			
trans 1,2-Dichloroethene	ND			
1,2-Dichloropropane	ND			
cis 1,3-Dichloropropene	ND			
trans 1,3-Dichloropropene	ND			
Methylene Chloride[f]	ND			
1,1,2,2-Tetrachloroethane	ND			
Tetrachloroethene	24			
1,1,1-Trichloroethane	ND			
1,1,2-Trichloroethane	ND			
Trichloroethene	ND			
Trichlorofluoromethane	ND			
Vinyl Chloride[g]	ND			
% Recovery Surrogate	100			
Comments	h,i			

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil and sludge samples in ug/kg, wipe samples in ug/wipe

Reporting limit unless otherwise stated: water/TCLP/SPLP extracts, ND<0.5ug/L; soils and sludges, ND<5ug/kg; wipes, ND<0.2ug/wipe

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

(b) tribromomethane; (c) tetrachloromethane; (d) (2-chloroethoxy) ethene; (e) trichloromethane; (f) dichloromethane; (g) chloroethene; (h) a lighter than water immiscible sheen is present; (i) liquid sample that contains greater than ~5 vol. % sediment; (j) sample diluted due to high organic content.

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC.
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Telephone : 925-798-1620 Fax : 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

Advanced GeoEnvironmental	Client Project ID: Continental Volvo	Date Sampled: 01/26/99
4005 North Wilson Way		Date Received: 01/26/99
Stockton, CA 95205	Client Contact: Bill Little	Date Extracted: 01/27/99
	Client P.O:	Date Analyzed: 01/27/99

LUFT Metals*

EPA analytical methods 6010/200.7, 239.2+

Lab ID	Client ID	Matrix	Extraction°	Cadmium	Chromium	Lead	Nickel	Zinc	% Recovery Surrogate
02400	P12 – H_2O	W	Dissolved	ND	ND	ND	ND	ND	NA
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		S	TTLC	0.5 mg/kg	0.5	3.0	2.0	1.0	
		W	Dissolved	0.005 mg/L	0.005	0.005	0.05	0.05	
		---	STLC, TCLP	0.01 mg/L	0.05	0.2	0.05	0.05	

* water samples are reported in mg/L, soil and sludge samples in mg/kg, wipes in ug/wipe and all TCLP / STLC / SPLP extracts in mg/L

+ Lead is analysed using EPA method 6010 (ICP)for soils, STLC & TCLP extracts and method 239.2 (AA Furnace) for water samples

° EPA extraction methods 1311(TCLP), 3010/3020(water,TTLC), 3040(organic matrices,TTLC), 3050(solids,TTLC); STLC - CA Title 22

surrogate diluted out of range; N/A means surrogate not applicable to this analysis

& reporting limit raised due to matrix interference

i) liquid sample that contains greater than ~2 vol. % sediment; this sediment is extracted with the liquid, in accordance with EPA methodologies and can significantly effect reported metal concentrations.

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 925-798-1620 Fax: 925-798-1622

QC REPORT FOR HYDROCARBON ANALYSES

Date: 01/25/99-01/26/99 Matrix: WATER

Analyte	Concentration (mg/L) Sample (#02171)	MS	MSD	Amount Spiked	% Recovery MS	MSD	RPD
TPH (gas)	0.0	85.3	88.0	100.0	85.3	88.0	3.1
Benzene	0.0	9.9	9.6	10.0	99.0	96.0	3.1
Toluene	0.0	10.1	9.8	10.0	101.0	98.0	3.0
Ethyl Benzene	0.0	10.2	10.1	10.0	102.0	101.0	1.0
Xylenes	0.0	30.7	30.3	30.0	102.3	101.0	1.3
TPH(diesel)	0.0	153	160	150	102	107	4.2
TRPH (oil & grease)	0	27400	26700	23700	116	113	2.6

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
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QC REPORT FOR HYDROCARBON ANALYSES

Date: 01/27/99-01/28/99 Matrix: WATER

Analyte	Concentration (mg/L) Sample (#02171)	MS	MSD	Amount Spiked	% Recovery MS	MSD	RPD
TPH (gas)	0.0	86.4	86.6	100.0	86.4	86.6	0.2
Benzene	0.0	9.6	9.4	10.0	96.0	94.0	2.1
Toluene	0.0	9.8	9.6	10.0	98.0	96.0	2.1
Ethyl Benzene	0.0	10.1	9.8	10.0	101.0	98.0	3.0
Xylenes	0.0	30.5	29.6	30.0	101.7	98.7	3.0
TPH(diesel)	0.0	151	155	150	101	104	2.8
TRPH (oil & grease)	0	23600	25500	23700	100	108	7.7

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

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QC REPORT FOR HYDROCARBON ANALYSES

Date: 01/25/99-01/26/99 Matrix: SOIL

Analyte	Concentration (mg/kg) Sample (#95485)	MS	MSD	Amount Spiked	% Recovery MS	MSD	RPD
TPH (gas)	0.000	2.169	2.073	2.03	107	102	4.5
Benzene	0.000	0.210	0.218	0.2	105	109	3.7
Toluene	0.000	0.218	0.224	0.2	109	112	2.7
Ethylbenzene	0.000	0.214	0.212	0.2	107	106	0.9
Xylenes	0.000	0.624	0.616	0.6	104	103	1.3
TPH(diesel)	0	354	347	300	118	116	2.0
TRPH (oil and grease)	0.0	25.0	24.9	20.8	120	120	0.4

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

McCAMPBELL ANALYTICAL INC.
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Tele: 925-798-1620 Fax: 925-798-1622

QC REPORT FOR HYDROCARBON ANALYSES

Date: 01/27/99-01/28/99 Matrix: SOIL

Analyte	Concentration (mg/kg) Sample (#95486)	MS	MSD	Amount Spiked	% Recovery MS	MSD	RPD
TPH (gas)	0.000	1.930	1.893	2.03	95	93	1.9
Benzene	0.000	0.160	0.180	0.2	80	90	11.8
Toluene	0.000	0.204	0.188	0.2	102	94	8.2
Ethylbenzene	0.000	0.192	0.190	0.2	96	95	1.0
Xylenes	0.000	0.572	0.554	0.6	95	92	3.2
TPH(diesel)	0	361	358	300	120	119	0.7
TRPH (oil and grease)	0.0	22.7	23.5	20.8	109	113	3.5

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

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http://www.mccampbell.com E-mail: main@mccampbell.com

QC REPORT FOR EPA 8010/8020/EDB

Date: 01/26/99 Matrix: WATER

Analyte	Concentration (ug/L)				% Recovery		
	Sample (#02031)	MS	MSD	Amount Spiked	MS	MSD	RPD
1,1-DCE	0.0	9.2	9.5	10.0	92	95	3.2
Trichloroethene	0.0	9.4	10.0	10.0	94	100	6.2
EDB	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chlorobenzene	0.0	10.2	10.6	10.0	102	106	3.8
Benzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Toluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chlorobz (PID)	N/A	N/A	N/A	N/A	N/A	N/A	N/A

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 925-798-1620 Fax: 925-798-1622

QC REPORT FOR ICP and/or AA METALS

Date: 01/28/99-01/29/99 Matrix: WATER

Extraction: DISSOLVED

Analyte	Concentration (mg/L)			Amount	% Recovery		RPD
	Sample	MS	MSD		MS	MSD	
Total Lead	0.00	5.25	5.29	5.00	105	106	0.9
Total Cadmium	0.00	5.39	5.49	5.00	108	110	1.8
Total Chromium	0.00	5.20	5.25	5.00	104	105	0.9
Total Nickle	0.00	4.90	4.97	5.00	98	99	1.4
Total Zinc	0.00	5.27	5.32	5.00	105	106	0.8
Total Copper	0.00	5.01	5.05	5.00	100	101	0.9
Organic Lead	N/A	N/A	N/A	N/A	N/A	N/A	N/A

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

N/A	0.9	0.8 1.4 0.9 1.8	RPD 0.9

94533
2

Advanced
GeoEnvironmental, Inc. 13795 xrge391.doc
4005 North Wilson Way - Stockton, California - 95205 - (209) 467-1006 - Fax (209) 467-1118

CHAIN OF CUSTODY RECORD

Date 1/26/99 Page 1 of 3

Client McREUITT V&HD

Project Manager BILL LETTIG

Phone Number ABOVE

Samplers: (Signature) William Wells

Project Name CONTINENTAL V&HD

Tests Required

Invoice: AGE ☑ Client ☐

Sample Number	Location Description	Date	Time	Sample Type: Water Comp.	Water Grab.	Air	Solid	No. of Conts.	TPH-all GD,MO	BTEX/MTBE	5 LUFT METALS	EPA 8010	Notes
P1R-H20	P12 WATER	1/26/99	1535		✓			7	X	X	X	X	02400
P1-10			840				✓	1					02401
P2-10			905										02402
P3-10			1000										02403
P4-~~03~~			1005										02404
P5-7			1045						✓	✓			02405
P5-10		↓	1050				↓	↓					02406

Relinquished by: (Signature) William Wells
Relinquished by: (Signature)
Relinquished by: (Signature)
Dispatched by: (Signature)

Received by: (Signature)
Received by: (Signature)
Received by Mobile Laboratory for field analyses: (Signature)
Date/Time

WATER BY LUFT 5 ALL OTHERS NTAT

Received for Laboratory by: NAIMA V. MAAT
Date/Time
Date/Time
Date/Time
Date/Time

GOOD CONDITION ✓ PRESERVATION ✓ ✓
HEAD SPACE ABSENT ✓ APPROPRIATE CONTAINERS ✓

F. Hexed & preserved in lab upon arrival

I hereby authorize the performance of the above indicated work.

William Wells

(2)

Advanced
GeoEnvironmental, Inc. 13795 xhge391.doc
4005 North Wilson Way - Stockton, California - 95205 - (209) 467-1006 - Fax (209) 467-1118

CHAIN OF CUSTODY RECORD

Date 1/26/99 Page 1 of 3

Client McReuitt Valve

Project Manager: Bill Little

Phone Number: Above

Samplers: (Signature) William Wells

Project Name: CONTINENTAL VALVE

Tests Required: TPH-all GDNE; BTEX/MTBE; 5 Lead Metals; EPA 8010

Disposal

Invoice: AGE ☑ Client ☐

Sample Number	Location Description	Date	Time	Sample Type: Water Comp.	Water Grab.	Air	Solid	No. of Conts.	Notes
P12-H20	P12 water	1/26/99	1535		✓			7	02400
P1-10			840				✓	1	02401
P2-10			905						02402
P3-10			1000						02403
P4-10			1005						02404
P5-7			1040						
P3-7			1045						02405
P5-10		↓	1050				↓	↓	02406

Relinquished by: (Signature) William Wells — Received by: (Signature)

Relinquished by: (Signature) — Received by: (Signature)

Relinquished by: (Signature)

WATER BY Thursday 1/28

Date/Time

Date/Time

GOOD CONDITION ✓ PRESERVATION ✓ LOT
HEAD SPACE ABSENT ✓ APPROPRIATE CONTAINERS ✓

Filtered & preserved in lab upon arrival

I hereby authorize the performance of the above indicated work.

William Little

L.O.

CHAIN OF CUSTODY RECORD

Date 1/26/99 Page 3 of 3

Advanced
GeoEnvironmental, Inc.
4005 North Wilson Way - Stockton, California - 95205 - (209) 467-1006 - Fax (209) 467-1118

Client: McKevitt Volvo

Project Manager: Bill Little

Phone Number: ABOVE

Samplers: (Signature): William Little

Project Name: Continental Volvo

Tests Required: TPH-gas BTEX-MTBE (8015 M/D)

Invoice: AGE ☑ Client ☐

Sample Number	Location Description	Date	Time	Sample Type: Water Comp.	Water Grab.	Air	Solid	No. of Conts.	TPH-gas	BTEX-MTBE	Notes
P-11-10		1/26/99	1455				✓	1	✓		02414
P12-10		↓	1520				✓	↓			02415
P12-15		↓	1525				✓	↓	✓		02416

NTAT

Relinquished by: (Signature) William Little — Date/Time

Relinquished by: (Signature) — Received by: (Signature) — Date/Time

Relinquished by: (Signature) — Received by: (Signature) — Date/Time

Dispatched by: (Signature) — Received by Mobile Laboratory for field analysis: (Signature) — Date/Time

Method of Shipment: ICE ✓ — Received for Laboratory by: (NTAT) — Date/Time: 1/26/99 6:10pm

VOAS | O&G | METALS | OTHER — Laboratory Name: McCampbell

McCAMPBELL ANALYTICAL INC.
110 Second Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

Advanced GeoEnvironmental	Client Project ID: Continental Volvo	Date Sampled: 01/26/99
4005 North Wilson Way		Date Received: 01/26/99
Stockton, CA 95205	Client Contact: Bill Little	Date Extracted: 02/05/99
	Client P.O:	Date Analyzed: 02/05/99

02/16/99

Dear Bill:

Enclosed are:

1). the results of 12 samples from your **Continental Volvo** 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.

Yours truly,

Edward Hamilton, Lab Director

Advanced
GeoEnvironmental, Inc. 13795 xage591.doc
4005 North Wilson Way - Stockton, California - 95205 - (209) 467-1006 - Fax (209) 467-1118

CHAIN OF CUSTODY RECORD

Date 1/26/99 Page 1 of 3

Client: McQuiddy Volvo

Project Manager: Bill Leitz

Phone Number: Absent

Samplers: (Signature): William Wells

Project Name: Continental Volvo

Invoice: AGE ☑ Client ☐

Tests Required: TPH-all G,D,MO; BTEX/MTBE; 5 Lucl Metals; EPA 8010

Sample Number	Location Description	Date	Time	Sample Type: Water Comp.	Water Grab.	Air	Solid	No. of Conts.	TPH-all G,D,MO	BTEX/MTBE	5 Lucl Metals	EPA 8010			Notes
P12-H2O	P12 water	1/26/99	1535		✓			7	X	X	X	X			02400
P1-10			840				✓	1							02401
P2-10			905												02402
P3-10			1000												02403
P4-03			1005												02404
P5-7			1045						✓	✓					02405
P5-10		↓	1050				↓	↓							02406

Relinquished by: (Signature): William Wells — Received by: (Signature)

Relinquished by: (Signature) — Received by: (Signature)

Relinquished by: (Signature) — Received by Mobile Laboratory for field analysis: (Signature)

Dispatched by: (Signature) — Date/Time — Received for Laboratory by: Lisa V (MAI) — Date/Time: 1/26/99 6:11 pm

Water by Thursday 1/28

All others NTAT *

Method of Shipment:

Laboratory Name: MAI

Special Instructions:

ICE ✓
GOOD CONDITION ✓
HEAD SPACE ABSENT ✓

PRESERVATION APPROPRIATE ✓
CONTAINERS ✓

VOAs ✓ O&G ✓ METALS ✓ OTHER

Filtered & preserved in lab upon receival

I hereby authorize the performance of the above indicated work.

William Wells

L-W

Advanced GeoEnvironmental, Inc.

4005 North Wilson Way - Stockton, California - 95205 - (209) 467-1006 - Fax (209) 467-1118

CHAIN OF CUSTODY RECORD

Date 1/26/99 Page 3 of 3

Client: McKenitt Volvo

Project Manager: Bill Little

Phone Number: Above

Samplers: (Signature) William Little

Project Name: Continental Volvo

Tests Required: TPH-all BTEX/MTBE (D MO)

Invoice: AGE ☑ Client ☐

Sample Number	Location Description	Date	Time	Water Comp.	Water Grab.	Air	Solid	No. of Conts.	TPH-all BTEX/MTBE						Notes
P-11-10		1/26/99	1455				✓	1	✓						02414
P12-10		↓	1520				✓	↓							H 02415
P12-15		↓	1525				✓	↓	✓						02416

Relinquished by: (Signature) William Little	Received by: (Signature)	N TAT	Date/Time
Relinquished by: (Signature)	Received by: (Signature)		Date/Time
Relinquished by: (Signature)	Received by Mobile Laboratory for field analysis: (Signature)		Date/Time
Dispatched by: (Signature)	Date/Time	Received for Laboratory by: (MAI)	Date/Time 1/26/99 6:10pm

Method of Shipment:

Special Instructions:

ICE/t° ✓
GOOD CONDITION ✓
HEAD SPACE ABSENT
PRESERVATION | VOAS | O&G | METALS | OTHER
APPROPRIATE CONTAINERS ✓

Laboratory Name: Mc Campbell

I hereby authorize the performance of the above indicated work.

William Little

McCAMPBELL ANALYTICAL INC.
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Advanced GeoEnvironmental 4005 North Wilson Way Stockton, CA 95205	Client Project ID: Continental Volvo	Date Sampled: 01/26/99
		Date Received: 01/26/99
	Client Contact: Bill Little	Date Extracted: 02/05/99
	Client P.O:	Date Analyzed: 02/05/99

02/16/99

Dear Bill:

Enclosed are:

1). the results of **12** samples from your **Continental Volvo** project,

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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.

Yours truly,

Edward Hamilton, Lab Director

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Advanced GeoEnvironmental	Client Project ID: Continental Volvo	Date Sampled: 01/26/99
4005 North Wilson Way		Date Received: 01/26/99
Stockton, CA 95205	Client Contact: Bill Little	Date Extracted: 02/05/99
	Client P.O:	Date Analyzed: 02/06/99

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*, with Methyl tert-Butyl Ether* & BTEX*

EPA methods 5030, modified 8015, and 8020 or 602; California RWQCB (SF Bay Region) method GCFID(5030)

Lab ID	Client ID	Matrix	TPH(g)+	MTBE	Benzene	Toluene	Ethylben-zene	Xylenes	% Recovery Surrogate
02406	P5-10	S	---	ND	0.008	0.010	0.008	0.050	99
02407	P5-15	S	---	ND	ND	ND	ND	ND	120
02408	P6-10	S	---	ND<0.2	ND<0.01	0.098	ND<0.01	0.45	106
02409	P6-15	S	---	ND	ND	ND	ND	ND	114
02415	P12-10	S	---	ND	ND	ND	ND	ND	111
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	50 ug/L	5.0	0.5	0.5	0.5	0.5	
		S	1.0 mg/kg	0.05	0.005	0.005	0.005	0.005	

* water and vapor samples are reported in ug/L, wipe samples in ug/wipe, soil and sludge samples in mg/kg, and all TCLP and SPLP extracts in ug/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?); f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~5 vol. % sediment; j) no recognizable pattern.

DHS Certification No. 1644

Edward Hamilton, Lab Director

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Advanced GeoEnvironmental	Client Project ID: Continental Volvo	Date Sampled: 01/26/99
4005 North Wilson Way		Date Received: 01/26/99
Stockton, CA 95205	Client Contact: Bill Little	Date Extracted: 02/05/99
	Client P.O:	Date Analyzed: 02/05-02/09/99

Multi-Range (Gasoline,Diesel,Motor Oil) TPH as Diesel *

EPA methods modified 8015, and 3550 or 3510; California RWQCB (SF Bay Region) method GCFID(3550) or GCFID(3510)

Lab ID	Client ID	Matrix	TPH(Gas)$^{+}$ (C6-C12)	TPH(Diesel)$^{+}$ (C10-C23)	TPH(MotorOil)$^{\circ}$ (>C18)	% Recovery Surrogate
02401	P1-10	S	ND	ND	ND	101
02402	P2-10	S	ND	ND	ND	107
02403	P3-10	S	ND	ND	ND	100
02404	P4-3	S	ND	ND	ND	100
02406	P5-10	S	8.8	59,g,b	280	104
02407	P5-15	S	ND	ND	ND	102
02408	P6-10	S	53	240,g,b,d	1200	111
02409	P6-15	S	ND	ND	ND	101
02411	P8-10	S	ND	ND	ND	102
02412	P9-10	S	ND	ND	ND	103
02415	P12-10	S	ND	ND	ND	99
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	50 ug/L	50 ug/L	250 ug/L	
		S	1.0 mg/kg	1.0 mg/kg	5.0 mg/kg	

* water samples are reported in ug/L, soil and sludge samples in mg/kg, wipes in ug/wipe and all TCLP / SPLP extracts in mg/L

^{g} cluttered chromatogram resulting in surrogate and sample peak coelution, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

$^{\circ}$ oil-range compounds are not fully recovered by this GC methodology

$^{+}$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 diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) medium boiling point pattern that does not match diesel(?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~5 vol. % sediment.

DHS Certification No. 1644

Edward Hamilton, Lab Director

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http://www.mccampbell.com E-mail: main@mccampbell.com

Advanced GeoEnvironmental 4005 North Wilson Way Stockton, CA 95205	Client Project ID: Continental Volvo	Date Sampled: 01/26/99
		Date Received: 01/26/99
	Client Contact: Bill Little	Date Extracted: 02/05-02/11/99
	Client P.O:	Date Analyzed: 02/05-02/11/99

Volatile Halocarbons

EPA method 601 or 8010

Lab ID	02405	02406	02407	02408
Client ID	P5-7	P5-10	P5-15	P6-10
Matrix	S	S	S	S
Compound	Concentration*			
Bromodichloromethane	ND	ND	ND	ND
Bromoform[b]	ND	ND	ND	ND
Bromomethane	ND	ND	ND	ND
Carbon Tetrachloride[c]	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND
2-Chloroethyl Vinyl Ether[d]	ND	ND	ND	ND
Chloroform[e]	ND	ND	ND	ND
Chloromethane	ND	ND	ND	ND
Dibromochloromethane	ND	ND	ND	ND
1,2-Dichlorobenzene	11	ND	ND	17
1,3-Dichlorobenzene	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND
Dichlorodifluoromethane	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND
cis 1,2-Dichloroethene	ND	ND	ND	ND
trans 1,2-Dichloroethene	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND
cis 1,3-Dichloropropene	ND	ND	ND	ND
trans 1,3-Dichloropropene	ND	ND	ND	ND
Methylene Chloride[f]	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND
Trichloroethene	ND	ND	110	14
Trichlorofluoromethane	ND	ND	ND	ND
Vinyl Chloride[g]	ND	ND	ND	ND
% Recovery Surrogate	100	99	97	98
Comments				

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil and sludge samples in ug/kg, wipe samples in ug/wipe

Reporting limit unless otherwise stated: water/TCLP/SPLP extracts, ND<0.5ug/L; soils and sludges, ND<5ug/kg; wipes, ND<0.2ug/wipe

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

(b) tribromomethane; (c) tetrachloromethane; (d) (2-chloroethoxy) ethene; (e) trichloromethane; (f) dichloromethane; (g) chloroethene; (h) a lighter than water immiscible sheen is present; (i) liquid sample that contains greater than ~5 vol. % sediment; (j) sample diluted due to high organic content.

DHS Certification No. 1644

Edward Hamilton, Lab Director

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http://www.mccampbell.com E-mail: main@mccampbell.com

Advanced GeoEnvironmental 4005 North Wilson Way Stockton, CA 95205	Client Project ID: Continental Volvo	Date Sampled: 01/26/99
		Date Received: 01/26/99
	Client Contact: Bill Little	Date Extracted: 02/05-02/11/99
	Client P.O:	Date Analyzed: 02/05-02/11/99

Volatile Halocarbons

EPA method 601 or 8010

Lab ID	02409			
Client ID	P6-15			
Matrix	S			
Compound	Concentration*			
Bromodichloromethane	ND			
Bromoform[b]	ND			
Bromomethane	ND			
Carbon Tetrachloride[c]	ND			
Chlorobenzene	ND			
Chloroethane	ND			
2-Chloroethyl Vinyl Ether[d]	ND			
Chloroform[e]	ND			
Chloromethane	ND			
Dibromochloromethane	ND			
1,2-Dichlorobenzene	ND			
1,3-Dichlorobenzene	ND			
1,4-Dichlorobenzene	ND			
Dichlorodifluoromethane	ND			
1,1-Dichloroethane	ND			
1,2-Dichloroethane	ND			
1,1-Dichloroethene	ND			
cis 1,2-Dichloroethene	ND			
trans 1,2-Dichloroethene	ND			
1,2-Dichloropropane	ND			
cis 1,3-Dichloropropene	ND			
trans 1,3-Dichloropropene	ND			
Methylene Chloride[f]	ND			
1,1,2,2-Tetrachloroethane	ND			
Tetrachloroethene	ND			
1,1,1-Trichloroethane	ND			
1,1,2-Trichloroethane	ND			
Trichloroethene	140			
Trichlorofluoromethane	ND			
Vinyl Chloride[g]	ND			
% Recovery Surrogate	96			
Comments				

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil and sludge samples in ug/kg, wipe samples in ug/wipe

Reporting limit unless otherwise stated: water/TCLP/SPLP extracts, ND<0.5ug/L; soils and sludges, ND<5ug/kg; wipes, ND<0.2ug/wipe

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

(b) tribromomethane; (c) tetrachloromethane; (d) (2-chloroethoxy) ethene; (e) trichloromethane; (f) dichloromethane; (g) chloroethene; (h) a lighter than water immiscible sheen is present; (i) liquid sample that contains greater than ~5 vol. % sediment; (j) sample diluted due to high organic content.

DHS Certification No. 1644

Edward Hamilton, Lab Director

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QC REPORT FOR HYDROCARBON ANALYSES

Date: 02/05/99-02/06/99 Matrix: SOIL

Analyte	Concentration (mg/kg) Sample (#95829)	MS	MSD	Amount Spiked	% Recovery MS	MSD	RPD
TPH (gas)	0.000	2.283	2.291	2.03	112	113	0.3
Benzene	0.000	0.214	0.208	0.2	107	104	2.8
Toluene	0.000	0.216	0.214	0.2	108	107	0.9
Ethylbenzene	0.000	0.214	0.216	0.2	107	108	0.9
Xylenes	0.000	0.628	0.622	0.6	105	104	1.0
TPH(diesel)	0	290	287	300	97	96	1.3
TRPH (oil and grease)	N/A	N/A	N/A	N/A	N/A	N/A	N/A

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 925-798-1620 Fax: 925-798-1622

QC REPORT FOR EPA 8010/8020/EDB

Date: 02/04/99-02/05/99 Matrix: SOIL

Analyte	Concentration (ug/kg)				% Recovery		
	Sample (#95829)	MS	MSD	Amount Spiked	MS	MSD	RPD
1,1-DCE	0	77	75	100	77	75	2.4
Trichloroethene	0	89	87	100	89	87	2.4
EDB	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chlorobenzene	0	95	92	100	95	92	3.6
Benzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Toluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chlorobz (PID)	N/A	N/A	N/A	N/A	N/A	N/A	N/A

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

Advanced
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4005 North Wilson Way - Stockton, California - 95205 - (209) 467-1006 - Fax (209) 467-1118

CHAIN OF CUSTODY RECO

Date 1/26/99 Page 1 of 3

Dispatched

Client: McRevitt Volvo

Project Manager: Bill Lettie

Phone Number: Asap

Samplers: (Signature): William Willis

Project Name: Continental Volvo

Tests Required: TPH-all GD,MO; BTEX/MTBE; 6 CAM Metals; EPA 8010

Invoice: AGE ☑ Client ☐

Sample Number	Location Description	Date	Time	Sample Type: Water Comp.	Water Grab.	Air	Solid	No. of Conts.	Notes
5X P12-H2O	P12 water	1/26/99	1535		✓			7	02400
P1-10			840				✓	1	02401
P2-10			905						02402
P3-10			1000						02403
P4-10			1005						02404
P5-7			1045						02405
P5-10		↓	1050				↓	↓	02406

Relinquished by: (Signature) William Willis

Received by: (Signature) ⊗ = off Hold 2/5 5pm per B.L. 5 day

WATER by Thursday 1/28

ALL OTHERS NTAT *

Relinquished by: (Signature)

Received by: (Signature)

Date/Time

Relinquished by: (Signature)

Received by Mobile Laboratory for field analysis: (Signature)

Date/Time

Dispatched by: (Signature)

Date/Time

Received for Laboratory by: Gina V (MAI)

Date/Time 1/28/99 6:11 pm

Method of Shipment:

Laboratory Name: MAI

Special Instructions:

ICE ✓
GOOD CONDITION ✓
HEAD SPACE ABSENT ✓

PRESERVATION APPROPRIATE ✓
CONTAINERS ✓

VOAs | O&G | METALS | OTHER ✓ ✓

F. Heped & preserved in lab upon arrival

I hereby authorize the performance of the above indicated work.

William Willis

L.W

Advanced
GeoEnvironmental, Inc.
4005 North Wilson Way - Stockton, California - 95205 - (209) 467-1006 - Fax (209) 467-1118

CHAIN OF CUSTODY RECORD

Date 1/26/99 Page 2 of 3

Client: McDevitt Volvo

Project Manager: Bill Lange

Phone Number: ABaur

Samplers: (Signature): William White

Project Name: Continental Volvo

Tests Required: TPH as Gas, BTEX/MTBE, 8010, TPH as Diesel, MO

Invoice: AGE ☑ Client ☐

Sample Number	Location Description	Date	Time	Sample Type: Water Comp.	Water Grab.	Air	Solid	No. of Conts.	Notes
P5-15		1/26/99	1100				✓	1	02407
P6-10			1140						02408
P6-15			1210						02409
P7-10			1105						02410
P8-10			1125						02411
P9-10									02412
P10-10		↓	1425				↓	↓	02413

Relinquished by: (Signature) William White

Received by: (Signature) ⊗ = off Hold per B.L. 2/5 5pm 5 day

NTAT SAC

Relinquished by: (Signature)

Received by Mobile Laboratory for field analysis: (Signature)

Date/Time

Relinquished by: (Signature)

Date/Time

Dispatched by: (Signature)

Date/Time

Received for Laboratory by: (MAI)

Date/Time 1/26/99 6:10pm

VOAs | O&G | METALS | OTHER

Method of Shipment:

ICE ✓
GOOD CONDITION ✓
HEAD SPACE ABSENT ✓

PRESERVATION APPROPRIATE ✓
CONTAINERS ✓

Laboratory Name: MAI

Special Instructions:

I hereby authorize the performance of the above indicated work.

William White

L.W

Advanced
GeoEnvironmental, Inc.
4005 North Wilson Way - Stockton, California - 95205 - (209) 467-1006 - Fax (209) 467-1118

CHAIN OF CUSTODY RECORD

Date 1/26/99 Page 3 of 3

Client: McNevitt Volvo

Project Manager: Bill Little

Phone Number: ABOVE

Samplers: (Signature): William Wilbur

Project Name: Continental Volvo

Tests Required: TPH-d (BTEX/MTBE) BTEX

Invoice: AGE ☑ Client ☐

Sample Number	Location Description	Date	Time	Sample Type: Water Comp.	Water Grab.	Air	Solid	No. of Conts.	TPH-d (BTEX/MTBE)	BTEX	Notes
P-11-10		1/26/99	1455				✓	1	✓		02414
P12-10		↓	1520				✓	↓	⊗		02415
P12-15			1525				✓	↓	✓		02416

Relinquished by: (Signature) William Wilbur

Received by: (Signature) ⊗ = Off Hold per B.L. 2/5 5pm NTAT 5day

Date/Time

Relinquished by: (Signature)

Received by: (Signature)

Date/Time

Relinquished by: (Signature)

Received by Mobile Laboratory for field analysis: (Signature)

Date/Time

Dispatched by: (Signature)

Date/Time

Received for Laboratory by: Linda V (NAT)

Date/Time 1/26/99 6:10pm

Method of Shipment:

Special Instructions:

ICE/N ✓
GOOD CONDITION ✓
HEAD SPACE ABSENT —

PRESERVATION APPROPRIATE ✓
CONTAINERS ✓

VOAS | O&G | METALS | OTHER

Laboratory Name: Mc Campbell

I hereby authorize the performance of the above indicated work.

William Wilbur