

**HYDRAULIC LIFT EXCAVATION REPORT**

**OAKLAND GENERAL TIRE  
1201 14<sup>th</sup> Avenue  
Oakland, California**

**October 16, 1998**

*(209) 606-0062*

- ① Did they analyze for all PMA'S - No
- ② why 2000 ppm cut?

Report Prepared for:

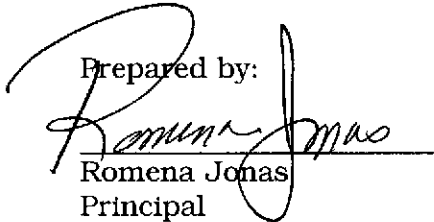
CONTINENTAL GENERAL TIRE, INC.  
1800 Continental Boulevard  
Charlotte, North Carolina 28273

**HYDRAULIC LIFT EXCAVATION REPORT**

**Oakland General Tire  
1201 14<sup>th</sup> Avenue  
Oakland, California**

Jonas and Associates Inc. Job No. GT-213

Prepared by:

  
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October 16, 1998

Jonas & Associates Inc.

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HYDRAULIC LIFT EXCAVATION REPORT

OAKLAND GENERAL TIRE  
1201 14<sup>th</sup> Avenue, Oakland, California  
October 16, 1998

1.0 INTRODUCTION

Jonas and Associates Inc. (J&A) has been retained by Continental General Tire, Inc. (General Tire) to excavate and remove hydraulic lifts and reservoirs from their property located at 1201 14<sup>th</sup> Avenue, in Oakland, California 94606. This report presents a summary of field activities and laboratory analytical results.

General Tire's environmental representative for this project is Mr. Mike McNally {(704) 583-8561}. The lead agency for this project is the Alameda County Health Care Services Agency, Department of Environmental Health, Hazardous Division (Alameda County Health Services). The address of Alameda County Health Services is 1131 Harbor Bay Parkway, 2nd Floor, Alameda, California 94502. The agency representative is Ms. Madhulla Logan {(510) 567-6764}.

1.1 Site Description

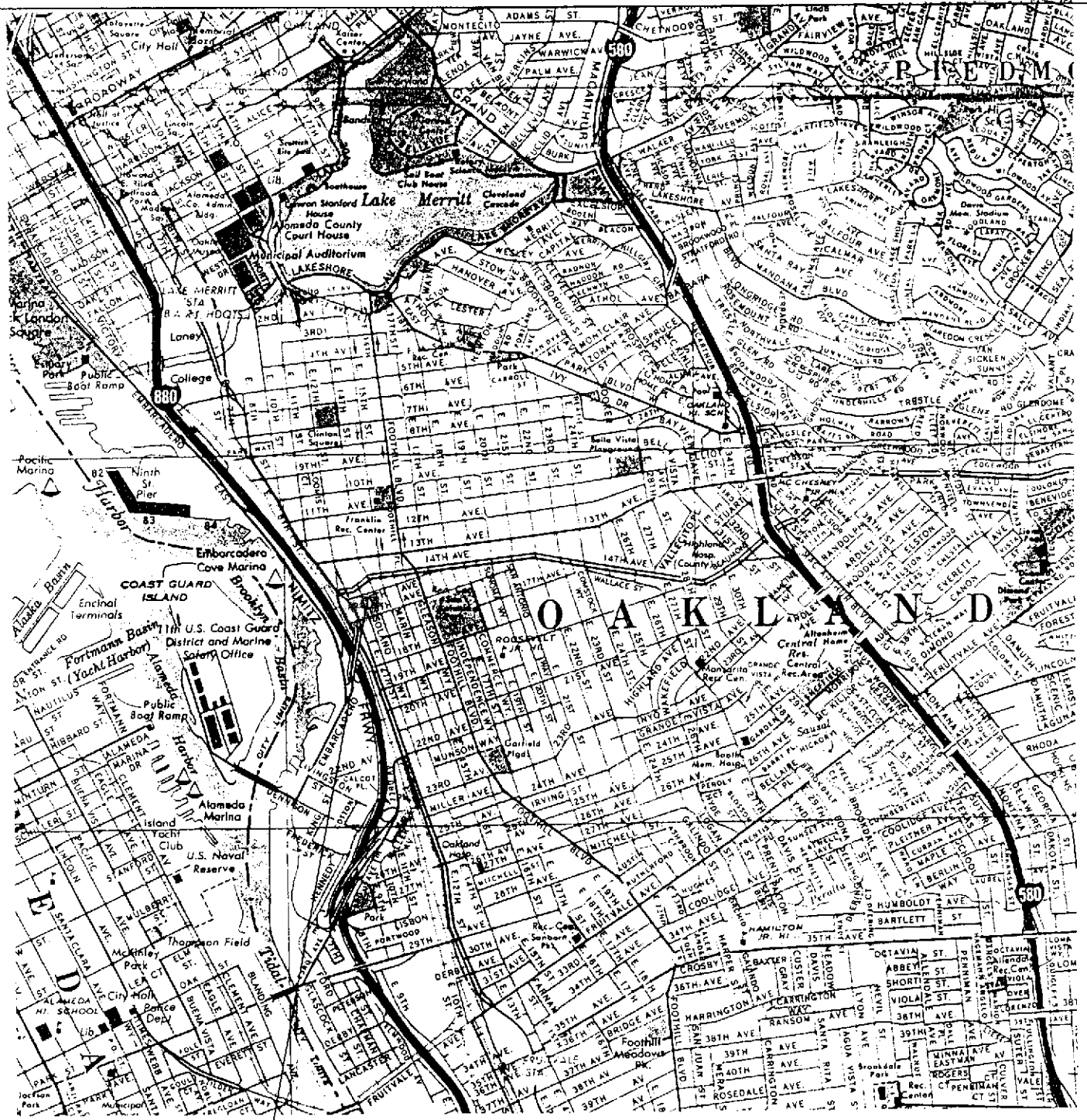
The Oakland General Tire facility presented in this report is located at 1201 14<sup>th</sup> Avenue, in Oakland, California, in the County of Alameda. Prior to 1991, General Tire had an active facility at this location. The facility was primarily associated with tire sales and installation, with some minor auto repair. Currently, this property is for sell and is vacant.

On the property is a single story, irregularly shaped building of approximately 9,400 square feet. It was built in 1960 and is situated along the north edge of a triangular shaped lot with dimensions of approximately 126' by 248' by 279'. Adjacent to the Oakland General Tire property is Style Center Cleaners, located at 1353 East 14<sup>th</sup> Street. Style Center Cleaners is an active facility and may be contributing to local groundwater contamination.

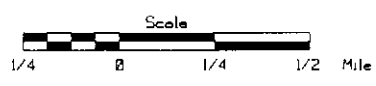
Across 14<sup>th</sup> Avenue and to the south is a restaurant located in what appears to have been a gas station. To the west are railroad tracks and the Nimitz Freeway. Beyond the Nimitz Freeway is the Port of Oakland. To the east and on the corner of East 12<sup>th</sup> Street and 14<sup>th</sup> Avenue is Armstrong Tire, which appears to operate a business similar to General Tire, Inc. Figure 1-1 presents the regional location of the Oakland General Tire facility.

Drawing GT211-10/92-F1-1 Figure 1-1

Drawn by M.J. 10-20-1992



GENERAL TIRE



Regional Location  
**GENERAL TIRE, INC.**  
 1201 14th Avenue  
 Oakland, California

Prepared by

**JONAS & ASSOCIATES INC.**

Date: 10-20-1992	Figure 1-1	Drawing Number GT211-10/92-F1-1
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## 2.0 FIELD ACTIVITIES AND RESULTS

This section discusses the relevant structures located at the facility prior to the excavation activities; scope of work; excavation activities performed, and analytical results.

### 2.1 Relevant Structures at the Facility Prior to Field Activities

Prior to the recent (1998) field activities, ~~eight hydraulic lifts, three hydraulic oil reservoirs and one alignment pit were located at the service area of the facility. Figure 2-1 presents the layout of the facility and the hydraulic lifts locations. Figures 2-2a and 2-2b show schematic diagrams of the hydraulic lifts and the hydraulic oil reservoirs.~~ A general description of the above structures is presented below:

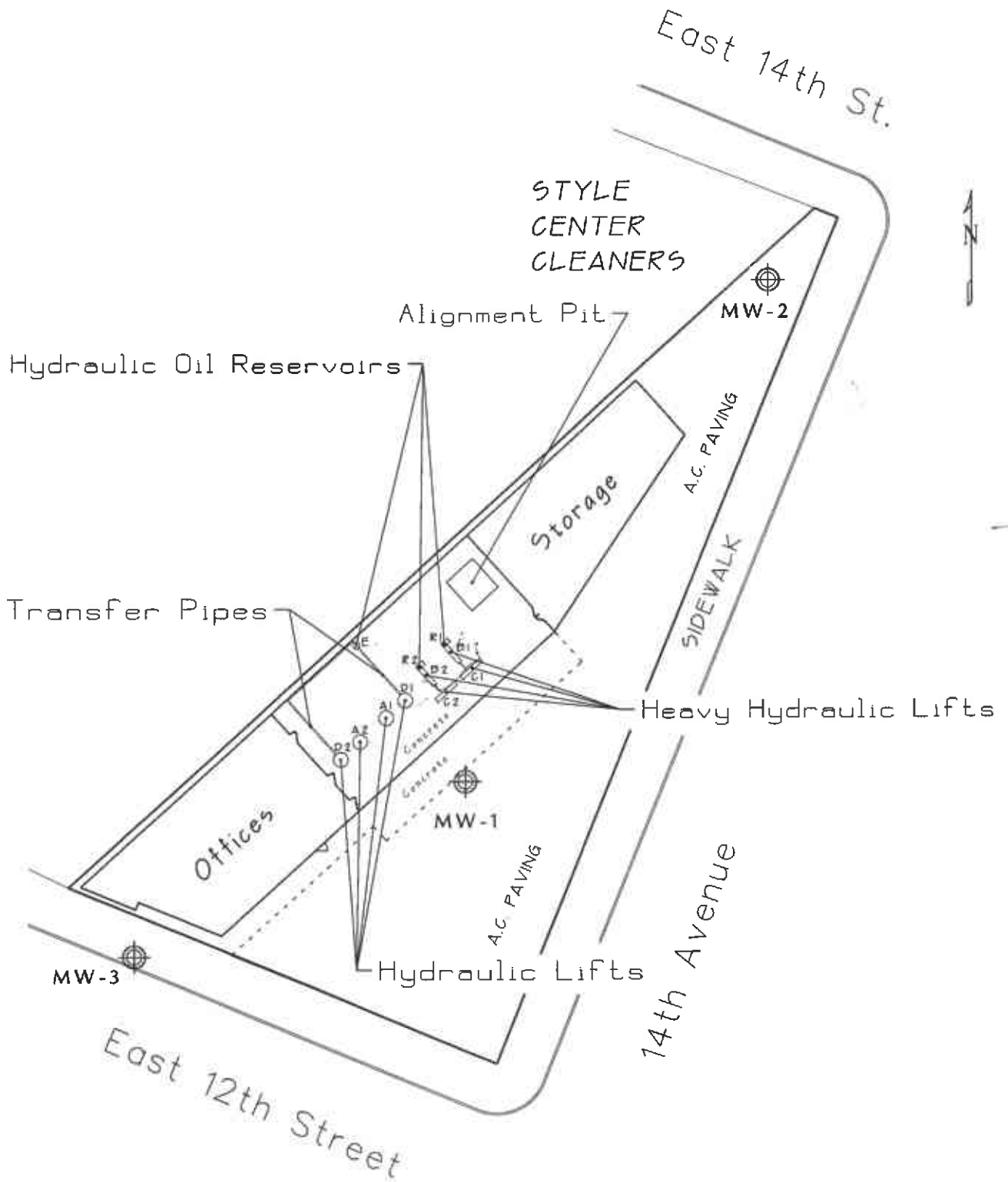
- Eight hydraulic lifts: four single (A1, A2, D1 and D2) and four heavy (B1, B2, C1, and C2) used for trucks (see Figures 2-2a and 2-2b). Two of the heavy hydraulic lifts (B1 and B2) were located inside two basins (sumps). Each basin is constructed of concrete walls. The bottom of the basins opens into the underlying soil (no concrete bottoms). *8 lift*
- Three approximately 18-gallon underground hydraulic oil reservoirs (E, R1 and R2). Two of the reservoirs (R1 and R2) were located inside the basins (one each) and one of the reservoirs (E) was located adjacent to the west wall of the building (See Figure 2-1). Reservoir E1 feeds hydraulic lifts D1 and D2. Reservoirs R1 and R2 feed the four heavy hydraulic lifts B1, B2, C1 and C2. Hydraulic lifts A1 and A2 were not connected to any of the reservoirs. Hydraulic oil was manually placed into the lifts. *3 Reser*
- One alignment pit with concrete walls and bottom. This pit was full of clear water with no oily sheen or odor. The roof of the adjacent room (storage area) has collapsed. The storage area opens into the service area where the alignment pit is located. It appears that the water in the pit may be associated with rainfall. *11*

### 2.2 Scope of Work

J&A was requested by General Tire to remove the hydraulic lifts and hydraulic oil reservoirs. Specific tasks included:

- Preparation and submittal of a hydraulic lift removal work plan to the Alameda County Health Care Services (County).





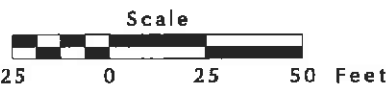
Legend:

- ⊕ Monitoring Well
- Hydraulic Equipment

### Former Layout of Facility

Continental General Tire  
 1201 14th Avenue  
 Oakland, California

Prepared by  
**JONAS & ASSOCIATES INC.**



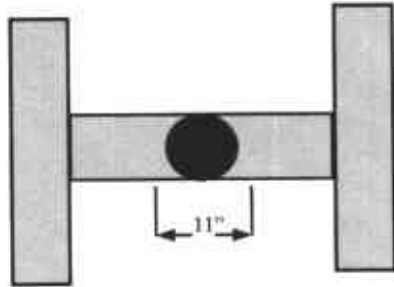
Date: 10/14/98  
 Locations Approx.

Figure 2-1

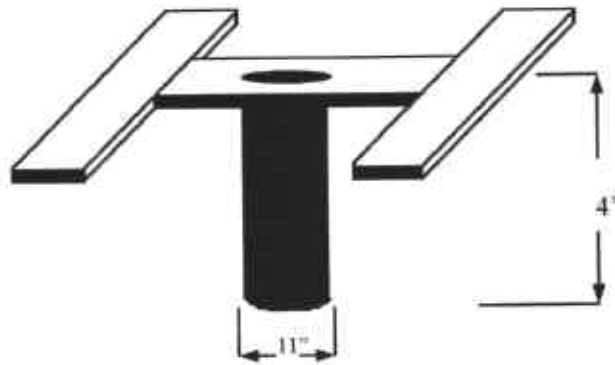
Drawing Number  
 GT213-10/98:F2-1

◆ TYPE (A) HYDRAULIC LIFTS

- . A1 Hydraulic Lift
- . A2 Hydraulic Lift



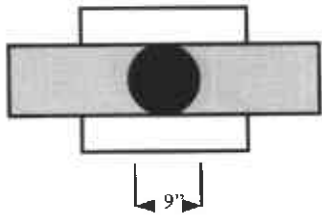
Top View



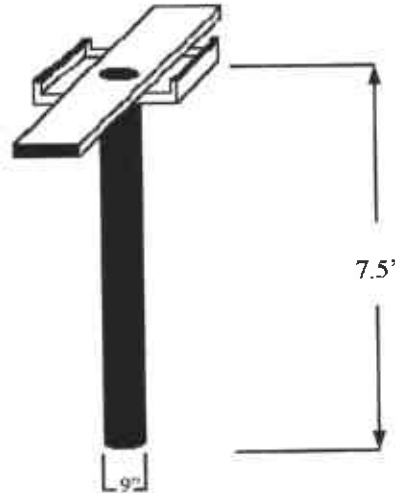
Side View

◆ TYPE (B) HYDRAULIC LIFTS

- . B1 Hydraulic Lift
- . B2 Hydraulic Lift



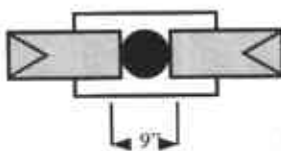
Top View



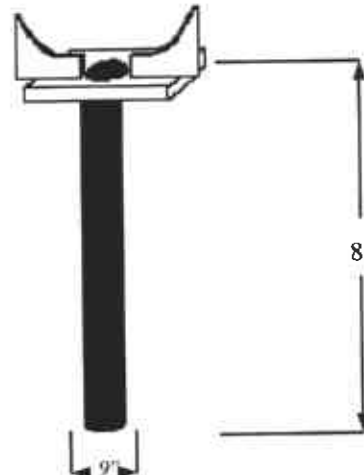
Side View

◆ TYPE (C) HYDRAULIC LIFTS

- . C1 Hydraulic Lift
- . C2 Hydraulic lift



Top View

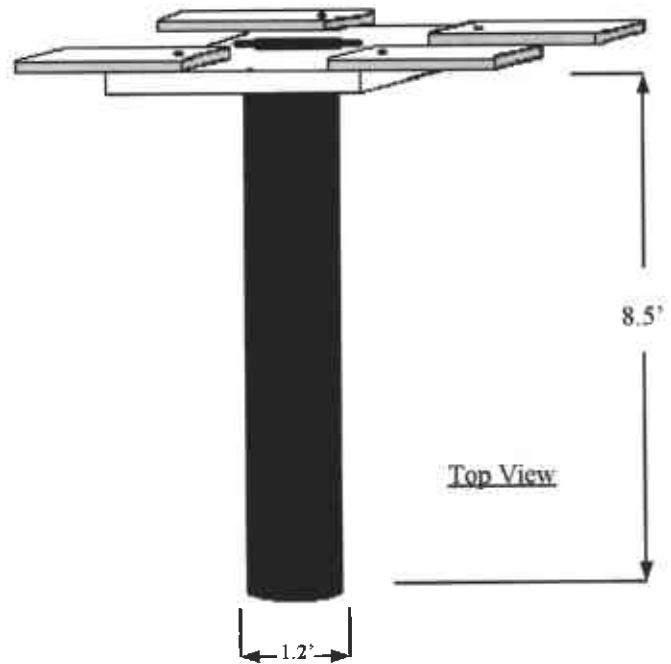
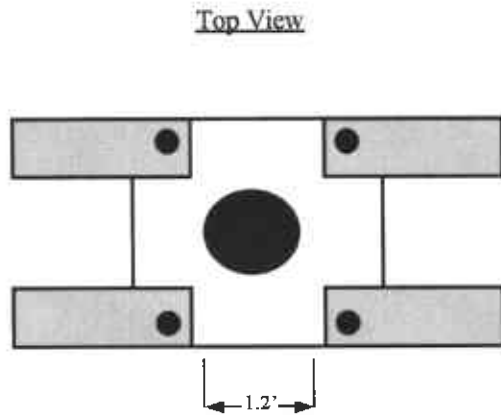


Side View

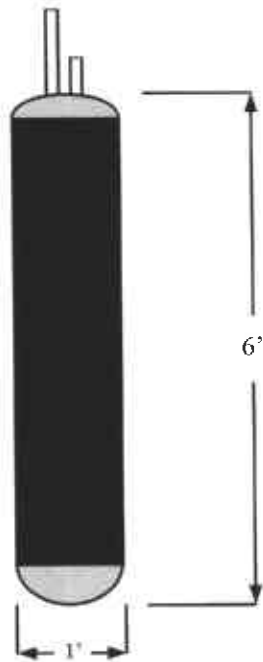
Figure 2-2a Schematic Diagram of The Hydraulic

◆ **TYPE (D) HYDRAULIC LIFTS**

- . D1 Hydraulic Lift
- . D2 Hydraulic lift



◆ **TYPE (E) HYDRAULIC RESERVOIR**



◆ **TYPE (R) HYDRAULIC RESERVOIR**

- . R1 Hydraulic Reservoirs
- . R2 Hydraulic Reservoirs

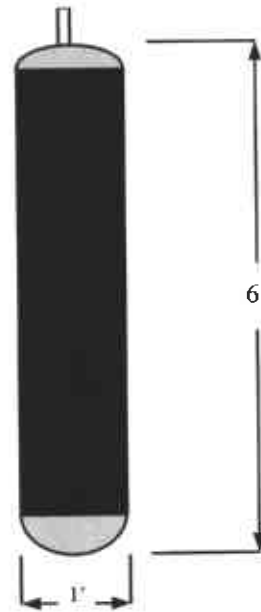


Figure 2-2 b Schematic Diagram of The Hydraulic Lifts and Hydraulic Reservoir

- Excavation and removal of all the hydraulic lifts and the hydraulic oil reservoirs.
- Excavation and removal of the connecting (2-inch diameter) pipes between the oil reservoirs and the hydraulic lifts.
- Dewatering and excavation of the solid material from the hydraulic lift basins, and dewatering of the alignment pit.
- Collection and analysis of groundwater and soil samples.
- Preparation of a report for submission to the County.

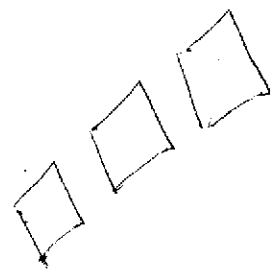
### 2.3 Field Activities

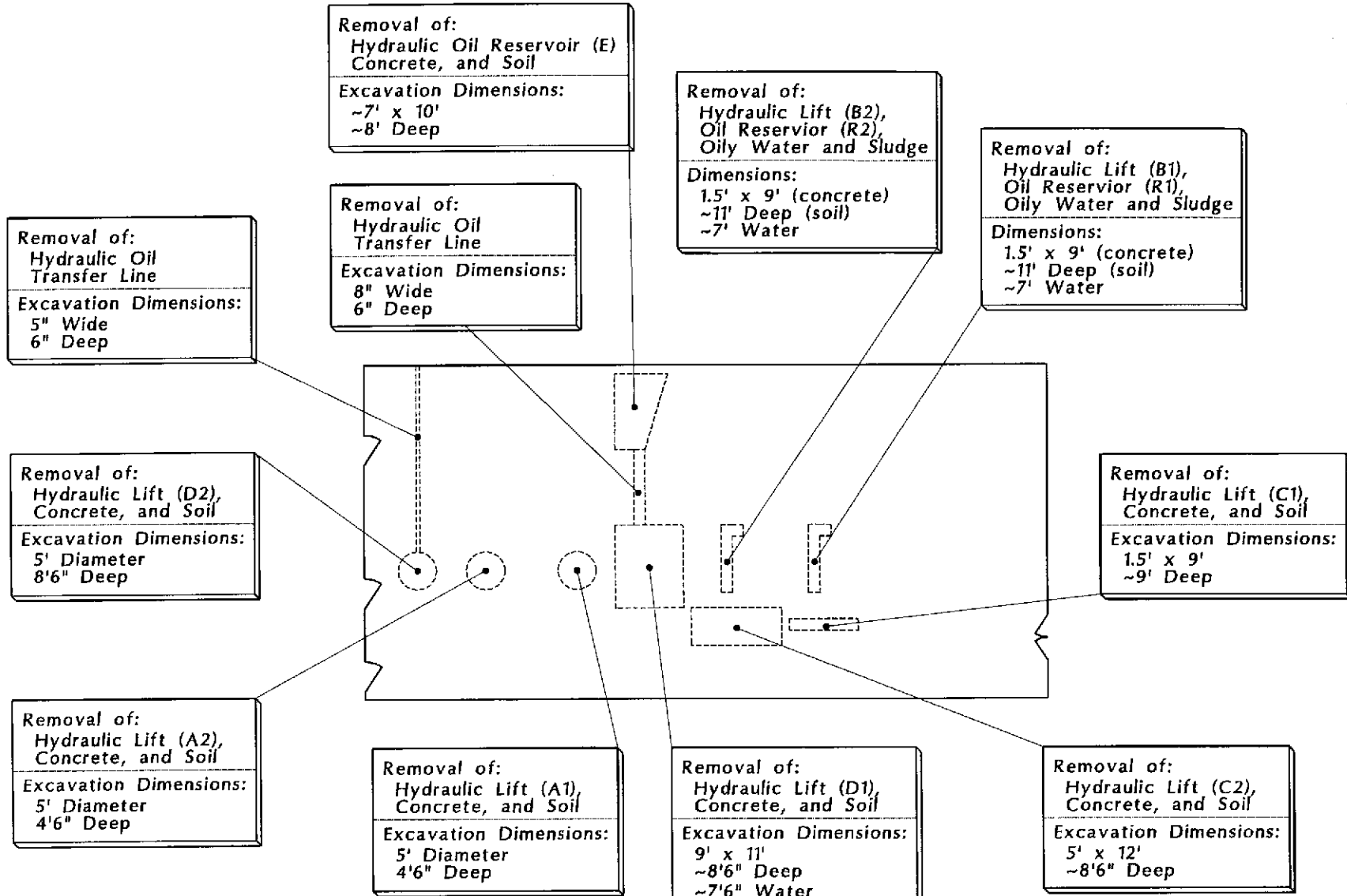
On June 24, 1998 "Workplan for Removal of Hydraulic Hoists" was prepared and submitted to Ms. Madhulla Logan of the County. In August of 1998, the workplan was approved by Ms. Logan. From June 1998 through October 1998 the following tasks were performed:

- Liquid accumulated in the two hydraulic lift basins was pumped out and placed in 55-gallon steel drums. At a later time, the water portion of the drums was pumped and treated/disposed off-site by Integrated Waste Management Inc. (IWM).
- Water from the alignment pit was pumped and transported off-site for treatment/disposal by IWM.
- The concrete around the hydraulic lifts was cut.
- Four single (A1, A2, D1 and D2) and four heavy (B1, B2, C1, and C2) hydraulic lifts and three hydraulic oil reservoirs (E, R1 and R2) were excavated. No holes were observed in the hydraulic lifts and in the hydraulic oil reservoirs.
- The pipes connecting the hydraulic oil reservoirs to the hydraulic lifts were removed.
- The hydraulic lifts and the hydraulic oil reservoirs were cut and drained of oil and the hydraulic oil was placed in 55-gallon steel drums. Later the hydraulic lifts were transported to metal recycling facilities.

- Soil around the hydraulic lifts was excavated. Figure 2-3 presents the dimensions of the excavated areas.
- On September 2-3, 1998 nine soil samples were collected from the bottom of the excavation pits. The samples were retrieved via a backhoe. These samples were analyzed by ChromaLab, Inc., for the following parameters:
  - » Total Extractable Petroleum Hydrocarbons as diesel, kerosene, and motor oil (TEPH-d,k,mo): EPA Method 8015M.
  - » Total Petroleum Hydrocarbon as Gasoline: Method 8015Mod.
  - » Polynuclear Aromatic Hydrocarbons (PAHs): SW846 Method 8270A Nov. 1990.
  - » Miscellaneous Metals: EPA Methods 3010A/3050A/6010A Nov. 1990 (LUFT Metals).
  - » Volatile Organics by GC/MS: SW846 Method 8260A Sept. 1994.
- On September 2, 1998 two water samples were collected from the two heavy hydraulic lift basins. The liquid samples were analyzed for the same parameters as the soil samples.
- Since the soil samples collected from the excavation pits of the hydraulic lifts "C2", "D1", and hydraulic reservoir "E," detected greater than 2,000 mg/kg of motor oil, General Tire decided to over-excavate in these areas. On October 5, 1998 these areas were over-excavated by J&A. The excavation did not exceed the depth to groundwater.
- After over-excavation, one soil sample was collected from each of the areas. The samples were analyzed for TEPH-d,k,m, and LUFT metals.
- On October 13, 1998 one groundwater sample was collected from each of the three existing groundwater wells located at the facility. The purpose of these samples was to determine presence and/or the absence of the petroleum hydrocarbons previously detected in the soil samples collected from the excavation pits.

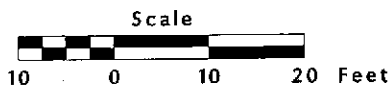
*1100 mistake*





Legend:

 Excavation



Continental General Tire  
1201 14th Avenue  
Oakland, California

Removal and Excavation  
Activities

Date: 10/14/98  
Locations Approx.

Figure 2-3

Drawing Number  
GT213-10/98:F2-3

### 3.0 ANALYTICAL RESULTS

Analytical results for the twelve soil, two water, and three groundwater samples are presented below.

#### 3.1 Soil Sample Results

Petroleum hydrocarbons (12 mg/kg to 3300 mg/kg), heavy metals (1.7 mg/kg to 300 mg/kg), and volatile organics (0.014 mg/kg to 0.11 mg/kg) have been detected in the soil samples collected from the excavation pits.

Table 3-1 in Appendix A is a summary of detected parameters in the soil samples collected on September 2-3, 1998. Table 3-2 presents a summary of detected parameters in the soil samples collected on October 5, 1998. Figure 3-1 presents sample numbers and locations and a list of analyses performed. Appendix B contains laboratory analytical reports for the soil samples.

#### 3.2 Water Sample Results

Petroleum hydrocarbons (32 mg/l to 5200 mg/l), Naphthalene (0.017 mg/l), and heavy metals (0.0081 mg/l to 1.2 mg/l) have been detected in the water samples collected from the hydraulic lift basins.

Table 3-3 is a summary of detected parameters in the water samples collected on September 2, 1998. Figure 3-2 presents sample locations and detected analytes. Appendix C contains laboratory analytical reports for the water samples.

Petroleum hydrocarbon in the diesel range (0.14 mg/l) has been detected in the groundwater monitoring well GT3-MW1. Table 3-4 presents the analytical results for the groundwater samples.

Figure 3-3 presents groundwater monitoring well locations and time-series of groundwater results. Depth to groundwater measured on October 13, 1998 ranged from 8.4 feet below ground surface (bgs) to 9.5 feet bgs.

**Table 3-1  
Detected Constituents in Soil Samples  
Collected September 2-3, 1998  
Continental General Tire Oakland Facility**

Sample Number	Kerosene (mg/kg)	Diesel (mg/kg)	Motor Oil (mg/kg)	Acetone (mg/kg)	Benzo (A) Pyrene (mg/kg)	Tetrachloroethene (mg/kg)	Total Xylene (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Zinc (mg/kg)
A1Soil-4'6"	ND (1.0)	12*	170*	ND (0.05)	ND (0.5)	ND (0.005)	ND (0.01)	ND (0.5)	8.1	22	8.9	55
A2Soil-4'6"	ND (10)	56	520	ND (0.05)	ND (0.5)	ND (0.005)	ND (0.01)	ND (0.5)	20	16	33	100
B1Soil-11'	ND (1.0)	79	130	ND (0.05)	ND (0.05)	ND (0.005)	ND (0.01)	ND (0.50)	56	15	38	38
B2Soil-11'	ND (1.0)	18	ND (50)	0.057	ND (0.05)	ND (0.005)	ND (0.01)	ND (0.5)	26	37	27	61
C1Soil-9'	ND (1.0)	320	480	ND (0.05)	ND (0.05)	ND (0.005)	ND (0.01)	ND (0.50)	19	31	21	51
C2Soil-8'6"	ND (50)	360	2000	ND (0.25)	ND (0.05)	ND (0.025)	ND (0.05)	1.7	33	150	39	160
D1Soil-8'6"	ND (50)	1000	2200	ND (0.05)	ND (0.05)	ND (0.005)	ND (0.01)	ND (0.5)	23	17	20	35
D2Soil-8'6"	ND (1.0)	62	160	ND (0.05)	0.11	ND (0.005)	ND (0.01)	ND (0.5)	20	28	28	60
Esoil-8'	ND (10)	1800	2300	ND (0.05)	ND (0.5)	0.014	0.014	ND (0.50)	24	37	28	300

Note: Samples analyzed by ChromaLab, Inc.

Total Extractable Petroleum Hydrocarbon: EPA Method 8015M.

\* Hydrocarbon reported is in the late Diesel Range and does not match ChromaLab, Inc.'s Diesel standard. Surrogate was diluted out.

Polynuclear Aromatic Hydrocarbons (PAHs): SW846 Method 8270A November 1990.

Miscellaneous Metals: 3010A/3050A/6010A November 1990.

Volatile Organics by GC/MD: SW846 Method 8260A September 1994.

Total Petroleum Hydrocarbon as Gasoline: Method 8015M.



**Table 3-2  
Detected Constituents in Soil Samples  
Collected October 5, 1998  
Continental General Tire Oakland Facility**

Sample Number	Kerosene (mg/kg)	Diesel (mg/kg)	Motor Oil (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Zinc (mg/kg)
C2Soil-8.5'	ND (100)	1500	3300	ND (0.5)	26	18	38	91
D1Soil-8.5'	ND (5)	180	450	ND (0.5)	18	25	19	47
Esoil-8.5'	ND (5)	90	240	ND (0.50)	20	53	28	78

Note: Samples analyzed by ChromaLab, Inc.

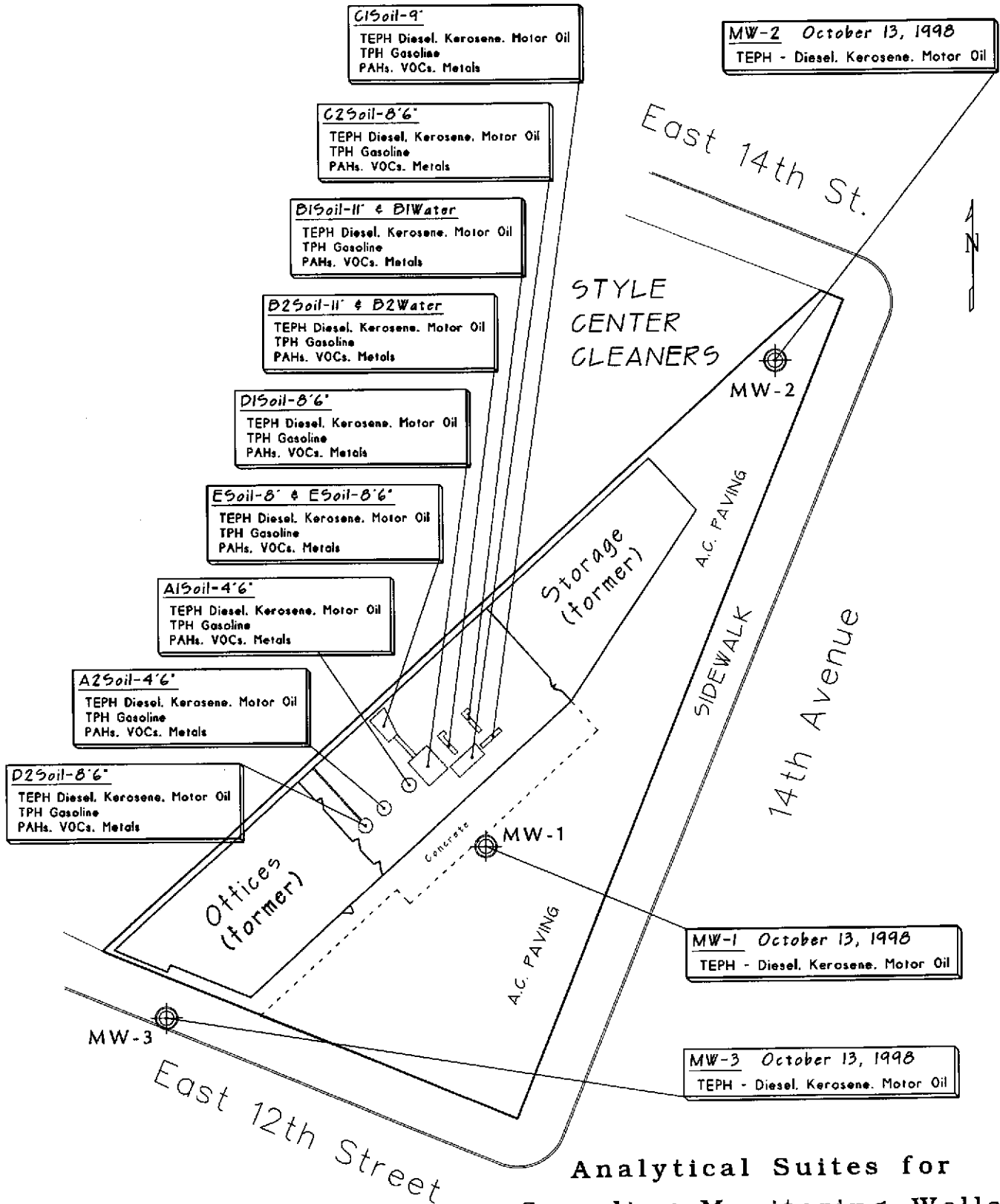
Total Extractable Petroleum Hydrocarbon: EPA Method 8015M.

Hydrocarbon reported is in the late Diesel Range and does not match ChromaLab, Inc.'s Diesel standard. Surrogate was diluted out.

Miscellaneous Metals: 3010A/3050A/6010A November 1990.

Total Petroleum Hydrocarbon as Gasoline: Method 8015M.

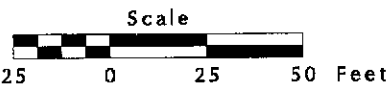
*Confirmation  
Soil sample  
for C2, D1  
& E, since  
initial soil  
samples for  
diesel - higher  
& motor oil - higher  
than 1000  
than 2000.*



Legend:

⊕ Monitoring Well  
 With groundwater analyses performed during Round Six (10-13-1998)

▭ Excavation



**Analytical Suites for  
 Sampling Monitoring Wells  
 and Excavations**

Continental General Tire  
 1201 14th Avenue  
 Oakland, California

Prepared by  
**JONAS & ASSOCIATES INC.**

Date: 10/14/98  
 Locations Approx.

**Figure 3-1**

Drawing Number  
 GT213-10/98:F3-1

**Table 3-3**  
**Detected Constituents in Groundwater Samples**  
**Collected September 2, 1998**  
**Continental General Tire Oakland Facility**

Sample Number	Kerosene (mg/l)	Diesel (mg/l)	Motor Oil (mg/l)	Naphthalene (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Lead (mg/l)	Nickel (mg/l)	Zinc (mg/l)
B1Water	ND (100)	3700*	5200*	ND (0.05)	0.012	0.060	1.2	0.073	0.89
B2Water	ND (5)	32	53	0.017	0.0081	0.065	0.38	0.073	0.56

Note: Samples analyzed by ChromaLab, Inc.

Total Extractable Petroleum Hydrocarbon: EPA Method 8015M.

\* Hydrocarbon reported is in the late Diesel Range and does not match the pattern of ChromaLab, Inc.'s Diesel standard.

Polynuclear Aromatic Hydrocarbons (PAHs): SW846 Method 8270A November 1990.

Miscellaneous Metals: 3010A/3050A/6010A November 1990.

Volatile Organics by GC/MD: SW846 Method 8260A September 1994.

Total Petroleum Hydrocarbon as Gasoline: Method 8015M.

**Table 3-4**  
**Summary of Detected Concentrations in Groundwater Monitoring Wells**  
**Continental General Tire Oakland Facility**

Well	Sampling Round & Date	Detected Analytes {mg/L}													
		TEPH-Diesel	TEPH-Kerosene	TEPH-Motor Oil	Chloroform	1,1-DCA	1,1-DCE	cis 1,2-DCE	trans 1,2-DCE	1,1,2,2-PCA	PCE	1,1,1-TCA	1,1,2-TCA	TCE	VC
MW-1	Round One (10/5/93)	ND(0.050)	ND(0.050)	ND(0.5)	ND(0.0005)	0.0013	ND(0.0005)	0.00070	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
	Round Two (6/17/94)	ND(0.050)	ND(0.050)	ND(0.5)	ND(0.0005)	ND(0.0005)	ND(0.0005)	0.00033	ND(0.0005)	0.00058	ND(0.0005)	ND(0.0005)	0.00057	ND(0.0005)	ND(0.0005)
	Round Three (5/17/95)	ND(0.050)	ND(0.050)	ND(0.500)	ND(0.0005)	0.0060	ND(0.0005)	0.0042	ND(0.0005)	ND(0.0005)	ND(0.0005)	0.0006	ND(0.0005)	0.0013	ND(0.0005)
	Round Four (8/10/95)	ND(0.050)	ND(0.050)	ND(0.500)	ND(0.0005)	0.0010	ND(0.0005)	0.0010	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
	Round Five (8/22/96)	0.050	ND(0.050)	ND(0.500)	0.00080	0.00060	ND(0.0005)	0.00090	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
	Round Six (10/13/98)	0.140	ND(0.050)	ND(0.500)											
MW-2	Round One	ND(0.050)	0.490	0.7	ND(0.0005)	ND(0.0005)	0.0010	0.031	ND(0.0005)	ND(0.0005)	0.040	ND(0.0005)	ND(0.0005)	0.046	0.0015
	Round Two	ND(0.050)	ND(0.050)	ND(0.5)	ND(0.0005)	ND(0.0005)	0.0017	0.048	0.0013	ND(0.0005)	0.044	ND(0.0005)	ND(0.0005)	0.087	0.0053
	Round Three	ND(0.050)	ND(0.050)	ND(0.500)	ND(0.0005)	ND(0.0005)	ND(0.0005)	0.013	ND(0.0005)	ND(0.0005)	0.0044	ND(0.0005)	ND(0.0005)	0.017	ND(0.0005)
	Round Four	ND(0.050)	ND(0.050)	ND(0.500)	ND(0.0005)	ND(0.0005)	ND(0.0005)	0.017	ND(0.0005)	ND(0.0005)	0.0060	ND(0.0005)	ND(0.0005)	0.026	0.0020
	Round Five	ND(0.050)	ND(0.050)	ND(0.500)	0.0012	ND(0.0005)	0.00080	0.026	0.00070	ND(0.0005)	0.016	ND(0.0005)	ND(0.0005)	0.064	0.0023
	Round Six	ND(0.050)	ND(0.050)	ND(0.500)											
MW-3	Round One	ND(0.050)	ND(0.050)	ND(0.5)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
	Round Two	ND(0.050)	ND(0.050)	ND(0.5)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
	Round Three	ND(0.050)	ND(0.050)	ND(0.500)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
	Round Four	ND(0.050)	ND(0.050)	ND(0.500)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
	Round Five	ND(0.050)	ND(0.050)	ND(0.500)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
	Round Six	ND(0.050)	ND(0.050)	ND(0.500)											

**Legend -** TEPH: Total Extractable Petroleum Hydrocarbons  
1,1-DCA: 1,1-Dichloroethane  
1,1-DCE: 1,1-Dichloroethene  
1,2-DCE: 1,2-Dichloroethene  
1,1,2,2-PCA: Tetrachloroethane

PCE: Tetrachloroethene  
1,1,1-TCA: 1,1,1-Trichloroethane  
1,1,2-TCA: 1,1,2-Trichloroethane  
TCE: Trichloroethene  
VC: Vinyl Chloride

E Soil-8' & -8'6"		
Analyte	Results	Date
Diesel	1800 mg/kg	9/2/98
Motor Oil	2300 mg/kg	9/2/98
Metals (5)	ND-300 mg/kg	9/2/98
Tetrachloroethene	0.014 mg/kg	9/2/98
Total Xylenes	0.014 mg/kg	9/2/98
Diesel	90 mg/kg	10/5/98
Motor Oil	240 mg/kg	10/5/98
Metals (5)	ND-78 mg/kg	10/5/98

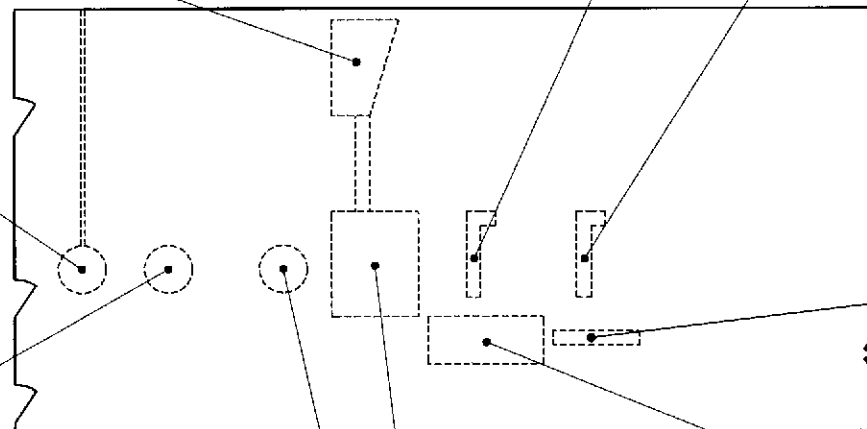
*PCE  
concern  
O.K.*

B2 Soil-11'		
Analyte	Results	Date
Diesel	18 mg/kg	9/3/98
Acetone	0.057 mg/kg	9/3/98
Metals (5)	ND-61 mg/kg	9/3/98

B2 Water		
Analyte	Results	Date
Diesel	32 mg/L	9/2/98
Motor Oil	53 mg/L	9/2/98
Naphthalene	0.17 mg/L	9/2/98
Metals(5)	0.008-0.56 mg/L	9/2/98

B1 Soil-11'		
Analyte	Results	Date
Diesel	79 mg/kg	9/2/98
Motor Oil	130 mg/kg	9/2/98
Metals (5)	ND-56 mg/kg	9/2/98

B1 Water		
Analyte	Results	Date
Diesel	3700 mg/L	9/2/98
Motor Oil	5200 mg/L	9/2/98
Metals(5)	0.012-1.2 mg/L	9/2/98



D2 Soil-8'6"		
Analyte	Results	Date
Diesel	62 mg/kg	9/3/98
Motor Oil	160 mg/kg	9/3/98
Metals (5)	ND-60 mg/kg	9/3/98
Benzo(a)pyrene	0.11 mg/kg	9/3/98

C1 Soil-9'		
Analyte	Results	Date
Diesel	320 mg/kg	9/2/98
Motor Oil	480 mg/kg	9/2/98
Metals (5)	ND-51 mg/kg	9/2/98

A2 Soil-4'6"		
Analyte	Results	Date
Diesel	56 mg/kg	9/3/98
Motor Oil	520 mg/kg	9/3/98
Metals (5)	ND-100 mg/kg	9/3/98

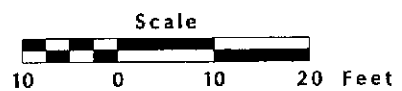
A1 Soil-4'6"		
Analyte	Results	Date
Diesel	12 mg/kg	9/3/98
Motor Oil	170 mg/kg	9/3/98
Metals (5)	ND-55 mg/kg	9/3/98

D1 Soil-8'6"		
Analyte	Results	Date
Diesel	1000 mg/kg	9/2/98
Motor Oil	2200 mg/kg	9/2/98
Metals (5)	ND-35 mg/kg	9/2/98
Diesel	180 mg/kg	10/5/98
Motor Oil	450 mg/kg	10/5/98
Metals (5)	ND-47 mg/kg	10/5/98

C2 Soil-8'6"		
Analyte	Results	Date
Diesel	360 mg/kg	9/2/98
Motor Oil	2000 mg/kg	9/2/98
Metals (5)	1.7-160 mg/kg	9/2/98
Diesel	1500 mg/kg	10/5/98
Motor Oil	3300 mg/kg	10/5/98
Metals (5)	ND-91 mg/kg	10/5/98

Legend:

Excavation



Continental General Tire  
1201 14th Avenue  
Oakland, California

Detected Analytes  
in Excavation Areas

Date: 10/14/98  
Locations Approx.

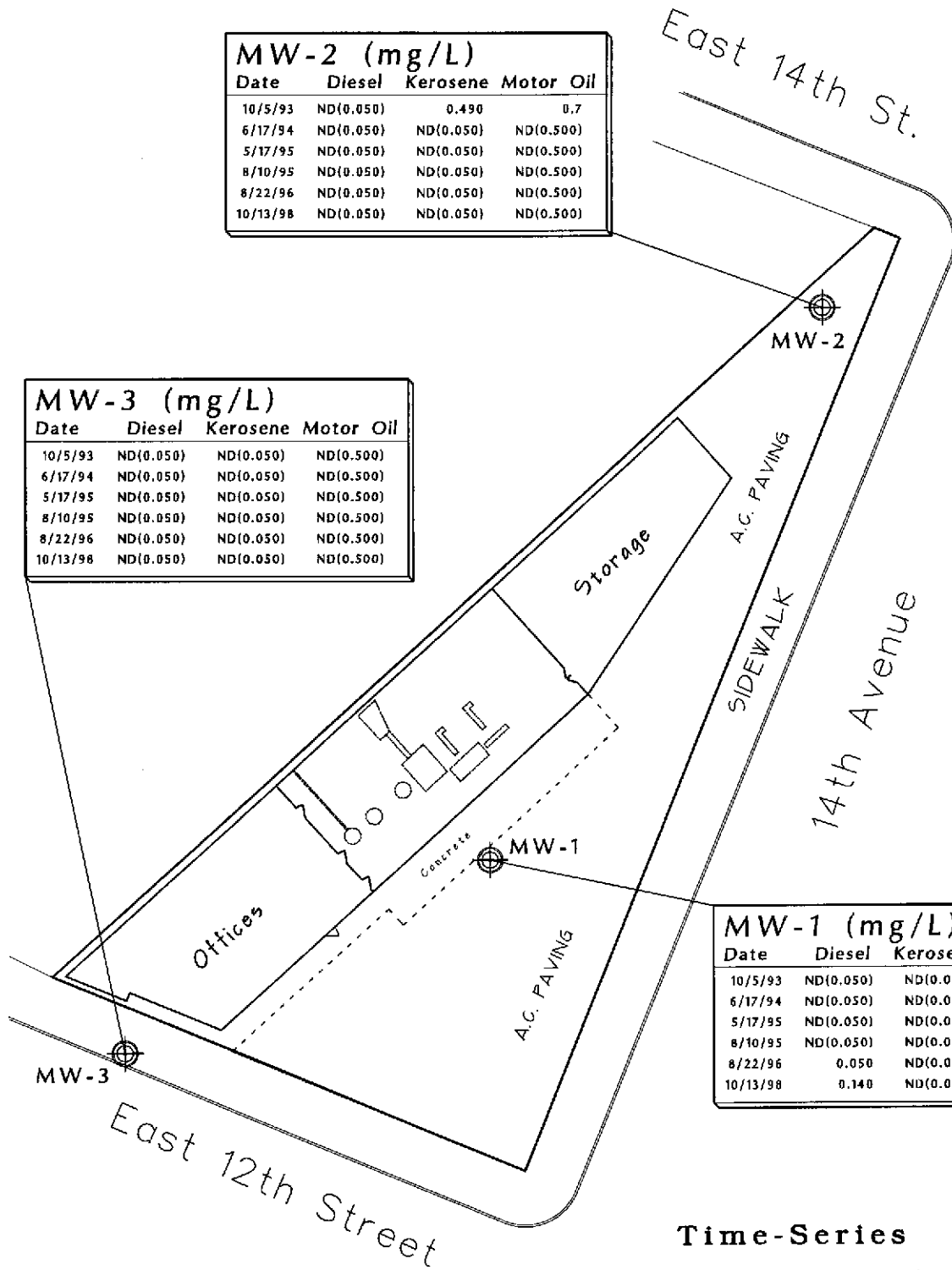
Figure 3-2

Drawing Number  
GT213-10/98:FS-2

MW-2 (mg/L)			
Date	Diesel	Kerosene	Motor Oil
10/5/93	ND(0.050)	0.490	0.7
6/17/94	ND(0.050)	ND(0.050)	ND(0.500)
5/17/95	ND(0.050)	ND(0.050)	ND(0.500)
8/10/95	ND(0.050)	ND(0.050)	ND(0.500)
8/22/96	ND(0.050)	ND(0.050)	ND(0.500)
10/13/98	ND(0.050)	ND(0.050)	ND(0.500)

MW-3 (mg/L)			
Date	Diesel	Kerosene	Motor Oil
10/5/93	ND(0.050)	ND(0.050)	ND(0.500)
6/17/94	ND(0.050)	ND(0.050)	ND(0.500)
5/17/95	ND(0.050)	ND(0.050)	ND(0.500)
8/10/95	ND(0.050)	ND(0.050)	ND(0.500)
8/22/96	ND(0.050)	ND(0.050)	ND(0.500)
10/13/98	ND(0.050)	ND(0.050)	ND(0.500)

MW-1 (mg/L)			
Date	Diesel	Kerosene	Motor Oil
10/5/93	ND(0.050)	ND(0.050)	ND(0.500)
6/17/94	ND(0.050)	ND(0.050)	ND(0.500)
5/17/95	ND(0.050)	ND(0.050)	ND(0.500)
8/10/95	ND(0.050)	ND(0.050)	ND(0.500)
8/22/96	0.050	ND(0.050)	ND(0.500)
10/13/98	0.140	ND(0.050)	ND(0.500)



Legend:

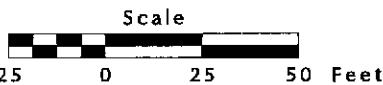
⊕ Monitoring Well

▭ Excavation

**Time-Series  
Groundwater Results for  
TEPH Diesel, Kerosene, Motor Oil**

Continental General Tire  
1201 14th Avenue  
Oakland, California

Prepared by  
**JONAS & ASSOCIATES INC.**



Date: 10/14/98  
Locations Approx.

**Figure 3-3**

Drawing Number  
GT213-10/98:F3-3

#### 4.0 CONCLUSION AND RECOMMENDATION

Elevated concentrations of TEPH-Diesel and TEPH-Motor Oil were detected in soil and water sampled from the excavations. Several metals, and a few volatiles and semi-volatiles were also detected.

TEPH-Diesel was detected only in the groundwater monitoring well MW-1. It appears that the contaminant plume is slow moving and may be contained on-site.

Currently there are nine excavation pits at the facility. Further excavation of the unsaturated soil would probably not significantly aid in controlling the possible source area. Therefore, General Tire requests permission to backfill the excavation pits and perform semi-annual groundwater monitoring for TEPH-d,k,m.

**APPENDIX A**  
**SUMMARY TABLES OF LABORATORY RESULTS**



GASOLINE/TEPH GROUND WATER RESULTS  
OAKLAND GENERAL TIRE

Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	Gasoline (8015Mod) (mg/L)	TEPH-Diesel (3510/8015) (mg/L)	TEPH-Kerosene (3510/8015) (mg/L)	TEPH-Motor Oil (3510/8015) (mg/L)
<u>Hydraulic Hoist B1</u>								
B1 Water	9/2/98	11'	water	CrLab	ND(0.05)	3700 ppm	ND(100)	5200
<u>Hydraulic Hoist B2</u>								
B2 Water	9/2/98	11'	water	CrLab	ND(0.05)	32	ND(5)	53
<u>Monitoring Well MW1</u>								
GT3-MW1	10/13/98	5½'-15½' <sub>screen</sub>	water	CrLab	-	0.14	ND(0.05)	ND(0.05)
<u>Monitoring Well MW2</u>								
GT3-MW2	10/13/98	5½'-15½' <sub>screen</sub>	water	CrLab	-	ND(0.05)	ND(0.05)	ND(0.05)
<u>Monitoring Well MW3</u>								
GT3-MW3	10/13/98	5½'-15½' <sub>screen</sub>	water	CrLab	-	ND(0.05)	ND(0.05)	ND(0.05)

## notes:

TEPH: Total Extractable Petroleum Hydrocarbons

ND(50) = Not Detected above the laboratory detection limit in parentheses.

Hydrocarbon reported is in the late Diesel Range and does not match Chromalab's Diesel Standard.

GASOLINE/TEPH SOIL RESULTS  
OAKLAND GENERAL TIRE

Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	Gasoline (8015Mod) (mg/kg)	TEPH-Diesel (3510/8015) (mg/kg)	TEPH-Kerosene (3510/8015) (mg/kg)	TEPH-Motor Oil (3510/8015) (mg/kg)
<u>Hydraulic Hoist B1</u>								
B1 Soil-11'	9/2/98	11'	soil	CrLab	ND(1.0)	79	ND(1.0)	130
<u>Hydraulic Hoist B2</u>								
B2 Soil-11'	9/2/98	11'	soil	CrLab	ND(1.0)	18	ND(1.0)	ND(50)
<u>Hydraulic Hoist D1</u>								
D1 Soil-8'6"	9/2/98	8'6"	soil	CrLab	ND(1.0)	1000	ND(50)	2200
D1 Soil-8'6"	10/5/98	8'6"	soil	CrLab	-	180	ND(5.0)	450
<u>Hydraulic Hoist D2</u>								
D2 Soil-8'6"	9/3/98	8'6"	soil	CrLab	ND(1.0)	62	ND(1.0)	160
<u>Hydraulic Hoist A1</u>								
A1 Soil-4'6"	9/3/98	4'6"	soil	CrLab	ND(1.0)	12	ND(1.0)	170
<u>Hydraulic Hoist A2</u>								
A2 Soil-4'6"	9/2/98	4'6"	soil	CrLab	ND(1.0)	56	ND(10)	520
<u>Hydraulic Hoist C1</u>								
C1 Soil-9'	9/2/98	9'	soil	CrLab	ND(1.0)	320	ND(1.0)	480
<u>Hydraulic Hoist C2</u>								
C2 Soil-8'6"	9/2/98	8'6"	soil	CrLab	ND(1.0)	360	ND(50)	2000
C2 Soil-8'6"	10/5/98	8'6"	soil	CrLab	-	1500	ND(100)	3300
<u>Hydraulic Reservoir E</u>								
E Soil-8'	9/2/98	8'	soil	CrLab	ND(1.0)	1800	ND(10)	2300
E Soil-8'6"	10/5/98	8'6"	soil	CrLab	-	90	ND(5.0)	240

notes:

TEPH: Total Extractable Petroleum Hydrocarbons

ND(100) = Not Detected above the laboratory detection limit in parentheses.

Hydrocarbon reported is in the late Diesel Range and does not match our Diesel Standard.

*Soil C2, -1500, 3300 -  
Water table - B1, B2 was  
not sampled. How come  
depth is same!  
Natural  
excavation  
is 8 to 9 ft*

VOLATILE ORGANIC COMPOUND GROUND WATER RESULTS  
OAKLAND GENERAL TIRE  
{mg/L}

Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	Acetone	Benzene	Bromodichloro-methane	Bromoform	Bromo-methane	Carbon Tetrachloride	Chloro-benzene	Chloro-ethane	2-Butanone (MEK)	2-Chloroethyl-Vinylether	Chloroform
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Hydraulic Lift B1

B1 Water	9/2/98	11'	water	CrLab	ND(500)	ND(5.0)	ND(5.0)	ND(5.0)	ND(10)	ND(5.0)	ND(5.0)	ND(10)	ND(500)	ND(5.0)	ND(5.0)
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Hydraulic Lift B2

B2 Water	9/2/98	11'	water	CrLab	ND(500)	ND(5.0)	ND(10)	ND(5.0)	ND(10)	ND(5.0)	ND(5.0)	ND(10)	ND(500)	ND(5.0)	ND(5.0)
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Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	Chloro-methane	Dibromo-chloromethane	1,2-Dichloro-benzene	1,3-Dichloro-benzene	1,4-Dichloro-benzene	1,2-Dibromo-3-chloropropane	1,2-Dibromo-ethane	Dibromo-methane	Dichlorodi-fluoromethane	1,1-Dichloro-ethane	1,2-Dichloro-ethene
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Hydraulic Lift B1

B2 Water	9/2/98	11'	water	CrLab	ND(10)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(50)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)
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Hydraulic Lift B2

B1 Water	9/2/98	11'	water	CrLab	ND(10)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(50)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)
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Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	1,1-Dichloro-ethene	(cis) 1,2-Dichloroethene	(trans) 1,2-Dichloroethene	1,2-Dichloro-propane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Ethyl-benzene	2-Hexanone	Methylene Chloride	4-Methyl-2-Pentanone(MIBK)	Naphthalene
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Hydraulic Lift B1

B1 Water	9/2/98	11'	water	CrLab	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(500)	ND(50)	ND(500)	ND(10)
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Hydraulic Lift B2

B2 Water	9/2/98	11'	water	CrLab	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(500)	ND(50)	ND(500)	17
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Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	Styrene	1,1,2,2-Tetra-Chloroethane	Tetra-chloroethene	Toluene	1,1,1-Tri-chloroethane	1,1,2-Tri-chloroethane	Tri-chloroethene	1,1,1,2-Tetra-chloroethane	Vinyl Acetate	Vinyl Chloride	Total Xylenes
-------------	---------------	--------------	--------	-----	---------	----------------------------	--------------------	---------	------------------------	------------------------	------------------	----------------------------	---------------	----------------	---------------

Hydraulic Lift B1

B1 Water	9/2/98	11'	water	CrLab	ND(5.0)	ND(5.0)	ND(10)	ND(5.0)	ND(5.0)	ND(5.0)	ND(10)	ND(5.0)	ND(50)	ND(5.0)	ND(10)
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Hydraulic Lift B2

B2 Water	9/2/98	11'	water	CrLab	ND(5.0)	ND(5.0)	ND(10)	ND(5.0)	ND(5.0)	ND(5.0)	ND(10)	ND(5.0)	ND(50)	ND(5.0)	ND(10)
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Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	Trichloro-trifluoroethane	Carbon Disulfide	Isopropyl-Benzene	Bromo-Benzene	Bromochloro-methane	Trichloro-fluoromethane
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Hydraulic Lift B1

B1 Water	9/2/98	11'	water	CrLab	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(10)	ND(5.0)
----------	--------	-----	-------	-------	---------	---------	---------	---------	--------	---------

Hydraulic Lift B2

B2 Water	9/2/98	11'	water	CrLab	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(10)	ND(5.0)
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VOLATILE ORGANIC COMPOUND SOIL RESULTS  
OAKLAND GENERAL TIRE  
{ug/kg}

Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	Acetone	Benzene	Bromodichloro- methane	Bromoform	Bromo- methane	Carbon tetrachloride	Chloro- benzene	Chloro- ethane	2-Butanone (MEK)	2-Chloroethyl- vinylether	Chloroform
<u>Hydraulic Lift A1</u>															
A1 Soil-4'6"	9/2/98	4'6"	soil	CrLab	ND(50)	ND(5.0)	ND(5.0)	ND(5.0)	ND(10)	ND(5.0)	ND(5.0)	ND(10)	ND(50)	ND(50)	ND(5.0)
<u>Hydraulic Lift A2</u>															
A2 Soil-4'6"	9/2/98	4'6"	soil	CrLab	ND(50)	ND(5.0)	ND(5.0)	ND(5.0)	ND(10)	ND(5.0)	ND(5.0)	ND(10)	ND(50)	ND(50)	ND(5.0)
<u>Hydraulic Lift B1</u>															
B1 Soil-11'	9/2/98	11'	soil	CrLab	ND(50)	ND(5.0)	ND(5.0)	ND(5.0)	ND(10)	ND(5.0)	ND(5.0)	ND(10)	ND(50)	ND(50)	ND(5.0)
<u>Hydraulic Lift B2</u>															
B2 Soil-11'	9/2/98	11'	soil	CrLab	57	ND(5.0)	ND(5.0)	ND(5.0)	ND(10)	ND(5.0)	ND(5.0)	ND(10)	ND(50)	ND(50)	ND(5.0)
<u>Hydraulic Lift C1</u>															
C1 Soil-9'	9/2/98	9'	soil	CrLab	ND(50)	ND(5.0)	ND(5.0)	ND(5.0)	ND(10)	ND(5.0)	ND(5.0)	ND(10)	ND(50)	ND(50)	ND(5.0)
<u>Hydraulic Lift C2</u>															
C2 Soil-8'6"	9/2/98	8'6"	soil	CrLab	ND(250)	ND(25)	ND(25)	ND(25)	ND(50)	ND(25)	ND(25)	ND(50)	ND(250)	ND(250)	ND(25)
<u>Hydraulic Lift D1</u>															
D1 Soil-8'6"	9/2/98	8'6"	soil	CrLab	ND(50)	ND(5.0)	ND(5.0)	ND(5.0)	ND(10)	ND(5.0)	ND(5.0)	ND(10)	ND(50)	ND(50)	ND(5.0)
<u>Hydraulic Lift D2</u>															
D2 Soil-8'6"	9/2/98	8'6"	soil	CrLab	ND(50)	ND(5.0)	ND(5.0)	ND(5.0)	ND(10)	ND(5.0)	ND(5.0)	ND(10)	ND(50)	ND(50)	ND(5.0)
<u>Hydraulic Reservoir E</u>															
E Soil-8'	9/2/98	8'	soil	CrLab	ND(50)	ND(5.0)	ND(5.0)	ND(5.0)	ND(10)	ND(5.0)	ND(5.0)	ND(10)	ND(50)	ND(50)	ND(5.0)

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VOLATILE ORGANIC COMPOUND SOIL RESULTS  
OAKLAND GENERAL TIRE  
{ug/kg}

Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	Chloro-methane	Dibromo-chloromethane	1,2-Dichloro-benzene	1,3-Dichloro-benzene	1,4-Dichloro-benzene	1,2-Dibromo-3-chloropropane	1,2-Dibromo-ethane	Dibromo-methane	Dichlorodi-fluormethane	1,1-Dichloro-ethane	1,2-Dichloro-ethene
<u>Hydraulic Lift A1</u>															
A1 Soil-4'6"	9/2/98	4'6"	soil	CrLab	ND(10)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(50)	ND(10)	ND(10)	ND(10)	ND(5.0)	ND(5.0)
<u>Hydraulic Lift A2</u>															
A2 Soil-4'6"	9/2/98	4'6"	soil	CrLab	ND(10)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(50)	ND(10)	ND(10)	ND(10)	ND(5.0)	ND(5.0)
<u>Hydraulic Lift B1</u>															
B1 Soil-11'	9/2/98	11'	soil	CrLab	ND(10)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(50)	ND(10)	ND(10)	ND(10)	ND(5.0)	ND(5.0)
<u>Hydraulic Lift B2</u>															
B2 Soil-11'	9/2/98	11'	soil	CrLab	ND(10)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(50)	ND(10)	ND(10)	ND(10)	ND(5.0)	ND(5.0)
<u>Hydraulic Lift C1</u>															
C1 Soil-9'	9/2/98	9'	soil	CrLab	ND(10)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(50)	ND(10)	ND(10)	ND(10)	ND(5.0)	ND(5.0)
<u>Hydraulic Lift C2</u>															
C2 Soil-8'6"	9/2/98	8'6"	soil	CrLab	ND(50)	ND(25)	ND(25)	ND(25)	ND(25)	ND(250)	ND(50)	ND(50)	ND(50)	ND(25)	ND(25)
<u>Hydraulic Lift D1</u>															
D1 Soil-8'6"	9/2/98	8'6"	soil	CrLab	ND(10)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(50)	ND(10)	ND(10)	ND(10)	ND(5.0)	ND(5.0)
<u>Hydraulic Lift D2</u>															
D2 Soil-8'6"	9/2/98	8'6"	soil	CrLab	ND(10)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(50)	ND(10)	ND(10)	ND(10)	ND(5.0)	ND(5.0)
<u>Hydraulic Reservoir E</u>															
E Soil-8'	9/2/98	8'	soil	CrLab	ND(10)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(50)	ND(10)	ND(10)	ND(10)	ND(5.0)	ND(5.0)

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Table B/Soil-1

VOLATILE ORGANIC COMPOUND SOIL RESULTS  
OAKLAND GENERAL TIRE  
{ug/kg}

Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	1,1-Dichloroethene	(cis) 1,2-dichloroethene	(trans) 1,2-dichloroethene	1,2-Dichloropropane	cis-1,3-dichloropropene	trans-1,3-dichloropropene	Ethylbenzene	2-Hexanone	Methylene chloride	4-Methyl-2-Pentanone(MIBK)	Naphthalene
<u>Hydraulic Lift A1</u>															
A1 Soil-4'6"	9/2/98	4'6"	soil	CrLab	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(50)	ND(5.0)	ND(50)	ND(50)
<u>Hydraulic Lift A2</u>															
A2 Soil-4'6"	9/2/98	4'6"	soil	CrLab	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(50)	ND(5.0)	ND(50)	ND(50)
<u>Hydraulic Lift B1</u>															
B1 Soil-11'	9/2/98	11'	soil	CrLab	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(50)	ND(5.0)	ND(50)	ND(50)
<u>Hydraulic Lift B2</u>															
B2 Soil-11'	9/2/98	11'	soil	CrLab	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(50)	ND(5.0)	ND(50)	ND(50)
<u>Hydraulic Lift C1</u>															
C1 Soil-9'	9/2/98	9'	soil	CrLab	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(50)	ND(5.0)	ND(50)	ND(50)
<u>Hydraulic Lift C2</u>															
C2 Soil-8'6"	9/2/98	8'6"	soil	CrLab	ND(25)	ND(25)	ND(25)	ND(25)	ND(25)	ND(25)	ND(25)	ND(250)	ND(25)	ND(250)	ND(250)
<u>Hydraulic Lift D1</u>															
D1 Soil-8'6"	9/2/98	8'6"	soil	CrLab	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(50)	ND(5.0)	ND(50)	ND(50)
<u>Hydraulic Lift D2</u>															
D2 Soil-8'6"	9/2/98	8'6"	soil	CrLab	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(50)	ND(5.0)	ND(50)	ND(50)
<u>Hydraulic Reservoir E</u>															
E Soil-8'	9/2/98	8'	soil	CrLab	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(50)	ND(5.0)	ND(50)	ND(50)

notes: CrLab: Chromalab Inc.

ND(5.0) = Not Detected above the laboratory detection limit in parentheses.

VOLATILE ORGANIC COMPOUND SOIL RESULTS  
OAKLAND GENERAL TIRE  
{ug/kg}

Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	Styrene	1,1,2,2-Tetra chloroethane	Tetra-chloroethene	Toluene	1,1,1-Tri-chloroethane	1,1,2-Tri-chloroethane	Tri-chloroethene	1,1,1,2-Tetra-chloroethane	Vinyl acetate	Vinyl chloride	Total xylenes
<u>Hydraulic Lift A1</u>															
A1 Soil-4'6"	9/2/98	4'6"	soil	CrLab	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(50)	ND(50)	ND(5.0)	ND(10)
<u>Hydraulic Lift A2</u>															
A2 Soil-4'6"	9/2/98	4'6"	soil	CrLab	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(50)	ND(50)	ND(5.0)	ND(10)
<u>Hydraulic Lift B1</u>															
B1 Soil-11'	9/2/98	11'	soil	CrLab	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(50)	ND(50)	ND(5.0)	ND(10)
<u>Hydraulic Lift B2</u>															
B2 Soil-11'	9/2/98	11'	soil	CrLab	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(50)	ND(50)	ND(5.0)	ND(10)
<u>Hydraulic Lift C1</u>															
C1 Soil-9'	9/2/98	9'	soil	CrLab	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(50)	ND(50)	ND(5.0)	ND(10)
<u>Hydraulic Lift C2</u>															
C2 Soil-8'6"	9/2/98	8'6"	soil	CrLab	ND(25)	ND(25)	ND(25)	ND(25)	ND(25)	ND(25)	ND(25)	ND(25)	ND(250)	ND(25)	ND(50)
<u>Hydraulic Lift D1</u>															
D1 Soil-8'6"	9/2/98	8'6"	soil	CrLab	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(50)	ND(50)	ND(5.0)	ND(10)
<u>Hydraulic Lift D2</u>															
D2 Soil-8'6"	9/2/98	8'6"	soil	CrLab	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5)	ND(50)	ND(5.0)	ND(10)
<u>Hydraulic Reservoir E</u>															
E Soil-8'	9/2/98	8'	soil	CrLab	ND(5.0)	ND(5.0)	14	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5)	ND(50)	ND(5.0)	14

notes:

CrLab: Chromalab Inc.

ND(5.0) = Not Detected above the laboratory detection limit in parentheses.

Table B/Soil-1  
 VOLATILE ORGANIC COMPOUND SOIL RESULTS  
 OAKLAND GENERAL TIRE  
 {ug/kg}

Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	Trichloro-trifluoroethane	Carbon disulfide	Isopropylbenzene	Bromobenzene	Bromochloromethane	Trichlorofluoromethane
<u>Hydraulic Lift A1</u>										
A1 Soil-4'6"	9/2/98	4'6"	soil	CrLab	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)
<u>Hydraulic Lift A2</u>										
A2 Soil-4'6"	9/2/98	4'6"	soil	CrLab	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)
<u>Hydraulic Lift B1</u>										
B1 Soil-11'	9/2/98	11'	soil	CrLab	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)
<u>Hydraulic Lift B2</u>										
B2 Soil-11'	9/2/98	11'	soil	CrLab	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)
<u>Hydraulic Lift C1</u>										
C1 Soil-9'	9/2/98	9'	soil	CrLab	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)
<u>Hydraulic Lift C2</u>										
C2 Soil-8'6"	9/2/98	8'6"	soil	CrLab	ND(25)	ND(25)	ND(25)	ND(25)	ND(100)	ND(25)
<u>Hydraulic Lift D1</u>										
D1 Soil-8'6"	9/2/98	8'6"	soil	CrLab	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)
<u>Hydraulic Lift D2</u>										
D2 Soil-8'6"	9/2/98	8'6"	soil	CrLab	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)
<u>Hydraulic Reservoir E</u>										
E Soil-8'	9/2/98	8'	soil	CrLab	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)

notes:

CrLab: Chromalab Inc.

ND(5.0) = Not Detected above the laboratory detection limit in parentheses.



POLYNUCLEAR AROMATIC HYDROCARBONS  
SOIL RESULTS  
OAKLAND GENERAL TIRE  
{ug/kg}

Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	Naphthalene	Ace-naphthylene	Ace-naphthene	Fluorone	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo (A) Anthracene	Chrysene	Benzo (B) Fluoranthene
<u>Hydraulic Lift A1</u>															
A1 Soil-4'6"	9/2/98	4'6"	soil	CrLab	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
<u>Hydraulic Lift A2</u>															
A2 Soil-4'6"	9/2/98	4'6"	soil	CrLab	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
<u>Hydraulic Lift B1</u>															
B1 Soil-11'	9/2/98	11'	soil	CrLab	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.01)	ND(0.01)	ND(0.10)	ND(0.01)	ND(0.01)
<u>Hydraulic Lift B2</u>															
B2 Soil-11'	9/2/98	11'	soil	CrLab	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
<u>Hydraulic Lift C1</u>															
C1 Soil-9'	9/2/98	9'	soil	CrLab	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
<u>Hydraulic Lift C2</u>															
C2 Soil-8'6" Soil	9/2/98	8'6"	soil	CrLab	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
<u>Hydraulic Lift D1</u>															
D1 Soil-8'6"	9/2/98	8'6"	soil	CrLab	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
<u>Hydraulic Lift D2</u>															
D2 Soil-8'6"	9/2/98	8'6"	soil	CrLab	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)
<u>Hydraulic Reservoir E</u>															
E Soil-8'	9/2/98	8'	soil	CrLab	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)

notes:

CrLab: Chromalab Inc.

ND(0.10) = Not Detected above the laboratory detection limit in parentheses.

Table C/Soil-1  
 POLYNUCLEAR AROMATIC HYDROCARBONS  
 SOIL RESULTS  
 OAKLAND GENERAL TIRE  
 {ug/kg}

Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	Benzo (K) Fluoranthene	Benzo (A) pyrene	Indeno (1,2,3-CD) pyrene	Dibenzo A,H) anthracene	Benzo (GHI) perylene
<u>Hydraulic Lift A1</u>									
A1 Soil-4'6"	9/2/98	4'6"	soil	CrLab	ND(2.0)	ND(0.50)	ND(2.0)	ND(2.0)	ND(2.0)
<u>Hydraulic Lift A2</u>									
A2 Soil-4'6"	9/2/98	4'6"	soil	CrLab	ND(2.0)	ND(0.50)	ND(2.0)	ND(2.0)	ND(2.0)
<u>Hydraulic Lift B1</u>									
B1 Soil-11'	9/2/98	11'	soil	CrLab	ND(0.20)	ND(0.050)	ND(0.20)	ND(0.20)	ND(0.20)
<u>Hydraulic Lift B2</u>									
B2 Soil-11'	9/2/98	11'	soil	CrLab	ND(0.20)	ND(0.050)	ND(0.20)	ND(0.20)	ND(0.20)
<u>Hydraulic Lift C1</u>									
C1 Soil-9'	9/2/98	9'	soil	CrLab	ND(0.20)	ND(0.050)	ND(0.20)	ND(0.20)	ND(0.20)
<u>Hydraulic Lift C2</u>									
C2 Soil-8'6" Soil	9/2/98	8'6"	soil	CrLab	ND(0.20)	ND(0.050)	ND(0.20)	ND(0.20)	ND(0.20)
<u>Hydraulic Lift D1</u>									
D1 Soil-8'6"	9/2/98	8'6"	soil	CrLab	ND(0.20)	ND(0.050)	ND(0.20)	ND(0.20)	ND(0.20)
<u>Hydraulic Lift D2</u>									
D2 Soil-8'6"	9/2/98	8'6"	soil	CrLab	ND(0.40)	0.11	ND(0.40)	ND(0.40)	ND(0.40)
<u>Hydraulic Reservoir E</u>									
E Soil-8'	9/2/98	8'	soil	CrLab	ND(2.0)	ND(0.50)	ND(2.0)	ND(2.0)	ND(2.0)

notes: CrLab: Chromalab Inc.  
 ND(0.10) = Not Detected above the laboratory detection limit in parentheses.



Table D/GW-1  
METALS GROUND WATER RESULTS  
Oakland General Tire  
{mg/L}

Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	Cd Cadmium	Cr Chromium	Ni Nickel	PB Lead	ZN Zinc
<u>B1 Hydraulic Hoist</u>									
B1 Water	9/2/98	11'	water	CrLab	0.012	0.060	0.073	1.2	0.89
<u>B2 Hydraulic Hoist</u>									
B2 Water	9/2/98	11'	water	CrLab	0.0081	0.065	0.073	0.38	0.56

Table D/Soil-1  
METALS SOIL RESULTS  
Oakland General Tire  
{mg/kg}

Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	Cd Cadmium	Cr Chromium	Ni Nickel	PB Lead	ZN Zinc
<u>A1 Hydraulic Hoist</u>									
A1 Soil-4'6"	9/3/98	4'6"	soil	CrLab	ND(0.50)	8.1	8.9	22	55
<u>A2 Hydraulic Hoist</u>									
A2 Soil-4'6"	9/3/98	4'6"	soil	CrLab	ND(0.50)	20	33	16	100
<u>B1 Hydraulic Hoist</u>									
B1 Soil-11'	9/2/98	11'	soil	CrLab	ND(0.50)	56	38	15	38
<u>B2 Hydraulic Hoist</u>									
B2 Soil-11'	9/2/98	11'	soil	CrLab	ND(0.50)	26	27	37	61
<u>C1 Hydraulic Hoist</u>									
C1 Soil-9'	9/2/98	9'	soil	CrLab	ND(0.50)	19	21	31	51
<u>C2 Hydraulic Hoist</u>									
C2 Soil-8'6"	9/2/98	8'6"	soil	CrLab	1.7	33	39	150	160
C2 Soil-8'6"	10/5/98	8'6"	soil	CrLab	ND(0.50)	26	38	18	91
<u>D1 Hydraulic Hoist</u>									
D1 Soil-8'6"	9/2/98	8'6"	soil	CrLab	ND(0.50)	23	20	17	35
D1 Soil-8'6"	10/5/98	8'6"	soil	CrLab	ND(0.50)	18	19	25	47
<u>D2 Hydraulic Hoist</u>									
D2 Soil-8'6"	9/3/98	8'6"	soil	CrLab	ND(0.50)	20	28	28	60
<u>E Hydraulic Reservoir</u>									
E Soil-8'	9/2/98	8'	soil	CrLab	ND(0.50)	24	28	37	300
E Soil-8'6"	10/5/98	8'6"	soil	CrLab	ND(0.50)	20	28	53	78

notes: CrLab: Chromalab Inc.  
ND(1.0) = Not Detected above the laboratory detection limit in parentheses.

**APPENDIX B  
CHROMALAB INC.  
SOIL ANALYTICAL REPORTS AND  
CHAIN-OF-CUSTODY FORMS**

# CHROMALAB, INC.

Environmental Services (SDB)

September 18, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND

Project#: GT-213

Received: September 4, 1998

re: 3 samples for TEPH analysis.

Method: EPA 8015M

Sampled: September 2, 1998 Matrix: SOIL Run#: 14855

Extracted: September 14, 1998  
Analyzed: September 14, 1998

Spl#	CLIENT SPL ID	Kerosene (mg/Kg)	Diesel (mg/Kg)	Motor Oil (mg/Kg)
204516	B2 SOIL-11'	N.D.	18	N.D.
Note: Hydrocarbon reported is in the late Diesel Range and does not match our Diesel Standard.				
204517	B1 SOIL-11'	N.D.	79	130
Note: Hydrocarbon reported is in the late Diesel Range and does not match our Diesel Standard. High surrogate due to matrix interference.				

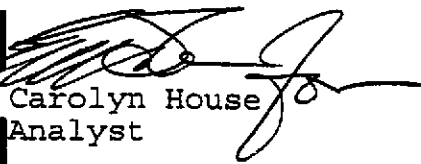
Sampled: September 3, 1998 Matrix: SOIL Run#: 14855


Extracted: September 14, 1998  
Analyzed: September 15, 1998

Spl#	CLIENT SPL ID	Kerosene (mg/Kg)	Diesel (mg/Kg)	Motor Oil (mg/Kg)
204518	A1 SOIL-4'6"	N.D.	12	170
Note: Hydrocarbon reported is in the late Diesel Range and does not match our Diesel Standard.				

Reporting Limits  
Blank Result  
Blank Spike Result (%)

1.0	1.0	50
--	N.D.	N.D.
--	80.2	--

  
Carolyn House  
Analyst

  
Bruce Havlik  
Analyst

# CHROMALAB, INC.

Environmental Services (SOB)

September 15, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND  
Received: September 4, 1998

Project#: GT-213

re: One sample for Gasoline analysis.  
Method: 8015Mod

Client Sample ID: A1 SOIL-4'6"

Spl#: 204518

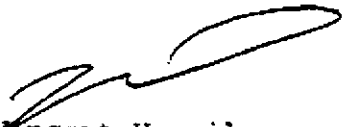
Matrix: SOIL

Sampled: September 3, 1998

Run#:14737

Analyzed: September 8, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	96	1

  
Vincent Vancil  
Analyst

  
Michael Verona  
Operations Manager

925-933-5362

# CHROMALAB, INC.

Environmental Services (SDB)

September 11, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Attn: Romena Jonas

Project: GENERAL TIRE, OAKLAND

Project#: GT-213

Received: September 4, 1998

re: One sample for Volatile Organics by GC/MS analysis.

Method: SW846 Method 8260A Sept 1994

Client Sample ID: A1 SOIL-4'6"

Sol#: 204518

Matrix: SOIL

Sampled: September 3, 1998

Run#: 14762

Analyzed: September 8, 1998

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
ACETONE	N.D.	50	N.D.	--	1
BENZENE	N.D.	5.0	N.D.	93.3	1
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--	1
BROMOFORM	N.D.	5.0	N.D.	--	1
BROMOMETHANE	N.D.	10	N.D.	--	1
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--	1
CHLOROETHANE	N.D.	5.0	N.D.	97.4	1
2-BUTANONE (MEK)	N.D.	10	N.D.	--	1
2-CHLOROETHYL VINYLETHER	N.D.	50	N.D.	--	1
CHLOROFORM	N.D.	5.0	N.D.	--	1
CHLOROMETHANE	N.D.	10	N.D.	--	1
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,3-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,4-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,2-DIBROMO-3-CHLOROPROPANE	N.D.	5.0	N.D.	--	1
1,2-DIBROMOETHANE	N.D.	50	N.D.	--	1
DIBROMOMETHANE	N.D.	10	N.D.	--	1
DICHLORODIFLUOROMETHANE	N.D.	10	N.D.	--	1
1,1-DICHLOROETHANE	N.D.	10	N.D.	--	1
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHENE (CIS)	N.D.	5.0	N.D.	110	1
1,2-DICHLOROETHENE (TRANS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--	1
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
ETHYLENE CHLORIDE	N.D.	5.0	N.D.	--	1
2-HEXANONE	N.D.	50	N.D.	--	1
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--	1
4-METHYL-2-PENTANONE (MIBK)	N.D.	50	N.D.	--	1
NAPHTHALENE	N.D.	50	N.D.	--	1
STYRENE	N.D.	50	N.D.	--	1
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--	1
TETRACHLOROETHENE	N.D.	5.0	N.D.	--	1
TOLUENE	N.D.	5.0	N.D.	--	1
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	86.2	1
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
TRICHLOROETHENE	N.D.	5.0	N.D.	--	1
1,1,1,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	97.0	1
VINYL ACETATE	N.D.	50	N.D.	--	1
VINYL CHLORIDE	N.D.	5.0	N.D.	--	1

925-931-5362



# CHROMALAB, INC.

Environmental Services (SDB)

September 11, 1998

Submission #: 9809057  
page 2

JONAS & ASSOCIATES, INC.

Attn: Romena Jonas

Project: GENERAL TIRE, OAKLAND

Received: September 4, 1998

Project#: GT-213

re: One sample for Volatile Organics by GC/MS analysis, continued.

Method: SW846 Method 8260A Sept 1994

Client Sample ID: A1 SOIL-4'6"

Sol#: 204518

Matrix: SOIL


Sampled: September 3, 1998

Run#: 14762

Analyzed: September 8, 1998

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
TOTAL XYLENES	N.D.	10	N.D.	--	1
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--	1
CARBON DISULFIDE	N.D.	5.0	N.D.	--	1
ISOPROPYLBENZENE	N.D.	5.0	N.D.	--	1
BROMOBENZENE	N.D.	5.0	N.D.	--	1
BROMOCHLOROMETHANE	N.D.	20	N.D.	--	1
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--	1

  
June Zhao  
Analyst

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SOE)

September 14, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND  
 Received: September 4, 1998

Project#: GT-213

re: One sample for Polynuclear Aromatic Hydrocarbons (PAHs) analysis.  
 Method: SW846 Method 8270A Nov 1990

Client Sample ID: A1 SOIL-4'6"

Spl#: 204518

Matrix: SOIL

Extracted: September 11, 1998

Sampled: September 3, 1998

Run#: 14828

Analyzed: September 11, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE FACTOR (%)	DILUTION FACTOR
NAPHTHALENE	N.D.	1.0	N.D.	--	10
ACENAPHTHYLENE	N.D.	1.0	N.D.	--	10
ACENAPHTHENE	N.D.	1.0	N.D.	--	10
FLUORENE	N.D.	1.0	N.D.	80.2	10
PHENANTHRENE	N.D.	1.0	N.D.	--	10
ANTHRACENE	N.D.	1.0	N.D.	--	10
FLUORANTHENE	N.D.	1.0	N.D.	--	10
PYRENE	N.D.	1.0	N.D.	--	10
BENZO (A) ANTHRACENE	N.D.	1.0	N.D.	81.0	10
CHRYSENE	N.D.	1.0	N.D.	--	10
BENZO (B) FLUORANTHENE	N.D.	1.0	N.D.	--	10
BENZO (K) FLUORANTHENE	N.D.	1.0	N.D.	--	10
BENZO (A) PYRENE	N.D.	2.0	N.D.	--	10
INDENO (1, 2, 3-CD) PYRENE	N.D.	0.50	N.D.	--	10
DIBENZO (A, H) ANTHRACENE	N.D.	2.0	N.D.	--	10
BENZO (GHI) PERYLENE	N.D.	2.0	N.D.	--	10
	N.D.	2.0	N.D.	--	10

Note: Reporting limits raised due to matrix interference.

Michael Lee  
 Analyst

Michael Verona  
 Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 14, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Attn: Romena Jonas

Project: GENERAL TIRE, OAKLAND  
 Received: September 4, 1998

Project#: GT-213

re: One sample for Miscellaneous Metals analysis.  
 Method: EPA 3010A/3050A/6010A Nov 1990

Client Sample ID: A1 SOIL-4'6"

Spl#: 204518

Matrix: SOIL

Extracted: September 8, 1998

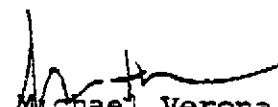
Sampled: September 3, 1998

Run#: 14743

Analyzed: September 8, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
CADMIUM	N.D.	0.50	N.D.	103	1
CHROMIUM	8.1	1.0	N.D.	104	1
LEAD	22	1.0	N.D.	103	1
NICKEL	8.9	1.0	N.D.	102	1
ZINC	55	1.0	N.D.	118	1

  
 Shari Barekzai  
 Analyst

  
 Michael Verona  
 Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 18, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND  
Received: September 4, 1998

Project#: GT-213

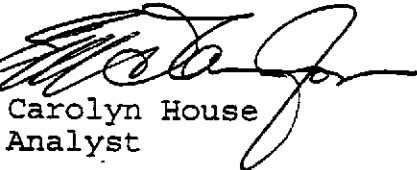
re: 1 sample for TEPH analysis.  
Method: EPA 8015M


Matrix: SOIL  
Sampled: September 3, 1998  
Run#: 14855  
Extracted: September 14, 1998  
Analyzed: September 15, 1998

Spl#	CLIENT SPL ID	Kerosene (mg/Kg)	Diesel (mg/Kg)	Motor Oil (mg/Kg)
204519 A2	SOIL-4'6"	N.D.	56	520

Note: Hydrocarbon reported is in the late Diesel Range and does not match our Diesel Standard. High surrogate due to matrix interference.

Reporting Limits	10	10	200
Blank Result		N.D.	N.D.
Blank Spike Result (%)	--	80.2	--

  
Carolyn House  
Analyst

  
Bruce Havlik  
Analyst

# CHROMALAB, INC.

Environmental Services (SDB)

September 15, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND  
 Received: September 4, 1998

Project#: GT-213

re: One sample for Gasoline analysis.  
 Method: 8015Mod

Client Sample ID: A2 SOIL-4'6"

Spl#: 204519


Matrix: SOIL

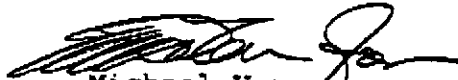
Sampled: September 3, 1998

Run#:14784

Analyzed: September 9, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	87	1

  
 Vincent Vancil  
 Analyst

  
 Michael Verona  
 Operations Manager

925-933-5362

# CHROMALAB, INC.

Environmental Services (SOB)

September 11, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Attn: Romena Jonas

Project: GENERAL TIRE, OAKLAND

Project#: GT-213

Received: September 4, 1998

re: One sample for Volatile Organics by GC/MS analysis.

Method: SW846 Method 8260A Sept 1994

Client Sample ID: A2 SOIL-4'6"

Spl#: 204519

Matrix: SOIL

Sampled: September 3, 1998

Run#: 14762

Analyzed: September 8, 1998

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE FACTOR (%)	DILUTION FACTOR
ACETONE	N.D.	50	N.D.	--	1
BENZENE	N.D.	5.0	N.D.	93.3	1
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--	1
BROMOFORM	N.D.	5.0	N.D.	--	1
BROMOMETHANE	N.D.	10	N.D.	--	1
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--	1
CHLOROBENZENE	N.D.	5.0	N.D.	--	1
CHLOROETHANE	N.D.	10	N.D.	97.4	1
2-BUTANONE (MEK)	N.D.	50	N.D.	--	1
2-CHLOROETHYLVINYLETHER	N.D.	50	N.D.	--	1
CHLOROFORM	N.D.	5.0	N.D.	--	2
CHLOROMETHANE	N.D.	10	N.D.	--	1
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,3-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,4-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,2-DIBROMO-3-CHLOROPROPANE	N.D.	5.0	N.D.	--	1
1,2-DIBROMOETHANE	N.D.	10	N.D.	--	1
DIBROMOMETHANE	N.D.	10	N.D.	--	1
DICHLORODIFLUOROMETHANE	N.D.	10	N.D.	--	1
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHENE (CIS)	N.D.	5.0	N.D.	110	1
1,2-DICHLOROETHENE (TRANS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--	1
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
ETHYLBENZENE	N.D.	5.0	N.D.	--	1
2-HEXANONE	N.D.	5.0	N.D.	--	1
METHYLENE CHLORIDE	N.D.	50	N.D.	--	1
4-METHYL-2-PENTANONE (MIBK)	N.D.	50	N.D.	--	1
NAPHTHALENE	N.D.	50	N.D.	--	1
STYRENE	N.D.	50	N.D.	--	1
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--	1
TETRACHLOROETHENE	N.D.	5.0	N.D.	--	1
TOLUENE	N.D.	5.0	N.D.	--	1
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	86.2	1
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
TRICHLOROETHENE	N.D.	5.0	N.D.	--	1
1,1,1,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	97.0	1
VINYL ACETATE	N.D.	50	N.D.	--	1
VINYL CHLORIDE	N.D.	5.0	N.D.	--	1

925-938-5362 DC 08/14

1220 Quarry Lane • Pleasanton, California 94566-4756

(925) 484-1919 • Facsimile (925) 484-1096

Federal ID #68-0140157

# CHROMALAB, INC.

Environmental Services (SDB)

September 11, 1998

Submission #: 9809057  
page 2

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND

Project#: GT-213

Received: September 4, 1998

re: One sample for Volatile Organics by GC/MS analysis, continued.

Method: SW846 Method 8260A Sept 1994

Client Sample ID: A2 SOIL-4'6"

Spl#: 204519

Matrix: SOIL

Sampled: September 3, 1998

Run#: 14762

Analyzed: September 8, 1998

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
TOTAL XYLENES	N.D.	10	N.D.	--	1
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--	1
CARBON DISULFIDE	N.D.	5.0	N.D.	--	1
ISOPROPYLBENZENE	N.D.	5.0	N.D.	--	1
BROMOBENZENE	N.D.	5.0	N.D.	--	1
BROMOCHLOROMETHANE	N.D.	20	N.D.	--	1
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--	1

  
June Zhao  
Analyst

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 14, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND  
 Received: September 4, 1998

Project#: GT-213

re: One sample for Polynuclear Aromatic Hydrocarbons (PAHs) analysis.  
 Method: SW846 Method 8270A Nov 1990

Client Sample ID: A2 SOIL-4'6"

Spl#: 204519

Matrix: SOIL

Extracted: September 11, 1998

Sampled: September 3, 1998


Run#: 14828

Analyzed: September 12, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
NAPHTHALENE	N.D.	1.0	N.D.	--	10
ACENAPHTHYLENE	N.D.	1.0	N.D.	--	10
ACENAPHTHENE	N.D.	1.0	N.D.	--	10
FLUORENE	N.D.	1.0	N.D.	80.2	10
PHENANTHRENE	N.D.	1.0	N.D.	--	10
ANTHRACENE	N.D.	1.0	N.D.	--	10
FLUORANTHENE	N.D.	1.0	N.D.	--	10
PYRENE	N.D.	1.0	N.D.	--	10
BENZO (A) ANTHRACENE	N.D.	1.0	N.D.	81.0	10
CHRYSENE	N.D.	1.0	N.D.	--	10
BENZO (B) FLUORANTHENE	N.D.	1.0	N.D.	--	10
BENZO (K) FLUORANTHENE	N.D.	1.0	N.D.	--	10
BENZO (A) PYRENE	N.D.	2.0	N.D.	--	10
INDENO (1, 2, 3 - CD) PYRENE	N.D.	0.50	N.D.	--	10
DIBENZO (A, H) ANTHRACENE	N.D.	2.0	N.D.	--	10
BENZO (GHI) PERYLENE	N.D.	2.0	N.D.	--	10
	N.D.	2.0	N.D.	--	10

Note: Reporting limits raised due to matrix interference.

  
 Michael Lee  
 Analyst

  
 Michael Verona  
 Operations Manager



# CHROMALAB, INC.

Environmental Services (SDB)

September 14, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND  
 Received: September 4, 1998

Project#: GT-213

re: One sample for Miscellaneous Metals analysis.  
 Method: EPA 3010A/3050A/6010A Nov 1990

Client Sample ID: A2 SOIL-4'6"

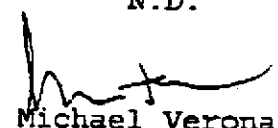
Spl#: 204519  
 Sampled: September 3, 1998

Matrix: SOIL  
 Run#: 14743

Extracted: September 8, 1998  
 Analyzed: September 8, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
CADMIUM	N.D.	0.50	N.D.	103	1
CHROMIUM	20	1.0	N.D.	104	1
LEAD	16	1.0	N.D.	103	1
NICKEL	33	1.0	N.D.	102	1
ZINC	100	1.0	N.D.	118	1

  
 Shafi Barekzai  
 Analyst

  
 Michael Verona  
 Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 18, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND  
Received: September 4, 1998.

Project#: GT-213

re: 3 samples for TEPH analysis.  
Method: EPA 8015M

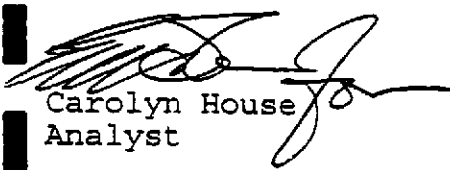
Sampled: September 2, 1998 Matrix: SOIL Run#: 14855  
Extracted: September 14, 1998  
Analyzed: September 14, 1998

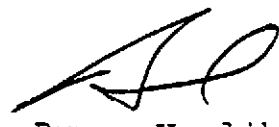
Spl#	CLIENT SPL ID	Kerosene (mg/Kg)	Diesel (mg/Kg)	Motor Oil (mg/Kg)
204516	B2 SOIL-11'	N.D.	18	N.D.
Note: Hydrocarbon reported is in the late Diesel Range and does not match our Diesel Standard.				
204517	B1 SOIL-11'	N.D.	79	130
Note: Hydrocarbon reported is in the late Diesel Range and does not match our Diesel Standard. High surrogate due to matrix interference.				

Sampled: September 3, 1998 Matrix: SOIL Run#: 14855  
Extracted: September 14, 1998  
Analyzed: September 15, 1998

Spl#	CLIENT SPL ID	Kerosene (mg/Kg)	Diesel (mg/Kg)	Motor Oil (mg/Kg)
204518	A1 SOIL-4'6"	N.D.	12	170
Note: Hydrocarbon reported is in the late Diesel Range and does not match our Diesel Standard.				

Reporting Limits	1.0	1.0	50
Blank Result		N.D.	N.D.
Blank Spike Result (%)	--	80.2	--

  
Carolyn House  
Analyst

  
Bruce Havlik  
Analyst

# CHROMALAB, INC.

Environmental Services (SDB)

September 15, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND  
Received: September 4, 1998

Project#: GT-213

re: One sample for Gasoline analysis.  
Method: 8015Mod

Client Sample ID: B1 SOIL-11'

Spl#: 204517

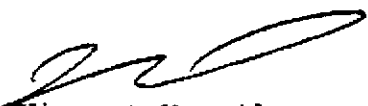
Matrix: SOIL

Sampled: September 2, 1998

Run#:14738

Analyzed: September 8, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	87	1

  
Vincent Vancil  
Analyst

  
Michael Verona  
Operations Manager

925-933-5362

# CHROMALAB, INC.

Environmental Services (SDS)

September 11, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Attn: Romena Jonas

Project: GENERAL TIRE, OAKLAND

Project#: GT-213

Received: September 4, 1998

re: One sample for Volatile Organics by GC/MS analysis.

Method: SW846 Method 8260A Sept 1994

Client Sample ID: B1 SOIL-11'

Spl#: 204517

Matrix: SOIL

Sampled: September 2, 1998

Run#: 14762

Analyzed: September 8, 1998

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
ACETONE	N.D.	50	N.D.	--	1
BENZENE	N.D.	5.0	N.D.	93.3	1
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--	1
BROMOFORM	N.D.	5.0	N.D.	--	1
BROMOMETHANE	N.D.	10	N.D.	--	1
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--	1
CHLOROBENZENE	N.D.	5.0	N.D.	--	1
CHLOROETHANE	N.D.	10	N.D.	97.4	1
2-BUTANONE (MEK)	N.D.	50	N.D.	--	1
2-CHLOROETHYL VINYLETHER	N.D.	50	N.D.	--	1
CHLOROFORM	N.D.	5.0	N.D.	--	1
CHLOROMETHANE	N.D.	10	N.D.	--	1
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,3-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,2-DIBROMO-3-CHLOROPROPANE	N.D.	50	N.D.	--	1
1,2-DIBROMOETHANE	N.D.	10	N.D.	--	1
DIBROMOMETHANE	N.D.	10	N.D.	--	1
DICHLORODIFLUOROMETHANE	N.D.	10	N.D.	--	1
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHENE (CIS)	N.D.	5.0	N.D.	110	1
1,2-DICHLOROETHENE (TRANS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--	1
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
ETHYLBENZENE	N.D.	5.0	N.D.	--	1
2-HEXANONE	N.D.	50	N.D.	--	1
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--	1
4-METHYL-2-PENTANONE (MIBK)	N.D.	50	N.D.	--	1
NAPHTHALENE	N.D.	50	N.D.	--	1
STYRENE	N.D.	5.0	N.D.	--	1
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--	1
TETRACHLOROETHENE	N.D.	5.0	N.D.	--	1
TOLUENE	N.D.	5.0	N.D.	--	1
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	86.2	1
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
TRICHLOROETHENE	N.D.	5.0	N.D.	--	1
1,1,1,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	97.0	1
VINYL ACETATE	N.D.	50	N.D.	--	1
VINYL CHLORIDE	N.D.	5.0	N.D.	--	1

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Federal ID #68-0140157

# CHROMALAB, INC.

Environmental Services (SOB)

September 11, 1998

Submission #: 9809057  
page 2

JONAS & ASSOCIATES, INC.

Attn: Romona Jonas

Project: GENERAL TIRE, OAKLAND

Project#: GT-213

Received: September 4, 1998

re: One sample for Volatile Organics by GC/MS analysis, continued.

Method: SW846 Method 8260A Sept 1994

Client Sample ID: B1 SOIL-11'

Sp# : 204517

Matrix: SOIL

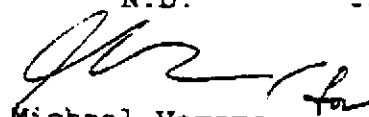
Sampled: September 2, 1998

Run#: 14762

Analyzed: September 8, 1998

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
TOTAL XYLENES	N.D.	10	N.D.	--	1
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--	1
CARBON DISULFIDE	N.D.	5.0	N.D.	--	1
ISOPROPYLBENZENE	N.D.	5.0	N.D.	--	1
BROMOBENZENE	N.D.	5.0	N.D.	--	1
BROMOCHLOROMETHANE	N.D.	20	N.D.	--	1
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--	1

  
June Zhao  
Analyst

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 14, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND  
 Received: September 4, 1998

Project#: GT-213

re: One sample for Polynuclear Aromatic Hydrocarbons (PAHs) analysis.  
 Method: SW846 Method 8270A Nov 1990

Client Sample ID: B1 SOIL-11'

Spl#: 204517

Matrix: SOIL

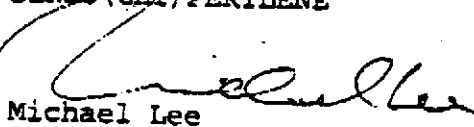
Extracted: September 11, 1998

Sampled: September 2, 1998

Run#: 14828

Analyzed: September 11, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
NAPHTHALENE	N.D.	0.10	N.D.	--	1
ACENAPHTHYLENE	N.D.	0.10	N.D.	--	1
ACENAPHTHENE	N.D.	0.10	N.D.	--	1
FLUORENE	N.D.	0.10	N.D.	80.2	1
PHENANTHRENE	N.D.	0.10	N.D.	--	1
ANTHRACENE	N.D.	0.10	N.D.	--	1
FLUORANTHENE	N.D.	0.10	N.D.	--	1
PYRENE	N.D.	0.10	N.D.	--	1
BENZO (A) ANTHRACENE	N.D.	0.10	N.D.	81.0	1
CHRYSENE	N.D.	0.10	N.D.	--	1
BENZO (B) FLUORANTHENE	N.D.	0.10	N.D.	--	1
BENZO (K) FLUORANTHENE	N.D.	0.10	N.D.	--	1
BENZO (A) PYRENE	N.D.	0.20	N.D.	--	1
INDENO (1, 2, 3-CD) PYRENE	N.D.	0.050	N.D.	--	1
DIBENZO (A, H) ANTHRACENE	N.D.	0.20	N.D.	--	1
BENZO (GH) PERYLENE	N.D.	0.20	N.D.	--	1
	N.D.	0.20	N.D.	--	1

  
 Michael Lee  
 Analyst

  
 Michael Verona  
 Operations Manager

# CHROMALAB, INC.

Environmental Services (SOB)

September 14, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Attn: Romena Jonas

Project: GENERAL TIRE, OAKLAND  
Received: September 4, 1998

Project#: GT-213


re: One sample for Miscellaneous Metals analysis.  
Method: EPA 3010A/3050A/6010A Nov 1990

Client Sample ID: B1 SOIL-11'

Spl#: 204517 Matrix: SOIL  
Sampled: September 2, 1998 Run#: 14743

Extracted: September 8, 1998  
Analyzed: September 8, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
CADMIUM	N.D.	0.50	N.D.	103	1
CHROMIUM	56	1.0	N.D.	104	1
LEAD	15	1.0	N.D.	103	1
NICKEL	38	1.0	N.D.	102	1
ZINC	38	1.0	N.D.	118	1

  
Shafi Barezai  
Analyst

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 18, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND

Project#: GT-213

Received: September 4, 1998

re: 3 samples for TEPH analysis.

Method: EPA 8015M

Matrix: SOIL  
Sampled: September 2, 1998 Run#: 14855

Extracted: September 14, 1998  
Analyzed: September 14, 1998

Spl#	CLIENT SPL ID	Kerosene (mg/Kg)	Diesel (mg/Kg)	Motor Oil (mg/Kg)
204516	B2 SOIL-11'	N.D.	18	N.D.
Note: Hydrocarbon reported is in the late Diesel Range and does not match our Diesel Standard.				
204517	B1 SOIL-11'	N.D.	79	130
Note: Hydrocarbon reported is in the late Diesel Range and does not match our Diesel Standard. High surrogate due to matrix interference.				

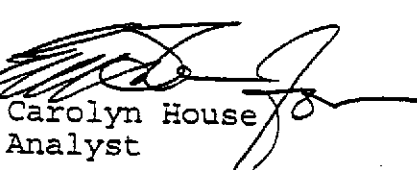
Matrix: SOIL  
Sampled: September 3, 1998 Run#: 14855


Extracted: September 14, 1998  
Analyzed: September 15, 1998

Spl#	CLIENT SPL ID	Kerosene (mg/Kg)	Diesel (mg/Kg)	Motor Oil (mg/Kg)
204518	A1 SOIL-4'6"	N.D.	12	170
Note: Hydrocarbon reported is in the late Diesel Range and does not match our Diesel Standard.				

Reporting Limits  
Blank Result  
Blank Spike Result (%)

1.0	1.0	50
--	N.D.	N.D.
--	80.2	--

  
Carolyn House  
Analyst

  
Bruce Havlik  
Analyst



# CHROMALAB, INC.

Environmental Services (SDB)

September 15, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND  
Received: September 4, 1998

Project#: GT-213

re: One sample for Gasoline analysis.  
Method: 8015Mod

Client Sample ID: B2 SOIL-11'

Spl#: 204516


Matrix: SOIL


Sampled: September 2, 1998

Run#:14882

Analyzed: September 9, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	82	1

  
Vincent Vancil  
Analyst

  
Michael Verona  
Operations Manager

925 933 5362

# CHROMALAB, INC.

Environmental Services (SOE)

September 11, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND

Project#: GT-213

Received: September 4, 1998

re: One sample for Volatile Organics by GC/MS analysis.

Method: SW846 Method 8260A Sept 1994

Client Sample ID: B2 SOIL-11'

Spl#: 204516

Matrix: SOIL

Sampled: September 2, 1998

Run#: 14794

Analyzed: September 9, 1998

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
BENZENE	N.D.	5.0	N.D.	--	1
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	99.1	1
BROMOFORM	N.D.	5.0	N.D.	--	1
BROMOMETHANE	N.D.	5.0	N.D.	--	1
CARBON TETRACHLORIDE	N.D.	10	N.D.	--	1
CHLORO BENZENE	N.D.	5.0	N.D.	--	1
CHLOROETHANE	N.D.	5.0	N.D.	98.0	1
2-BUTANONE (MEK)	N.D.	10	N.D.	--	1
2-CHLOROETHYL VINYLETHER	N.D.	50	N.D.	--	1
CHLOROFORM	N.D.	50	N.D.	--	1
CHLOROMETHANE	N.D.	5.0	N.D.	--	1
DIBROMOCHLOROMETHANE	N.D.	10	N.D.	--	1
1,2-DICHLORO BENZENE	N.D.	5.0	N.D.	--	1
1,3-DICHLORO BENZENE	N.D.	5.0	N.D.	--	1
1,4-DICHLORO BENZENE	N.D.	5.0	N.D.	--	1
1,2-DIBROMO-3-CHLOROPROPANE	N.D.	5.0	N.D.	--	1
1,2-DIBROMOETHANE	N.D.	50	N.D.	--	1
DIBROMOMETHANE	N.D.	10	N.D.	--	1
DICHLORODIFLUOROMETHANE	N.D.	10	N.D.	--	1
1,1-DICHLOROETHANE	N.D.	10	N.D.	--	1
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHENE (CIS)	N.D.	5.0	N.D.	111	1
1,2-DICHLOROETHENE (TRANS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--	1
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
ETHYLENE	N.D.	5.0	N.D.	--	1
2-HEXANONE	N.D.	5.0	N.D.	--	1
METHYLENE CHLORIDE	N.D.	50	N.D.	--	1
4-METHYL-2-PENTANONE (MIBK)	N.D.	5.0	N.D.	--	1
NAPHTHALENE	N.D.	50	N.D.	--	1
STYRENE	N.D.	50	N.D.	--	1
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--	1
TETRACHLOROETHENE	N.D.	5.0	N.D.	--	1
TOLUENE	N.D.	5.0	N.D.	--	1
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	89.9	1
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
TRICHLOROETHENE	N.D.	5.0	N.D.	--	1
1,1,1,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	98.1	1
VINYL ACETATE	N.D.	50	N.D.	--	1
VINYL CHLORIDE	N.D.	5.0	N.D.	--	1

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Federal ID #68-0140157

# CHROMALAB, INC.

Environmental Services (SDB)

September 11, 1998

Submission #: 9809057  
page 2

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas  
Project: GENERAL TIRE, OAKLAND  
Received: September 4, 1998

Project#: GT-213

re: One sample for Volatile Organics by GC/MS analysis, continued.  
Method: SW846 Method 8260A Sept 1994

Client Sample ID: B2 SOIL-11'

Spl#: 204516


Matrix: SOIL


Sampled: September 2, 1998

Run#: 14794

Analyzed: September 9, 1998

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
TOTAL XYLENES	N.D.	10	N.D.	--	1
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--	1
CARBON DISULFIDE	N.D.	5.0	N.D.	--	1
ISOPROPYLBENZENE	N.D.	5.0	N.D.	--	1
BROMOBENZENE	N.D.	5.0	N.D.	--	1
BROMOCHLOROMETHANE	N.D.	20	N.D.	--	1
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--	1

  
June Zhao  
Analyst

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 14, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND  
 Received: September 4, 1998

Project#: GT-213

re: One sample for Polynuclear Aromatic Hydrocarbons (PAHs) analysis.  
 Method: SW846 Method 8270A Nov 1990

Client Sample ID: B2 SOIL-11'

Spl#: 204516

Matrix: SOIL

Extracted: September 11, 1998

Sampled: September 2, 1998

Run#: 14828

Analyzed: September 11, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
NAPHTHALENE	N.D.	0.10	N.D.	--	1
ACENAPHTHYLENE	N.D.	0.10	N.D.	--	1
ACENAPHTHENE	N.D.	0.10	N.D.	--	1
FLUORENE	N.D.	0.10	N.D.	80.2	1
PHENANTHRENE	N.D.	0.10	N.D.	--	1
ANTHRACENE	N.D.	0.10	N.D.	--	1
FLUORANTHENE	N.D.	0.10	N.D.	--	1
PYRENE	N.D.	0.10	N.D.	--	1
BENZO (A) ANTHRACENE	N.D.	0.10	N.D.	81.0	1
CHRYSENE	N.D.	0.10	N.D.	--	1
BENZO (B) FLUORANTHENE	N.D.	0.10	N.D.	--	1
BENZO (K) FLUORANTHENE	N.D.	0.10	N.D.	--	1
BENZO (A) PYRENE	N.D.	0.20	N.D.	--	1
INDENO (1, 2, 3-CD) PYRENE	N.D.	0.050	N.D.	--	1
DIBENZO (A, H) ANTHRACENE	N.D.	0.20	N.D.	--	1
BENZO (GH) PERYLENE	N.D.	0.20	N.D.	--	1
	N.D.	0.20	N.D.	--	1

  
 Michael Lee  
 Analyst

  
 Michael Verona  
 Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 14, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Attn: Romena Jonas

Project: GENERAL TIRE, OAKLAND  
 Received: September 4, 1998

Project#: GT-213

re: One sample for Miscellaneous Metals analysis.  
 Method: EPA 3010A/3050A/6010A Nov 1990

Client Sample ID: B2 SOIL-11'

Spl#: 204516

Matrix: SOIL

Extracted: September 8, 1998


Sampled: September 2, 1998

Run#: 14743

Analyzed: September 8, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
CADMIUM	N.D.	0.50	N.D.	103	1
CHROMIUM	26	1.0	N.D.	104	1
LEAD	37	1.0	N.D.	103	1
NICKEL	27	1.0	N.D.	102	1
ZINC	61	1.0	N.D.	118	1

  
 Shafi Barezai  
 Analyst

  
 Michael Verona  
 Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 18, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND  
Received: September 4, 1998

Project#: GT-213

re: 1 sample for TEPH analysis.  
Method: EPA 8015M


Sampled: September 2, 1998 Matrix: SOIL Run#: 14855


Extracted: September 14, 1998  
Analyzed: September 14, 1998

Spl#	CLIENT SPL ID	Kerosene (mg/Kg)	Diesel (mg/Kg)	Motor Oil (mg/Kg)
204520	C1 SOIL-9'	N.D.	320	480

Note: Hydrocarbon reported is in the late Diesel Range and does not match our Diesel Standard.

Reporting Limits	1.0	1.0	50
Blank Result		N.D.	N.D.
Blank Spike Result (%)	--	80.2	--

  
Carolyn House  
Analyst

  
Bruce Havlik  
Analyst

# CHROMALAB, INC.

Environmental Services (SDB)

September 15, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND  
Received: September 4, 1998

Project#: GT-213

re: One sample for Gasoline analysis.  
Method: 8015Mod

Client Sample ID: C1 SOIL-9'

Spl#: 204520


Matrix: SOIL

Sampled: September 2, 1998

Run#: 14784

Analyzed: September 9, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	87	1

  
Vincent Vancil  
Analyst

  
Michael Verona  
Operations Manager

925-933-5362

# CHROMALAB, INC.

Environmental Services (SDB)

September 11, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND

Project#: GT-213

Received: September 4, 1998

re: One sample for Volatile Organics by GC/MS analysis.

Method: SW846 Method 8260A Sept 1994

Client Sample ID: C1 SOIL-9'

Spl#: 204520

Matrix: SOIL

Sampled: September 2, 1998

Run#: 14762

Analyzed: September 8, 1998

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE FACTOR (%)	DILUTION FACTOR
ACETONE	N.D.	50	N.D.	--	1
BENZENE	N.D.	5.0	N.D.	93.3	1
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--	1
BROMOFORM	N.D.	5.0	N.D.	--	1
BROMOMETHANE	N.D.	10	N.D.	--	1
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--	1
CHLOROBENZENE	N.D.	5.0	N.D.	97.4	1
CHLOROETHANE	N.D.	10	N.D.	--	1
2-BUTANONE (MEK)	N.D.	50	N.D.	--	1
2-CHLOROETHYL VINYLETHER	N.D.	50	N.D.	--	1
CHLOROFORM	N.D.	5.0	N.D.	--	1
CHLOROMETHANE	N.D.	10	N.D.	--	1
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,3-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,2-DIBROMO-3-CHLOROPROPANE	N.D.	50	N.D.	--	1
1,2-DIBROMOETHANE	N.D.	10	N.D.	--	1
DIBROMOMETHANE	N.D.	10	N.D.	--	1
DICHLORODIFLUOROMETHANE	N.D.	5.0	N.D.	--	1
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHENE (CIS)	N.D.	5.0	N.D.	110	1
1,2-DICHLOROETHENE (TRANS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--	1
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
ETHYLENE	N.D.	5.0	N.D.	--	1
2-HEXANONE	N.D.	50	N.D.	--	1
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--	1
4-METHYL-2-PENTANONE (MIBK)	N.D.	50	N.D.	--	1
NAPHTHALENE	N.D.	50	N.D.	--	1
STYRENE	N.D.	5.0	N.D.	--	1
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--	1
TETRACHLOROETHENE	N.D.	5.0	N.D.	--	1
TOLUENE	N.D.	5.0	N.D.	--	1
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	86.2	1
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
TRICHLOROETHENE	N.D.	5.0	N.D.	--	1
1,1,1,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	97.0	1
VINYL ACETATE	N.D.	50	N.D.	--	1
VINYL CHLORIDE	N.D.	5.0	N.D.	--	1

925-93-5362 GC 09/14



# CHROMALAB, INC.

Environmental Services (SDB)

September 11, 1998

Submission #: 9809057  
page 2

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND

Project#: GT-213

Received: September 4, 1998

re: One sample for Volatile Organics by GC/MS analysis, continued.

Method: SW846 Method 8260A Sept 1994

Client Sample ID: C1 SOIL-9'

Spl#: 204520


Matrix: SOIL

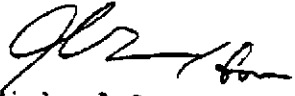
Sampled: September 2, 1998

Run#: 14762

Analyzed: September 8, 1998

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
TOTAL XYLENES	N.D.	10	N.D.	--	1
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--	1
CARBON DISULFIDE	N.D.	5.0	N.D.	--	1
ISOPROPYLBENZENE	N.D.	5.0	N.D.	--	1
BROMOBENZENE	N.D.	5.0	N.D.	--	1
BROMOCHLOROMETHANE	N.D.	20	N.D.	--	1
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--	1

  
June Zhao  
Analyst

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 14, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND  
 Received: September 4, 1998

Project#: GT-213

re: One sample for Polynuclear Aromatic Hydrocarbons (PAHs) analysis.  
 Method: SW846 Method 8270A Nov 1990

Client Sample ID: C1 SOIL-9

Spl#: 204520

Matrix: SOIL

Extracted: September 11, 1998

Sampled: September 2, 1998

Run#: 14828

Analyzed: September 11, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
NAPHTHALENE	N.D.	0.10	N.D.	--	1
ACENAPHTHYLENE	N.D.	0.10	N.D.	--	1
ACENAPHTHENE	N.D.	0.10	N.D.	--	1
FLUORENE	N.D.	0.10	N.D.	80.2	1
PHENANTHRENE	N.D.	0.10	N.D.	--	1
ANTHRACENE	N.D.	0.10	N.D.	--	1
FLUORANTHENE	N.D.	0.10	N.D.	--	1
PYRENE	N.D.	0.10	N.D.	--	1
BENZO (A) ANTHRACENE	N.D.	0.10	N.D.	81.0	1
CHRYSENE	N.D.	0.10	N.D.	--	1
BENZO (B) FLUORANTHENE	N.D.	0.10	N.D.	--	1
BENZO (K) FLUORANTHENE	N.D.	0.10	N.D.	--	1
BENZO (A) PYRENE	N.D.	0.20	N.D.	--	1
INDENO (1, 2, 3-CD) PYRENE	N.D.	0.050	N.D.	--	1
DIBENZO (A, H) ANTHRACENE	N.D.	0.20	N.D.	--	1
BENZO (GH) PERYLENE	N.D.	0.20	N.D.	--	1
	N.D.	0.20	N.D.	--	1

  
 Michael Lee  
 Analyst

  
 Michael Verona  
 Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 14, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND  
 Received: September 4, 1998

Project#: GT-213

re: One sample for Miscellaneous Metals analysis.  
 Method: EPA 3010A/3050A/6010A Nov 1990

Client Sample ID: C1 SOIL-9'

Spl#: 204520

Matrix: SOIL

Extracted: September 8, 1998

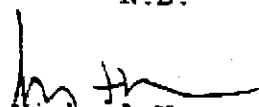
Sampled: September 2, 1998

Run#: 14743

Analyzed: September 8, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
CADMIUM	N.D.	0.50	N.D.	103	1
CHROMIUM	19	1.0	N.D.	104	1
LEAD	31	1.0	N.D.	103	1
NICKEL	21	1.0	N.D.	102	1
ZINC	51	1.0	N.D.	118	1

  
 Shafi Barezai  
 Analyst

  
 Michael Verona  
 Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 18, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND

Project#: GT-213

Received: September 4, 1998

re: 2 samples for TEPH analysis.

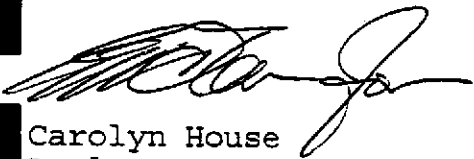
Method: EPA 8015M


Matrix: SOIL  
Sampled: September 2, 1998 Run#: 14855

Extracted: September 14, 1998  
Analyzed: September 16, 1998

Spl#	CLIENT SPL ID	Kerosene (mg/Kg)	Diesel (mg/Kg)	Motor Oil (mg/Kg)
204521	C2 SOIL-8'6"	N.D.	360	2000
<i>Note: Hydrocarbon reported is in the late Diesel Range and does not match our Diesel Standard. Surrogate was diluted out.</i>				
204522	D1 SOIL-8'6"	N.D.	1000	2200
<i>Note: Hydrocarbon reported is in the late Diesel Range and does not match our Diesel Standard. Surrogate was diluted out.</i>				

Reporting Limits	50	50	1000
Blank Result		N.D.	N.D.
Blank Spike Result (%)	--	80.2	--

  
Carolyn House  
Analyst

  
Bruce Havlik  
Analyst

# CHROMALAB, INC.

Environmental Services (SDB)

September 15, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND  
Received: September 4, 1998

Project#: GT-213

re: One sample for Gasoline analysis.  
Method: 8015Mod

Client Sample ID: C2 SOIL-8'6"

Spl#: 204521


Matrix: SOIL


Sampled: September 2, 1998

Run#: 14784

Analyzed: September 9, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	87	1

  
Vincent Vancil  
Analyst

  
Michael Verona  
Operations Manager

925-933-5362

# CHROMALAB, INC.

Environmental Services (SDB)

September 11, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND

Received: September 4, 1998

Project#: GT-213

re: One sample for Volatile Organics by GC/MS analysis.

Method: SW846 Method 8260A Sept 1994

Client Sample ID: C2 SOIL-8'6"

Spl#: 204521

Matrix: SOIL

Sampled: September 2, 1998

Run#: 14762

Analyzed: September 8, 1998

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
ACETONE	N.D.	250	N.D.	--	
BENZENE	N.D.	25	N.D.	93.3	
BROMODICHLOROMETHANE	N.D.	25	N.D.	--	
BROMOFORM	N.D.	25	N.D.	--	
BROMOMETHANE	N.D.	50	N.D.	--	
CARBON TETRACHLORIDE	N.D.	25	N.D.	--	
CHLOROBENZENE	N.D.	25	N.D.	--	
CHLORoETHANE	N.D.	50	N.D.	97.4	
2-BUTANONE (MEK)	N.D.	250	N.D.	--	
2-CHLOROETHYL VINYL ETHER	N.D.	250	N.D.	--	
CHLOROFORM	N.D.	25	N.D.	--	
CHLOROMETHANE	N.D.	50	N.D.	--	
DIBROMOCHLOROMETHANE	N.D.	25	N.D.	--	
1,2-DICHLOROBENZENE	N.D.	25	N.D.	--	
1,3-DICHLOROBENZENE	N.D.	25	N.D.	--	
1,4-DICHLOROBENZENE	N.D.	25	N.D.	--	
1,2-DIBROMO-3-CHLOROPROPANE	N.D.	250	N.D.	--	
1,2-DIBROMOETHANE	N.D.	50	N.D.	--	
DIBROMOMETHANE	N.D.	50	N.D.	--	
DICHLORODIFLUOROMETHANE	N.D.	50	N.D.	--	
1,1-DICHLOROETHANE	N.D.	25	N.D.	--	
1,2-DICHLOROETHANE	N.D.	25	N.D.	--	
1,1-DICHLOROETHENE	N.D.	25	N.D.	--	
1,2-DICHLOROETHENE (CIS)	N.D.	25	N.D.	110	
1,2-DICHLOROETHENE (TRANS)	N.D.	25	N.D.	--	
1,2-DICHLOROPROPANE	N.D.	25	N.D.	--	
CIS-1,3-DICHLOROPROPENE	N.D.	25	N.D.	--	
TRANS-1,3-DICHLOROPROPENE	N.D.	25	N.D.	--	
ETHYLBENZENE	N.D.	25	N.D.	--	
2-HEXANONE	N.D.	25	N.D.	--	
METHYLENE CHLORIDE	N.D.	250	N.D.	--	
4-METHYL-2-PENTANONE (MIBK)	N.D.	25	N.D.	--	
NAPHTHALENE	N.D.	250	N.D.	--	
STYRENE	N.D.	250	N.D.	--	
1,1,2,2-TETRACHLOROETHANE	N.D.	25	N.D.	--	
TETRACHLOROETHENE	N.D.	25	N.D.	--	
TOLUENE	N.D.	25	N.D.	--	
1,1,1-TRICHLOROETHANE	N.D.	25	N.D.	86.2	
1,1,2-TRICHLOROETHANE	N.D.	25	N.D.	--	
TRICHLOROETHENE	N.D.	25	N.D.	--	
1,1,1,2-TETRACHLOROETHANE	N.D.	25	N.D.	97.0	
VINYL ACETATE	N.D.	25	N.D.	--	
VINYL CHLORIDE	N.D.	25	N.D.	--	

925-938-5362 cc 0814

1220 Quarry Lane • Pleasanton, California 94566-4756

(925) 484-1919 • Facsimile (925) 484-1096

Federal ID #68-0140157

# CHROMALAB, INC.

Environmental Services (SOB)

September 11, 1998

Submission #: 9809057  
page 2

JONAS & ASSOCIATES, INC.

Attn: Romena Jonas

Project: GENERAL TIRE, OAKLAND

Project#: GT-213

Received: September 4, 1998

re: One sample for Volatile Organics by GC/MS analysis, continued.

Method: SW846 Method 8260A Sept 1994

Client Sample ID: C2 SOIL-8'6"

Spl#: 204521

Matrix: SOIL


Sampled: September 2, 1998

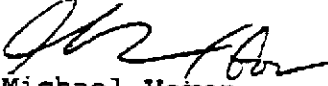
Run#: 14762

Analyzed: September 8, 1998

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
TOTAL XYLENES	N.D.	50	N.D.	--	5
TRICHLOROTRIFLUOROETHANE	N.D.	25	N.D.	--	
CARBON DISULFIDE	N.D.	25	N.D.	--	
ISOPROPYLBENZENE	N.D.	25	N.D.	--	
BROMOBENZENE	N.D.	25	N.D.	--	
BROMOCHLOROMETHANE	N.D.	100	N.D.	--	
TRICHLOROFLUOROMETHANE	N.D.	25	N.D.	--	

Note: REPORTING LIMITS RAISED DUE TO HIGH LEVELS OF NON-TARGET COMPOUNDS.

  
June Zhao  
Analyst

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 14, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND  
 Received: September 4, 1998

Project#: GT-213

re: One sample for Polynuclear Aromatic Hydrocarbons (PAHs) analysis.  
 Method: SW846 Method 8270A Nov 1990

Client Sample ID: C2 SOIL-8'6"

Spl#: 204521

Matrix: SOIL

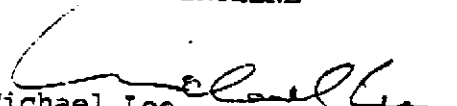
Extracted: September 11, 1998

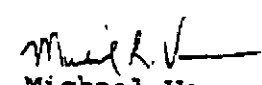
Sampled: September 2, 1998

Run#: 14828

Analyzed: September 11, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE [%]	DILUTION FACTOR
NAPHTHALENE	N.D.	0.10	N.D.	--	1
ACENAPHTHYLENE	N.D.	0.10	N.D.	--	1
ACENAPHTHENE	N.D.	0.10	N.D.	80.2	1
FLUORENE	N.D.	0.10	N.D.	--	1
PHENANTHRENE	N.D.	0.10	N.D.	--	1
ANTHRACENE	N.D.	0.10	N.D.	--	1
FLUORANTHENE	N.D.	0.10	N.D.	--	1
PYRENE	N.D.	0.10	N.D.	--	1
BENZO (A) ANTHRACENE	N.D.	0.10	N.D.	81.0	1
CHRYSENE	N.D.	0.10	N.D.	--	1
BENZO (B) FLUORANTHENE	N.D.	0.10	N.D.	--	1
BENZO (K) FLUORANTHENE	N.D.	0.10	N.D.	--	1
BENZO (A) PYRENE	N.D.	0.20	N.D.	--	1
INDENO (1, 2, 3-CD) PYRENE	N.D.	0.050	N.D.	--	1
DIBENZO (A, H) ANTHRACENE	N.D.	0.20	N.D.	--	1
BENZO (GHI) PERYLENE	N.D.	0.20	N.D.	--	1

  
 Michael Lee  
 Analyst

  
 Michael Verona  
 Operations Manager



# CHROMALAB, INC.

Environmental Services (SDB)

September 14, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND  
Received: September 4, 1998

Project#: GT-213

re: One sample for Miscellaneous Metals analysis.  
Method: EPA 3010A/3050A/6010A Nov 1990

Client Sample ID: C2 SOIL-8'6"

Spl#: 204521

Matrix: SOIL

Extracted: September 8, 1998

Sampled: September 2, 1998

Run#: 14743

Analyzed: September 8, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
CADMIUM	1.7	0.50	N.D.	103	1
CHROMIUM	33	1.0	N.D.	104	1
LEAD	150	1.0	N.D.	103	1
NICKEL	39	1.0	N.D.	102	1
ZINC	160	1.0	N.D.	118	1

*Shafi Barezai*  
Analyst

*Michael Verona*  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 18, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND

Project#: GT-213

Received: September 4, 1998

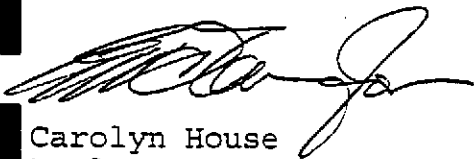
re: 2 samples for TEPH analysis.  
Method: EPA 8015M


Matrix: SOIL  
Sampled: September 2, 1998 Run#: 14855

Extracted: September 14, 1998  
Analyzed: September 16, 1998

Spl#	CLIENT SPL ID	Kerosene (mg/Kg)	Diesel (mg/Kg)	Motor Oil (mg/Kg)
204521	C2 SOIL-8'6"	N.D.	360	2000
<i>Note: Hydrocarbon reported is in the late Diesel Range and does not match our Diesel Standard. Surrogate was diluted out.</i>				
204522	D1 SOIL-8'6"	N.D.	1000	2200
<i>Note: Hydrocarbon reported is in the late Diesel Range and does not match our Diesel Standard. Surrogate was diluted out.</i>				

Reporting Limits	50	50	1000
Blank Result		N.D.	N.D.
Blank Spike Result (%)	--	80.2	--

  
Carolyn House  
Analyst

  
Bruce Havlik  
Analyst

# CHROMALAB, INC.

Environmental Services (SDB)

September 15, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND  
 Received: September 4, 1998

Project#: GT-213

re: One sample for Gasoline analysis.  
 Method: 8015Mod

Client Sample ID: D1 SOIL-8'6"

Spl#: 204522

Matrix: SOIL

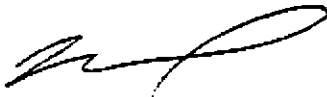
Sampled: September 2, 1998

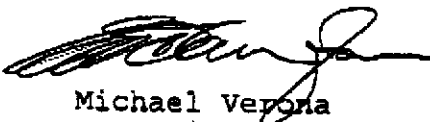
Run#:14784

Analyzed: September 9, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	87	1

Note: Hydrocarbon found in Gasoline Range is uncharacteristic of Gasoline Profile. If quantified using Gasoline's response factor, concentration would equal 2.0mg/Kg.

  
 Vincent Vancil  
 Analyst

  
 Michael Verona  
 Operations Manager

~~925-933-5362~~

# CHROMALAB, INC.

Environmental Services (SDB)

September 11, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND

Project#: GT-213

Received: September 4, 1998

re: One sample for Volatile Organics by GC/MS analysis.

Method: SW846 Method 8260A Sept 1994

Client Sample ID: D1 SOIL-8'6"

Spl#: 204522

Matrix: SOIL

Sampled: September 2, 1998

Run#: 14794

Analyzed: September 9, 1998

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
ACETONE	N.D.	50	N.D.	--	1
BENZENE	N.D.	5.0	N.D.	99.1	1
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--	1
BROMOFORM	N.D.	5.0	N.D.	--	1
BROMOMETHANE	N.D.	10	N.D.	--	1
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--	1
CHLOROBENZENE	N.D.	5.0	N.D.	--	1
CHLOROETHANE	N.D.	10	N.D.	98.0	1
2-BUTANONE (MEK)	N.D.	50	N.D.	--	1
2-CHLOROETHYL VINYLETHER	N.D.	50	N.D.	--	1
CHLOROFORM	N.D.	5.0	N.D.	--	1
CHLOROMETHANE	N.D.	10	N.D.	--	1
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,3-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,2-DIBROMO-3-CHLOROPROPANE	N.D.	50	N.D.	--	1
1,2-DIBROMOETHANE	N.D.	10	N.D.	--	1
DIBROMOMETHANE	N.D.	10	N.D.	--	1
DICHLORODIFLUOROMETHANE	N.D.	10	N.D.	--	1
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHENE (CIS)	N.D.	5.0	N.D.	111	1
1,2-DICHLOROETHENE (TRANS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--	1
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
ETHYLENENE	N.D.	5.0	N.D.	--	1
2-HEXANONE	N.D.	50	N.D.	--	1
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--	1
4-METHYL-2-PENTANONE (MIBK)	N.D.	50	N.D.	--	1
NAPHTHALENE	N.D.	50	N.D.	--	1
STYRENE	N.D.	50	N.D.	--	1
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--	1
TETRACHLOROETHENE	N.D.	5.0	N.D.	--	1
TOLUENE	N.D.	5.0	N.D.	--	1
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	89.9	1
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
TRICHLOROETHENE	N.D.	5.0	N.D.	--	1
1,1,1,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	98.1	1
VINYL ACETATE	N.D.	50	N.D.	--	1
VINYL CHLORIDE	N.D.	5.0	N.D.	--	1

925-938-5362 ext 0014

1220 Quarry Lane • Pleasanton, California 94566-4756

(925) 484-1919 • Facsimile (925) 484-1096

Federal ID #68-0140157

# CHROMALAB, INC.

Environmental Services (SDB)

September 11, 1998

Submission #: 9809057  
page 2

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND

Project#: GT-213

Received: September 4, 1998

re: One sample for Volatile Organics by GC/MS analysis, continued.  
Method: SW846 Method 8260A Sept 1994

Client Sample ID: D1 SOIL-8'6"

Spl#: 204522

Matrix: SOIL


Sampled: September 2, 1998

Run#: 14794

Analyzed: September 9, 1998

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
TOTAL XYLENES	N.D.	10	N.D.	--	1
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--	1
CARBON DISULFIDE	N.D.	5.0	N.D.	--	1
ISOPROPYLBENZENE	N.D.	5.0	N.D.	--	1
BROMOBENZENE	N.D.	5.0	N.D.	--	1
BROMOCHLOROMETHANE	N.D.	20	N.D.	--	1
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--	1

June Zhao  
Analyst

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 14, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND  
 Received: September 4, 1998

Project#: GT-213

re: One sample for Polynuclear Aromatic Hydrocarbons (PAHs) analysis.  
 Method: SW846 Method 8270A Nov 1990

Client Sample ID: D1 SOIL-8'6"

Spl#: 204522

Sampled: September 2, 1998

Matrix: SOIL

Run#: 14828

Extracted: September 11, 1998

Analyzed: September 11, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
NAPHTHALENE	N.D.	0.10	N.D.	--	1
ACENAPHTHYLENE	N.D.	0.10	N.D.	--	1
ACENAPHTHENE	N.D.	0.10	N.D.	--	1
FLUORENE	N.D.	0.10	N.D.	80.2	1
PHENANTHRENE	N.D.	0.10	N.D.	--	1
ANTHRACENE	N.D.	0.10	N.D.	--	1
FLUORANTHRENE	N.D.	0.10	N.D.	--	1
PYRENE	N.D.	0.10	N.D.	--	1
BENZO (A) ANTHRACENE	N.D.	0.10	N.D.	81.0	1
CHRYSENE	N.D.	0.10	N.D.	--	1
BENZO (B) FLUORANTHRENE	N.D.	0.10	N.D.	--	1
BENZO (K) FLUORANTHRENE	N.D.	0.10	N.D.	--	1
BENZO (A) PYRENE	N.D.	0.20	N.D.	--	1
INDENO (1, 2, 3-CD) PYRENE	N.D.	0.050	N.D.	--	1
DIBENZO (A, H) ANTHRACENE	N.D.	0.20	N.D.	--	1
BENZO (GH) PERYLENE	N.D.	0.20	N.D.	--	1
	N.D.	0.20	N.D.	--	1

*Michael Lee*  
 Michael Lee  
 Analyst

*Michael Verona*  
 Michael Verona  
 Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 14, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Attn: Romena Jonas

Project: GENERAL TIRE, OAKLAND  
 Received: September 4, 1998

Project#: GT-213

re: One sample for Miscellaneous Metals analysis.  
 Method: EPA 3010A/3050A/6010A Nov 1990

Client Sample ID: D1 SOIL-8'6"


Spl#: 204522  
 Sampled: September 2, 1998

Matrix: SOIL  
 Run#: 14743

Extracted: September 8, 1998  
 Analyzed: September 8, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
CADMIUM	N.D.	0.50	N.D.	103	1
CHROMIUM	23	1.0	N.D.	104	1
LEAD	17	1.0	N.D.	103	1
NICKEL	20	1.0	N.D.	102	1
ZINC	35	1.0	N.D.	118	1

  
 Shafi Barezai  
 Analyst

  
 Michael Verona  
 Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 18, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND

Project#: GT-213

Received: September 4, 1998

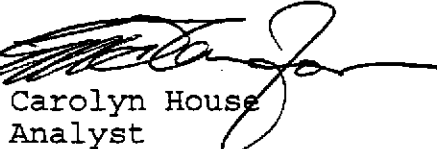
re: 1 sample for TEPH analysis.  
Method: EPA 8015M


Matrix: SOIL                      Extracted: September 14, 1998  
Sampled: September 3, 1998      Run#: 14855                      Analyzed: September 15, 1998

Spl#	CLIENT SPL ID	Kerosene (mg/Kg)	Diesel (mg/Kg)	Motor Oil (mg/Kg)
204523	D2 SOIL-8'6"	N.D.	62	160

Note: Hydrocarbon reported is in the late Diesel Range and does not match our Diesel Standard. High surrogate due to matrix interference.

Reporting Limits	1.0	1.0	50
Blank Result		N.D.	N.D.
Blank Spike Result (%)	--	80.2	--

  
Carolyn House  
Analyst

  
Bruce Havlik  
Analyst



# CHROMALAB, INC.

Environmental Services (SDB)

September 15, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND  
Received: September 4, 1998

Project#: GT-213

re: One sample for Gasoline analysis.  
Method: 8015Mod

Client Sample ID: D2 SOIL-8'6"

Spl#: 204523


Matrix: SOIL

Sampled: September 3, 1998

Run#:14784

Analyzed: September 9, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	87	1

  
Vincent Vancil  
Analyst

  
Michael Verona  
Operations Manager

925-933-5362

# CHROMALAB, INC.

Environmental Services (SDS)

September 11, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND

Project#: GT-213

Received: September 4, 1998

re: One sample for Volatile Organics by GC/MS analysis.

Method: SW846 Method 8260A Sept 1994

Client Sample ID: D2 SOIL-8'6"

Sol#: 204523

Matrix: SOIL

Sampled: September 3, 1998

Run#: 14794

Analyzed: September 9, 1998

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
ACETONE	N.D.	50	N.D.	--	1
BENZENE	N.D.	5.0	N.D.	99.1	1
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--	1
BROMOFORM	N.D.	5.0	N.D.	--	1
BROMOMETHANE	N.D.	10	N.D.	--	1
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--	1
CHLOROBENZENE	N.D.	5.0	N.D.	--	1
CHLOROETHANE	N.D.	10	N.D.	98.0	1
2-BUTANONE (MEK)	N.D.	50	N.D.	--	1
2-CHLOROETHYLVINYLETHER	N.D.	50	N.D.	--	1
CHLOROFORM	N.D.	5.0	N.D.	--	1
CHLOROMETHANE	N.D.	10	N.D.	--	1
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,3-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,2-DIBROMO-3-CHLOROPROPANE	N.D.	50	N.D.	--	1
1,2-DIBROMOETHANE	N.D.	10	N.D.	--	1
DIBROMOMETHANE	N.D.	10	N.D.	--	1
DICHLORODIFLUOROMETHANE	N.D.	10	N.D.	--	1
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHENE (CIS)	N.D.	5.0	N.D.	111	1
1,2-DICHLOROETHENE (TRANS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--	1
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
ETHYLENENE	N.D.	5.0	N.D.	--	1
2-HEXANONE	N.D.	50	N.D.	--	1
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--	1
4-METHYL-2-PENTANONE (MIBK)	N.D.	50	N.D.	--	1
NAPHTHALENE	N.D.	50	N.D.	--	1
STYRENE	N.D.	50	N.D.	--	1
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--	1
TETRACHLOROETHENE	N.D.	5.0	N.D.	--	1
TOLUENE	N.D.	5.0	N.D.	--	1
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	89.9	1
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
TRICHLOROETHENE	N.D.	5.0	N.D.	--	1
1,1,1,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	98.1	1
VINYL ACETATE	N.D.	50	N.D.	--	1
VINYL CHLORIDE	N.D.	5.0	N.D.	--	1

925-931-5362

# CHROMALAB, INC.

Environmental Services (SDB)

September 11, 1998

Submission #: 9809057  
page 2

JONAS & ASSOCIATES, INC.

Attn: Romena Jonas

Project: GENERAL TIRE, OAKLAND

Project#: GT-213

Received: September 4, 1998

re: One sample for Volatile Organics by GC/MS analysis, continued.

Method: SW846 Method 8260A Sept 1994

Client Sample ID: D2 SOIL-8'6"

Spl#: 204523

Matrix: SOIL

Sampled: September 3, 1998

Run#: 14794

Analyzed: September 9, 1998

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
TOTAL XYLENES	N.D.	10	N.D.	--	1
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--	1
CARBON DISULFIDE	N.D.	5.0	N.D.	--	1
ISOPROPYLBENZENE	N.D.	5.0	N.D.	--	1
BROMOBENZENE	N.D.	5.0	N.D.	--	1
BROMOCHLOROMETHANE	N.D.	20	N.D.	--	1
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--	1

June Zhao  
Analyst

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 14, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND  
 Received: September 4, 1998

Project#: GT-213

re: One sample for Polynuclear Aromatic Hydrocarbons (PAHs) analysis.  
 Method: SW846 Method 8270A Nov 1990

Client Sample ID: D2 SOIL-8'6"

Spl#: 204523

Matrix: SOIL

Extracted: September 11, 1998

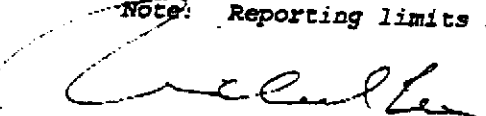
Sampled: September 3, 1998

Run#: 14828

Analyzed: September 11, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
NAPHTHALENE	N.D.	0.20	N.D.	--	2
ACENAPHTHYLENE	N.D.	0.20	N.D.	--	2
ACENAPHTHENE	N.D.	0.20	N.D.	--	2
FLUORENE	N.D.	0.20	N.D.	80.2	2
PHENANTHRENE	N.D.	0.20	N.D.	--	2
ANTHRACENE	N.D.	0.20	N.D.	--	2
FLUORANTHENE	N.D.	0.20	N.D.	--	2
PYRENE	N.D.	0.20	N.D.	--	2
BENZO (A) ANTHRACENE	N.D.	0.20	N.D.	81.0	2
CHRYSENE	N.D.	0.20	N.D.	--	2
BENZO (B) FLUORANTHENE	N.D.	0.20	N.D.	--	2
BENZO (K) FLUORANTHENE	N.D.	0.20	N.D.	--	2
BENZO (A) PYRENE	N.D.	0.40	N.D.	--	2
INDENO (1,2,3-CD) PYRENE	N.D.	0.10	N.D.	--	2
DIBENZO (A,H) ANTHRACENE	N.D.	0.40	N.D.	--	2
BENZO (GHI) PERYLENE	N.D.	0.40	N.D.	--	2
	N.D.	0.40	N.D.	--	2

Note: Reporting limits raised due to matrix interference.

  
 Michael Lee  
 Analyst

  
 Michael Verona  
 Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 14, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND  
 Received: September 4, 1998

Project#: GT-213

re: One sample for Miscellaneous Metals analysis.  
 Method: EPA 3010A/3050A/6010A Nov 1990

Client Sample ID: D2 SOIL-8'6"

Spl#: 204523

Matrix: SOIL


Extracted: September 9, 1998

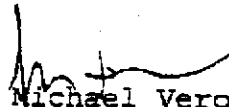
Sampled: September 3, 1998

Run#: 14754

Analyzed: September 9, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
CADMIUM	N.D.	0.50	N.D.	99.1	1
CHROMIUM	20	1.0	N.D.	98.5	1
LEAD	28	1.0	N.D.	99.4	1
NICKEL	28	1.0	N.D.	97.4	1
ZINC	60	1.0	1.45	96.8	1

  
 Christopher Arndt  
 Analyst

  
 Michael Verona  
 Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 18, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND

Project#: GT-213

Received: September 4, 1998

re: 1 sample for TEPH analysis.

Method: EPA 8015M

Matrix: SOIL  
Sampled: September 2, 1998 Run#: 14855

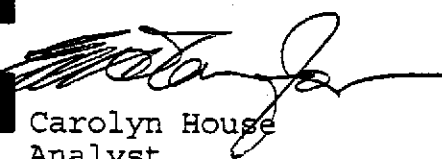
Extracted: September 14, 1998  
Analyzed: September 15, 1998

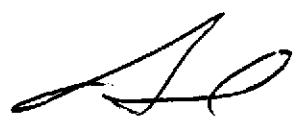
Spl#	CLIENT SPL ID	Kerosene (mg/Kg)	Diesel (mg/Kg)	Motor Oil (mg/Kg)
204524	E SOIL-8'	N.D.	1800	2300

Note: Hydrocarbon reported is in the late Diesel Range and does not match our Diesel Standard. High surrogate due to matrix interference.

Reporting Limits  
Blank Result  
Blank Spike Result (%)

10	10	200
--	N.D.	N.D.
--	80.2	--

  
Carolyn House  
Analyst

  
Bruce Havlik  
Analyst

# CHROMALAB, INC.

Environmental Services (SOB)

September 15, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND  
Received: September 4, 1998

Project#: GT-213

re: One sample for Gasoline analysis.  
Method: 8015Mod

Client Sample ID: E SOIL-8'

Spl#: 204524

Matrix: SOIL

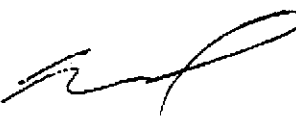
Sampled: September 2, 1998


Run#: 14817

Analyzed: September 9, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	92	1

Note: Surrogate Recoveries demonstrate Matrix interference.

  
Vincent Vancil  
Analyst

  
Michael Verona  
Operations Manager

925 933 5362

# CHROMALAB, INC.

Environmental Services (SDB)

September 11, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Attn: Romena Jonas

Project: GENERAL TIRE, OAKLAND

Project#: GT-213

Received: September 4, 1998

re: One sample for Volatile Organics by GC/MS analysis.

Method: SW846 Method 8260A Sept 1994

Client Sample ID: E SOIL-8'

Spl#: 204524

Matrix: SOIL

Sampled: September 2, 1998

Run#: 14794

Analyzed: September 9, 1998

ANALYCE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
ACETONE	N.D.	50	N.D.	--	1
BENZENE	N.D.	5.0	N.D.	99.1	1
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--	1
BROMOFORM	N.D.	5.0	N.D.	--	1
BROMOMETHANE	N.D.	10	N.D.	--	1
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--	1
CHLOROBENZENE	N.D.	5.0	N.D.	98.0	1
CHLOROETHANE	N.D.	10	N.D.	--	1
2-BUTANONE (MEK)	N.D.	50	N.D.	--	1
2-CHLOROETHYLVINYLETHER	N.D.	50	N.D.	--	1
CHLOROFORM	N.D.	5.0	N.D.	--	1
CHLOROMETHANE	N.D.	10	N.D.	--	1
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,3-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,2-DIBROMO-3-CHLOROPROPANE	N.D.	50	N.D.	--	1
1,2-DIBROMOETHANE	N.D.	10	N.D.	--	1
DIBROMOMETHANE	N.D.	10	N.D.	--	1
DICHLORODIFLUOROMETHANE	N.D.	10	N.D.	--	1
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHENE (CIS)	N.D.	5.0	N.D.	111	1
1,2-DICHLOROETHENE (TRANS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--	1
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
ETHYLENENE	N.D.	5.0	N.D.	--	1
2-HEXANONE	N.D.	50	N.D.	--	1
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--	1
4-METHYL-2-PENTANONE (MIBK)	N.D.	50	N.D.	--	1
NAPHTHALENE	N.D.	50	N.D.	--	1
STYRENE	N.D.	50	N.D.	--	1
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--	1
TETRACHLOROETHENE	N.D.	5.0	N.D.	--	1
TOLUENE	N.D.	5.0	N.D.	--	1
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	89.9	1
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
TRICHLOROETHENE	N.D.	5.0	N.D.	--	1
1,1,1,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	98.1	1
VINYL ACETATE	N.D.	50	N.D.	--	1
VINYL CHLORIDE	N.D.	5.0	N.D.	--	1

925-931-5362

1220 Quarry Lane • Pleasanton, California 94566-4756

(925) 484-1919 • Facsimile (925) 484-1096

Federal ID #68-0140157



# CHROMALAB, INC.

Environmental Services (SDB)

September 11, 1998

Submission #: 9809057  
page 2

JONAS & ASSOCIATES, INC.

Attn: Romena Jonas

Project: GENERAL TIRE, OAKLAND

Project#: GT-213

Received: September 4, 1998

re: One sample for Volatile Organics by GC/MS analysis, continued.

Method: SW846 Method 8260A Sept 1994

Client Sample ID: E SOIL-8'

Sol#: 204524

Matrix: SOIL


Sampled: September 2, 1998

Run#: 14794

Analyzed: September 9, 1998

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
TOTAL XYLENES	14	10	N.D.	--	1
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--	1
CARBON DISULFIDE	N.D.	5.0	N.D.	--	1
ISOPROPYLBENZENE	N.D.	5.0	N.D.	--	1
BROMOBENZENE	N.D.	5.0	N.D.	--	1
BROMOCHLOROMETHANE	N.D.	20	N.D.	--	1
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--	1

June Zhao  
Analyst

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 14, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND  
 Received: September 4, 1998

Project#: GT-213

re: One sample for Polynuclear Aromatic Hydrocarbons (PAHs) analysis.  
 Method: SW846 Method 8270A Nov 1990

Client Sample ID: E SOIL-8'

Spl#: 204524

Matrix: SOIL

Extracted: September 11, 1998

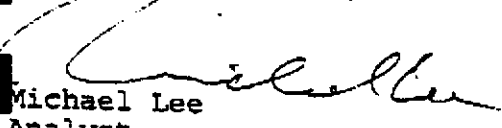
Sampled: September 2, 1998

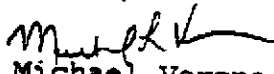
Run#: 14828

Analyzed: September 11, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
NAPHTHALENE	N.D.	1.0	N.D.	--	10
ACENAPHTHYLENE	N.D.	1.0	N.D.	--	10
ACENAPHTHENE	N.D.	1.0	N.D.	80.2	10
FLUORENE	N.D.	1.0	N.D.	--	10
PHENANTHRENE	N.D.	1.0	N.D.	--	10
ANTHRACENE	N.D.	1.0	N.D.	--	10
FLUORANTHENE	N.D.	1.0	N.D.	--	10
PYRENE	N.D.	1.0	N.D.	--	10
BENZO (A) ANTHRACENE	N.D.	1.0	N.D.	81.0	10
CHRYSENE	N.D.	1.0	N.D.	--	10
BENZO (B) FLUORANTHENE	N.D.	1.0	N.D.	--	10
BENZO (K) FLUORANTHENE	N.D.	1.0	N.D.	--	10
BENZO (A) PYRENE	N.D.	2.0	N.D.	--	10
INDENO (1, 2, 3-CD) PYRENE	N.D.	0.50	N.D.	--	10
DIBENZO (A, H) ANTHRACENE	N.D.	2.0	N.D.	--	10
BENZO (GHI) PERYLENE	N.D.	2.0	N.D.	--	10

Note: Reporting limits raised due to matrix interference.

  
 Michael Lee  
 Analyst

  
 Michael Verona  
 Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 14, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND  
Received: September 4, 1998

Project#: GT-213

re: One sample for Miscellaneous Metals analysis.  
Method: EPA 3010A/3050A/6010A Nov 1990

Client Sample ID: E SOIL-8'

Spl#: 204524

Matrix: SOIL

Extracted: September 9, 1998

Sampled: September 2, 1998

Run#: 14754

Analyzed: September 9, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
CADMIUM	N.D.	0.50	N.D.	99.1	1
CHROMIUM	24	1.0	N.D.	98.5	1
LEAD	37	1.0	N.D.	99.4	1
NICKEL	28	1.0	N.D.	97.4	1
ZINC	300	1.0	1.45	96.8	1

*C. Arndt*  
Christopher Arndt  
Analyst

*Michael Verona*  
Michael Verona  
Operations Manager

989057

41793

# CHROMALAB, INC.

1220 Quarry Lane • Pleasanton, California 94566-4756  
510/484-1919 • Facsimile 510/484-1098

## Chain of Custody

Environmental Services (SDB) (DOIIS 1084)

DATE 9/3/98 PAGE 2 OF 2

PROJ. MGR Mark Jonas/Romana  
 COMPANY Jonas & Associates Inc.  
 ADDRESS 2815 Mitchell Drive, Suite 209  
Walnut Creek, CA 94598

SAMPLERS (SIGNATURE) \_\_\_\_\_ (PHONE NO.) \_\_\_\_\_  
 \_\_\_\_\_ (510) 933-5360 \_\_\_\_\_  
 \_\_\_\_\_ (510) 933-5362 (FAX NO.) \_\_\_\_\_

### ANALYSIS REPORT

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 602, 8020)	TPH - Diesel, TPH -K-7700 (EPA 3510/3550, 8015)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240, 5242)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525)	TOTAL OIL & GREASE (EPA 5520, 8+F, 5+F)	PCB (EPA 608, 8080)	PESTICIDES (EPA 608, 8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	TCLP lead	LUFT METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD	EXTRACTION (TCLP, STLC)	PAH (EPA 8270)	VOC (8260)	botTles (JAW)	NUMBER OF CONTAINERS
A1 Soil - 4'6"	9/3/98	12:35	Soil	Cool 4°C	X		X										X					X	X	S	1
A2 Soil - 4'6"	9/3/98	12:15	Soil	4°C	X		X										X					X	X	S	1
C1 Soil - 9'	9/2/98	5:40	Soil	Cool 4°C	X		X										X					X	X	S	1
C2 Soil - 8'6"	9/2/98	5:30	Soil	Cool 4°C	X		X								X	X	X					X	X	S	1
D1 Soil - 8'6"	9/2/98	6:15	Soil	Cool 4°C	X		X										X					X	X	S	1
D2 Soil - 8'6"	9/3/98	12:10	Soil	Cool 4°C	X		X										X					X	X	S	1
E Soil - 8'	9/2/98	6:45	Soil	4°C	X		X										X					X	X	S	1

PROJECT INFORMATION		SAMPLE RECEIPT	
PROJECT NAME: <u>General Tire, Oakl</u>	TOTAL NO. OF CONTAINERS <u>7</u>	HEAD SPACE	
PROJECT NUMBER <u>GT-213</u>	REC'D GOOD CONDITION/COLD	CONFORMS TO RECORD	
P.O. #			
TAT	STANDARD 5-DAY	24	48 72 OTHER

RELINQUISHED BY 1 <u>Romana Jonas</u> 5:55 (SIGNATURE) (TIME) <u>Romana Jonas</u> 9/3/98 (PRINTED NAME) (DATE) <u>Jonas &amp; Associates Inc.</u> (COMPANY)	RELINQUISHED BY 2 <u>Mark Jonas</u> (SIGNATURE) (TIME) <u>Mark Jonas</u> (PRINTED NAME) (DATE) <u>Chromalab</u> 9/3/98 (COMPANY)	RELINQUISHED BY 3 <u>Mark Salinger</u> (SIGNATURE) (TIME) <u>Mark Salinger</u> (PRINTED NAME) (DATE) <u>Chromalab</u> 9/4/98 (COMPANY)
RECEIVED BY 1 <u>[Signature]</u> (SIGNATURE) (TIME) <u>[Signature]</u> (PRINTED NAME) (DATE) <u>[Signature]</u> (COMPANY)	RECEIVED BY 2 <u>[Signature]</u> (SIGNATURE) (TIME) <u>[Signature]</u> (PRINTED NAME) (DATE) <u>[Signature]</u> (COMPANY)	RECEIVED BY LABORATORY 3 <u>[Signature]</u> (SIGNATURE) (TIME) <u>Cassidy</u> (PRINTED NAME) (DATE) <u>C/L</u> 9.4.98 (COMPANY)

SPECIAL INSTRUCTIONS/COMMENTS  
Note: Please hold all analyses until further instructions

9809057/204814-24

41795

CHROMALAB, INC.  
 1220 Quarry Lane • Pleasanton, California 94586-4756  
 510/484-1919 • Facsimile 610/484-1096

# CHROMALAB, INC.

Environmental Services (SDB) (DOHS 1094)

## Chain of Custody

DATE 9/3/98 PAGE 1 OF 2

PROJ. MGR Mark Jones/Romana Jones  
 COMPANY Jones & Associates Inc.  
 ADDRESS 2815 Mitchell Drive, Suite 209  
Walnut Creek, CA 94598

SAMPLERS (SIGNATURE) (PHONE NO.)  
 (510) 933-5360  
 (510) 933-5362 (FAX NO.)

### ANALYSIS REPORT

SAMPLE ID	DATE	TIME	MATRIX	PRESERV.	TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 602, 8020)	TPH - Diesel, TPH K, TPO (EPA 3510/3550, 8015)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240, 5242)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525)	TOTAL OIL & GREASE (EPA 5520, 8+F, 5-F)	PCB (EPA 608, 8080)	PESTICIDES (EPA 609, 8090)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	LIFT METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD	EXTRACTION (TCLP, STLC)	PAH (EPA 8270)	VOC (EPA 8260)	bottles	NUMBER OF CONTAINERS
B1 Water	9/2/98	11:55	Water	HCl	X		X									X					X	X	WA	6
B1 Water	9/2/98	11:55	Water	Coat 4°C	X		X									X					X	X	19	4
B1 Water	9/2/98	11:55	Water	HNO <sub>3</sub>	Y		X									X					X	X	PI	1
B2 Water	9/2/98	12:20	Water	Coat 4°C	Y		X									X					X	X	19	4
B2 Water	9/2/98	12:20	Water	HNO <sub>3</sub>	Y		X									X					X	X	PI	1
B2 Water	9/2/98	12:20	Water	HCl	Y		X									X					X	X	WA	6
B2 Soil - 11'	9/2/98	5:10	Soil	Coat 4°C	Y		X									X					X	X	9	1
B1 Soil - 11'	9/2/98	11:50	Soil	Coat 4°C	Y		X									X					X	X	9	1

**PROJECT INFORMATION**

PROJECT NAME: Green & Tire Oakland  
 PROJECT NUMBER: GT-213  
 P.O. #

**SAMPLE RECEIPT**

TOTAL NO. OF CONTAINERS: 24  
 HEAD SPACE  
 REC'D GOOD CONDITION/COLD  
 CONFORMS TO RECORD

TAT  STANDARD 5-DAY  24  48  72  OTHER

**RELINQUISHED BY**

1. SIGNATURE: Romana Jones (TIME) 5:55  
 PRINTED NAME: Romana Jones (DATE) 9/3/98  
 COMPANY: Jones & Associates Inc.

2. SIGNATURE: Ashley Salinger (TIME)   
 PRINTED NAME: Ashley Salinger (DATE)   
 COMPANY: Chromalab

3. SIGNATURE: Mark Jones (TIME)   
 PRINTED NAME: Chromalab (DATE) 9/2/98  
 COMPANY: Chromalab

**SPECIAL INSTRUCTIONS/COMMENTS**

NOTE: Please hold all analyses until further instructions.

**RECEIVED BY**

1. SIGNATURE:  (TIME)   
 PRINTED NAME:  (DATE)   
 COMPANY:

2. SIGNATURE:  (TIME)   
 PRINTED NAME:  (DATE)   
 COMPANY:

3. RECEIVED BY LABORATORY  
 SIGNATURE: M. Emery (TIME)   
 PRINTED NAME: Cassidy (DATE) 9:4:96  
 LAB:

# CHROMALAB, INC.

Environmental Services (SDB)

October 9, 1998

Submission #: 9810075

JONAS & ASSOCIATES, INC.

Atten: Mark Jonas

Project: GENERAL TIRE OAKLAND  
Received: October 6, 1998

re: 1 sample for TEPH analysis.  
Method: EPA 8015M

Sampled: October 5, 1998

Matrix: SOIL  
Run#: 15247

Extracted: October 6, 1998  
Analyzed: October 9, 1998

Split	CLIENT SPEC ID	Kerosene (mg/Kg)	Diesel (mg/Kg)	Motor Oil (mg/Kg)
208996	ESoil-8"5" <sup>8"6"</sup>	N.D.	90	240

Note: Hydrocarbon reported is in the late Diesel Range and does not match our Diesel Standard. Surrogate Recoveries biased high due to Hydrocarbon co-elution.

Reporting Limits	5.0	5.0	100
Blank Result		N.D.	N.D.
Blank Spike Result (%)	--	84.6	--

*Carol House*  
Carolyn House  
Analyst

*Bruce Havlik*  
Bruce Havlik  
Analyst

# CHROMALAB, INC.

Environmental Services (SDB)

October 9, 1998

Submission #: 9810075

JONAS & ASSOCIATES, INC.

Atten: Mark Jonas


Project: GENERAL TIRE OAKLAND  
Received: October 6, 1998

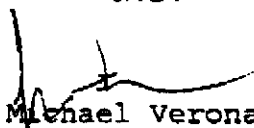
re: One sample for Miscellaneous Metals analysis.  
Method: EPA 3010A/3050A/6010A Nov 1990

Client Sample ID: ESOII-8"5" *8.5' 8'6"*  
Spl#: 208996 Matrix: SOIL  
Sampled: October 5, 1998 Run#: 15318

Extracted: October 8, 1998  
Analyzed: October 9, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
CADMIUM	N.D.	0.50	N.D.	101	1
CHROMIUM	20	1.0	N.D.	104	1
LEAD	53	1.0	N.D.	103	1
NICKEL	28	1.0	N.D.	101	1
ZINC	78	1.0	N.D.	103	1

  
Shafi Barekzai  
Analyst

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

October 9, 1998

Submission #: 9810075

JONAS & ASSOCIATES, INC.

Atten: Mark Jonas

Project: GENERAL TIRE OAKLAND  
Received: October 6, 1998

re: 1 sample for TEPH analysis.  
Method: EPA 8015M

Sampled: October 5, 1998 Matrix: SOIL Run#: 15247

Extracted: October 6, 1998  
Analyzed: October 9, 1998

Spl#	CLIENT SPL ID	Kerosene (mg/Kg)	Diesel (mg/Kg)	Motor Oil (mg/Kg)
208997	C2SOIL-8"5" <sup>8'6"</sup> <sub>85</sub>	N.D.	1500	3300

Note: Hydrocarbon reported is in the late Diesel Range and does not match our Diesel Standard. Surrogate diluted out.

Reporting Limits	100	100	2000
Blank Result		N.D.	N.D.
Blank Spike Result (%)	--	84.6	--

*Carolyn House*  
Carolyn House  
Analyst

*M. Havlik*  
Bruce Havlik  
Analyst



# CHROMALAB, INC.

Environmental Services (SOE)

October 9, 1998

Submission #: 9810075

JONAS & ASSOCIATES, INC.

Atten: Mark Jonas

Project: GENERAL TIRE OAKLAND

Received: October 6, 1998

re: One sample for Miscellaneous Metals analysis.

Method: EPA 3010A/3050A/6010A Nov 1990

Client Sample ID: C2SOIL-825<sup>816</sup>

Spl#: 208997

Matrix: SOIL

Extracted: October 8, 1998

Sampled: October 5, 1998

Run#: 15318

Analyzed: October 9, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE FACTOR (%)	DILUTION FACTOR
CADMIUM	N.D.	0.50	N.D.	101	1
CHROMIUM	26	1.0	N.D.	104	1
LEAD	18	1.0	N.D.	103	1
NICKEL	38	1.0	N.D.	101	1
ZINC	91	1.0	N.D.	103	1

  
Shafi Barekzai  
Analyst

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

October 9, 1998

Submission #: 9810075

JONAS & ASSOCIATES, INC.

Atten: Mark Jonas

Project: GENERAL TIRE OAKLAND  
Received: October 6, 1998

re: 1 sample for TEPH analysis.  
Method: EPA 8015M

Sampled: October 5, 1998      Matrix: SOIL      Run#: 15247  
Extracted: October 6, 1998  
Analyzed: October 9, 1998

Spl#	CLIENT SPL ID	Kerosene (mg/Kg)	Diesel (mg/Kg)	Motor Oil (mg/Kg)
208998	DISOIL-8"5" <sup>816<sup>u</sup></sup>	N.D.	180	450

Note: Hydrocarbon reported is in the late Diesel Range and does not match our Diesel Standard. Surrogate Recoveries biased high due to Hydrocarbon co-elution.

Reporting Limits	5.0	5.0	100
Blank Result		N.D.	N.D.
Blank Spike Result (%)	--	84.6	--

*Carol House*  
Carolyn House  
Analyst

*Bruce Havlik*  
Bruce Havlik  
Analyst

# CHROMALAB, INC.

Environmental Services (SDB)

October 9, 1998

Submission #: 9810075

JONAS & ASSOCIATES, INC.

Atten: Mark Jonas

Project: GENERAL TIRE OAKLAND

Received: October 6, 1998

re: One sample for Miscellaneous Metals analysis.

Method: EPA 3010A/3050A/6010A Nov 1990

Client Sample ID: DISOIL-8"5" *8.5' 8.6"*

Spl#: 208998

Matrix: SOIL

Extracted: October 8, 1998

Sampled: October 5, 1998

Run#: 15318

Analyzed: October 9, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
CADMIUM	N.D.	0.50	N.D.	101	1
CHROMIUM	18	1.0	N.D.	104	1
LEAD	25	1.0	N.D.	103	1
NICKEL	19	1.0	N.D.	101	1
ZINC	47	1.0	N.D.	103	1

*[Signature]*  
Shafi Barekzai  
Analyst

*[Signature]*  
Michael Verona  
Operations Manager

**FAX / TELECOPY TRANSMITTAL**

<b>From:</b> Romena Jonas	<b>of:</b> J&A	<b>FAX #:</b> (925) 933 - 5362
<b>To:</b> Gary Cook	<b>of:</b> ChromaLab	<b>FAX #:</b> (925) 484-1096

<b>Date:</b> 10 / 15 / 1998	<b>Project:</b> General Tire Oakland
<b>Time:</b> 1:00 PM	<b>Project #:</b> GT-213

<b>Attachments:</b>
1)
2)
3)

<b>Number of Attached Pages (not including transmittal page):</b> 1
---

**Message:**

Dear Gary:

Please change the sample numbers on the final copies of the lab reports according to the attached chain-of-custody form.

Thank,  
  
Romena

# CHROMALAB, INC.

1220 Quarry Lane • Pleasanton, California 94566-4756  
510/484-1919 • Facsimile 510/484-1096

## Chain of Custody

Environmental Services (SDB) (DOHS 1094)

DATE 10/6/98 PAGE 1 OF 1

Submission #: 9810075 12560

PROJ. MGR Romona Jones  
 COMPANY Jonas & Associates Inc.  
 ADDRESS 2815 Mitchell Drive, Suite 209  
Walnut Creek, CA 94598  
 SAMPLERS (SIGNATURE) George Georges (PHONE NO.) (510) 933-5360  
 (FAX NO.) (510) 933-5362

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	ANALYSIS REPORT														NUMBER OF CONTAINERS								
					TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 602, 8020)	TPH - Diesel, TEPH, D, X, MO (EPA 3510/3550, 8015)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240, 524.2)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525)	TOTAL OIL & GREASE (EPA 5520, B+F, E+F)	PCB (EPA 608, 8080)	PESTICIDES (EPA 608, 8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	LUFT METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)		TOTAL LEAD	EXTRACTION (TCLP, STLC)						
Esoil - 8'5" → 8'3"	10/5/98	7:00pm	soil	4°C			X											X								1	
C2soil - 8'5" → 8'4"	10/5/98	6:40pm	soil	4°C			X											X									1
D1-soil - 8'5" → 8'4"	10/9/98	6:30pm	soil	4°C			X											X									1
↑ 8'6"																											

**RUSH**

**PROJECT INFORMATION**  
 PROJECT NAME General Tire Oakland  
 PROJECT NUMBER GT-213  
 P.O. # \_\_\_\_\_

**SAMPLE RECEIPT**  
 TOTAL NO. OF CONTAINERS 3  
 HEAD SPACE \_\_\_\_\_  
 REC'D GOOD CONDITION/COLD \_\_\_\_\_  
 CONFORMS TO RECORD \_\_\_\_\_

TAT STANDARD 5-DAY \_\_\_\_\_ 24 \_\_\_\_\_ 48 \_\_\_\_\_ 72 \_\_\_\_\_ OTHER \_\_\_\_\_

SPECIAL INSTRUCTIONS/COMMENTS  
TEPH-K, MO, D → 48-hr analysis  
Metals → standard turn-around

**RELINQUISHED BY 1.**  
 SIGNATURE George Georges (TIME) \_\_\_\_\_  
 PRINTED NAME George Georges (DATE) 10/6/98  
 COMPANY Jonas & Associates Inc.

**RELINQUISHED BY 2.**  
 SIGNATURE \_\_\_\_\_ (TIME) \_\_\_\_\_  
 PRINTED NAME \_\_\_\_\_ (DATE) \_\_\_\_\_  
 COMPANY \_\_\_\_\_

**RELINQUISHED BY 3.**  
 SIGNATURE \_\_\_\_\_ (TIME) \_\_\_\_\_  
 PRINTED NAME \_\_\_\_\_ (DATE) \_\_\_\_\_  
 COMPANY \_\_\_\_\_

**RECEIVED BY 1.**  
 SIGNATURE C. Cassidy (TIME) \_\_\_\_\_  
 PRINTED NAME C. Cassidy (DATE) 10/6/98  
 COMPANY \_\_\_\_\_

**RECEIVED BY 2.**  
 SIGNATURE \_\_\_\_\_ (TIME) \_\_\_\_\_  
 PRINTED NAME \_\_\_\_\_ (DATE) \_\_\_\_\_  
 COMPANY \_\_\_\_\_

**RECEIVED BY (LABORATORY) 3.**  
 SIGNATURE \_\_\_\_\_ (TIME) \_\_\_\_\_  
 PRINTED NAME \_\_\_\_\_ (DATE) \_\_\_\_\_  
 COMPANY \_\_\_\_\_

**APPENDIX C  
CHROMALAB INC.  
WATER ANALYTICAL REPORTS AND  
CHAIN-OF-CUSTODY FORMS**

# CHROMALAB, INC.

Environmental Services (SDB)

October 14, 1998

Submission #: 9810211

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: OAKLAND GENERAL TIRE  
Received: October 13, 1998

Project#: GT-213

re: 3 samples for TEPH analysis.  
Method: EPA 8015M

Sampled: October 13, 1998      Matrix: WATER      Run#: 15366      Extracted: October 13, 1998  
Analyzed: October 14, 1998

Spl#	CLIENT SPL ID	Kerosene (ug/L)	Diesel (ug/L)	Motor Oil (ug/L)
210300	GT3-MW1	N.D.	140	N.D.
Note: Hydrocarbon reported does not match the pattern of our Diesel Standard. THIS IS A DRAFT REPORT				
210301	GT3-MW2	N.D.	N.D.	N.D.
Note: THIS IS A DRAFT REPORT				
210302	GT3-MW3	N.D.	N.D.	N.D.
Note: THIS IS A DRAFT REPORT				
Reporting Limits		50	50	500
Blank Result		N.D.	N.D.	N.D.
Blank Spike Result (%)		--	--	--

*Carolyn House*  
Carolyn House  
Analyst

*Bruce Havlik*  
Bruce Havlik  
Analyst

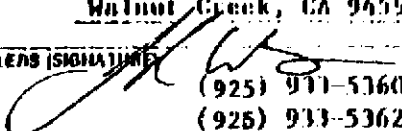
9810211/210300-210302  
**CHROMALAB, INC.**

SURR #: 9810211 REP: 60  
CLIENT: JONAS  
DUE: 10/14/98  
REF #: 42515

42515  
**Chain of Custody**

Environmental Services (SES) (DOTS 1094)

DATE 10-13-98 PAGE 1 OF 1

PROJ. MGR Romana Jonas  
COMPANY Jonas & Associates Inc.  
ADDRESS 2015 Mitchell Drive, Suite 209  
Walnut Creek, CA 94590  
SAMPLES (SIGNATURE)  (PHONE NO.) (925) 933-5360  
(925) 933-5362 (FAX NO.)

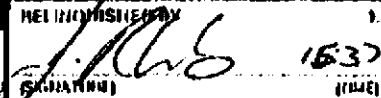
**REPORT**

SAMPLE ID.	DATE	TIME	MATRIX	TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) W/STX (EPA 602, 8020)	TPH Diesel/K, XMO (EPA 3510/3550, 8015)	POSSIBLE AROMATICS STX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240, 5243)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525)	TOTAL OIL & GREASE (EPA 5520, 8+1, 5-1)	PCB (EPA 608, 8080)	PESTICIDES (EPA 608, 8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 4151)	LUFT METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD	EXTRACTION (TCLP, STLC)	
GT3-MW1	10/13	12:15	GW			X														
GT3-MW2	10/13	14:15	GW			X														
GT3-MW3	10/13	13:25	GW			X														

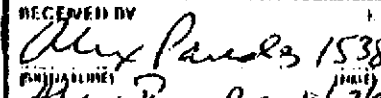
**PROJECT INFORMATION**  
ORIGINAL: Oakland General Tire  
OBJECT NUMBER: GT-213  
AP STANDARD 6-DAY: 24 48 72 OTHER

**SAMPLE RECEIPT**  
TOTAL NO OF CONTAINERS: 6  
HEADSPACE  
HEAD ROOM CONTAMINATED  
CONFIRMS TO RECORD

6 Amber  
10 c  
AP

**RELINQUISHED BY 1**  
SIGNATURE:  (DATE) 10/13/98  
PRINTED NAME: John R. White  
COMPANY: Jonas & Associates Inc.

**RELINQUISHED BY 2**  
SIGNATURE: \_\_\_\_\_ (DATE) \_\_\_\_\_  
PRINTED NAME: \_\_\_\_\_ (DATE) \_\_\_\_\_  
COMPANY: \_\_\_\_\_

**RECEIVED BY 1**  
SIGNATURE:  (DATE) 10/13/98  
PRINTED NAME: Alex Paredes  
COMPANY: Chromalab

**RECEIVED BY 2**  
SIGNATURE: \_\_\_\_\_ (DATE) \_\_\_\_\_  
PRINTED NAME: \_\_\_\_\_ (DATE) \_\_\_\_\_  
COMPANY: \_\_\_\_\_



# CHROMALAB, INC.

Environmental Services (SDB)

September 18, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND  
Received: September 4, 1998

Project#: GT-213

re: 1 sample for TEPH analysis.  
Method: EPA 8015M

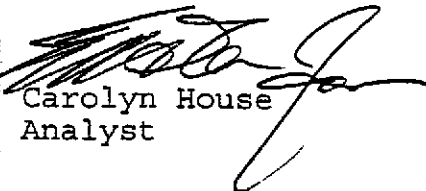
Sampled: September 2, 1998 Matrix: WATER  
Run#: 14807


Extracted: September 10, 1998  
Analyzed: September 16, 1998

Spl#	CLIENT SPL ID	Kerosene (ug/L)	Diesel (ug/L)	Motor Oil (ug/L)
204514	B1 WATER	N.D.	3700000	5200000

Note: Hydrocarbon reported is in the late Diesel Range and does not match our Diesel Standard. Surrogate was diluted out.

Reporting Limits	100000	100000	1000000
Blank Result		N.D.	
Blank Spike Result (%)	--	70.8	--

  
Carolyn House  
Analyst

  
Bruce Havlik  
Analyst

# CHROMALAB, INC.

Environmental Services (SDB)

September 15, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND  
 Received: September 4, 1998

Project#: GT-213

re: One sample for Gasoline analysis.  
 Method: 8015Mod

Client Sample ID: B1 WATER

Spl#: 204514

Matrix: WATER


Sampled: September 2, 1998

Run#: 14803

Analyzed: September 9, 1998

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	50	N.D.	81	1

Note: Hydrocarbon found in Gasoline Range is uncharacteristic of Gasoline Profile. If quantified using Gasoline's response factor, concentration would equal 460ug/L.

  
 Vincent Vancil  
 Analyst

  
 Michael Verona  
 Operations Manager

925-933-5362

# CHROMALAB, INC.

Environmental Services (SDB)

September 14, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Attn: Romena Jonas

Project: GENERAL TIRE, OAKLAND

Project#: GT-213

Received: September 4, 1998

re: One sample for Volatile Organics by GC/MS analysis.

Method: SW846 Method 8260A Sept 1994

Client Sample ID: B1 WATER

Split#: 204514

Matrix: WATER

Sampled: September 2, 1998

Run#: 14858

Analyzed: September 11, 1998

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE (%)	DILUTION FACTOR
ACETONE	N.D.	500	N.D.	--	10
BENZENE	N.D.	5.0	N.D.	99.6	10
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--	10
BROMOFORM	N.D.	5.0	N.D.	--	10
BROMOMETHANE	N.D.	10	N.D.	--	10
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--	10
CHLOROBENZENE	N.D.	5.0	N.D.	99.3	10
CHLOROETHANE	N.D.	10	N.D.	--	10
2-BUTANONE (MEK)	N.D.	500	N.D.	--	10
2-CHLOROETHYLVINYLETHER	N.D.	5.0	N.D.	--	10
CHLOROFORM	N.D.	5.0	N.D.	--	10
CHLOROMETHANE	N.D.	10	N.D.	--	10
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--	10
1,2-DICHLOROBENZENE	N.D.	5.0	N.D.	--	10
1,3-DICHLOROBENZENE	N.D.	5.0	N.D.	--	10
1,4-DICHLOROBENZENE	N.D.	5.0	N.D.	--	10
1,2-DIBROMO-3-CHLOROPROPANE	N.D.	50	N.D.	--	10
1,2-DIBROMOETHANE	N.D.	5.0	N.D.	--	10
DIBROMOMETHANE	N.D.	5.0	N.D.	--	10
DICHLORODIFLUOROMETHANE	N.D.	5.0	N.D.	--	10
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--	10
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--	10
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	109	10
1,2-DICHLOROETHENE (CIS)	N.D.	5.0	N.D.	--	10
1,2-DICHLOROETHENE (TRANS)	N.D.	5.0	N.D.	--	10
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--	10
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	10
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	10
ETHYLBENZENE	N.D.	5.0	N.D.	--	10
2-HEXANONE	N.D.	500	N.D.	--	10
METHYLENE CHLORIDE	N.D.	50	N.D.	--	10
4-METHYL-2-PENTANONE (MIBK)	N.D.	500	N.D.	--	10
NAPHTHALENE	N.D.	10	N.D.	--	10
STYRENE	N.D.	5.0	N.D.	--	10
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--	10
TETRACHLOROETHENE	N.D.	10	N.D.	--	10
TOLUENE	N.D.	5.0	N.D.	91.4	10
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	--	10
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--	10
TRICHLOROETHENE	N.D.	10	N.D.	101	10
1,1,1,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--	10
VINYL ACETATE	N.D.	50	N.D.	--	10
VINYL CHLORIDE	N.D.	5.0	N.D.	--	10

925-933-5362

1220 Quarry Lane • Pleasanton, California 94566-4756

(925) 484-1919 • Facsimile (925) 484-1096

Federal ID #68-0140157

VO53 0-000406 JEW12-03

# CHROMALAB, INC.

Environmental Services (SDB)

September 14, 1998

Submission #: 9809057

page 2

JONAS & ASSOCIATES, INC.

Attn: Romena Jonas

Project: GENERAL TIRE, OAKLAND

Project#: GT-213

Received: September 4, 1998

re: One sample for Volatile Organics by GC/MS analysis, continued.

Method: SW846 Method 8260A Sept 1994

Client Sample ID: B1 WATER

Spl#: 204514

Matrix: WATER

Sampled: September 2, 1998

Run#: 14858

Analyzed: September 11, 1998

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE (%)	DILUTION FACTOR
TOTAL XYLENES	N.D.	10	N.D.	--	10
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--	10
CARBON DISULFIDE	N.D.	5.0	N.D.	--	10
ISOPROPYLBENZENE	N.D.	5.0	N.D.	--	10
BROMOBENZENE	N.D.	5.0	N.D.	--	10
BROMOCHLOROMETHANE	N.D.	10	N.D.	--	10
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--	10

Note: REPORTING LIMITS RAISED DUE TO HIGH LEVELS OF NON-TARGET COMPOUNDS.

June Zhao  
Analyst

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 14, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND  
Received: September 4, 1998

Project#: GT-213

re: One sample for Polynuclear Aromatic Hydrocarbons (PAHs) analysis.  
Method: SW846 Method 8270A Nov 1990

Client Sample ID: B1 WATER

Spl#: 204514

Sampled: September 2, 1998

Matrix: WATER

Run#: 14768

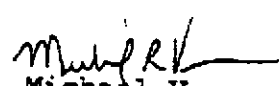
Extracted: September 9, 1998

Analyzed: September 11, 1998

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE (%)	DILUTION FACTOR
NAPHTHALENE	N.D.	50	N.D.	--	25
ACENAPHTHYLENE	N.D.	50	N.D.	--	25
ACENAPHTHENE	N.D.	50	N.D.	--	25
FLUORENE	N.D.	50	N.D.	81.7	25
PHENANTHRENE	N.D.	120	N.D.	--	25
ANTHRACENE	N.D.	50	N.D.	--	25
FLUORANTHENE	N.D.	50	N.D.	--	25
PYRENE	N.D.	50	N.D.	--	25
BENZO (A) ANTHRACENE	N.D.	50	N.D.	92.7	25
CHRYSENE	N.D.	50	N.D.	--	25
BENZO (B) FLUORANTHENE	N.D.	50	N.D.	--	25
BENZO (K) FLUORANTHENE	N.D.	50	N.D.	--	25
BENZO (A) PYRENE	N.D.	50	N.D.	--	25
INDENO (1, 2, 3-CD) PYRENE	N.D.	50	N.D.	--	25
DIBENZO (A, H) ANTHRACENE	N.D.	50	N.D.	--	25
BENZO (GHI) PERYLENE	N.D.	50	N.D.	--	25
	N.D.	50	N.D.	--	25

Note: Reporting limits raised due to matrix interference.

  
Michael Lee  
Analyst

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 14, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND  
 Received: September 4, 1998

Project#: GT-213

re: One sample for Miscellaneous Metals analysis.  
 Method: EPA 3010A/3050A/6010A Nov 1990

Client Sample ID: B1 WATER

Spl#: 204514

Matrix: WATER

Extracted: September 8, 1998

Sampled: September 2, 1998

Run#: 14744

Analyzed: September 8, 1998

ANALYTE	RESULT (mg/L)	REPORTING LIMIT (mg/L)	BLANK RESULT (mg/L)	BLANK SPIKE (%)	DILUTION FACTOR
CADMIUM	0.012	0.0020	N.D.	105	1
CHROMIUM	0.060	0.0050	N.D.	104	1
LEAD	1.2	0.0050	N.D.	105	1
NICKEL	0.073	0.0050	N.D.	105	1
ZINC	0.89	0.010	N.D.	109	1

Shafi Barezai  
 Analyst

Michael Verona  
 Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 18, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND  
Received: September 4, 1998

Project#: GT-213

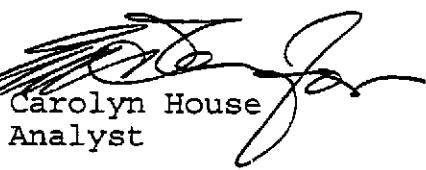
re: 1 sample for TEPH analysis.  
Method: EPA 8015M


Sampled: September 2, 1998      Matrix: WATER      Run#: 14807      Extracted: September 10, 1998  
   Analyzed: September 14, 1998

Spl#	CLIENT SPL ID	Kerosene (ug/L)	Diesel (ug/L)	Motor Oil (ug/L)
204515	B2 WATER	N.D.	32000	53000

Note: Hydrocarbon reported is in the late Diesel Range and does not match our Diesel Standard. Surrogate was diluted out.

Reporting Limits	5000	5000	50000
Blank Result		N.D.	
Blank Spike Result (%)	--	70.8	--

  
Carolyn House  
Analyst

  
Bruce Havlik  
Analyst

# CHROMALAB, INC.

Environmental Services (SDB)

September 15, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND  
Received: September 4, 1998

Project#: GT-213

re: One sample for Gasoline analysis.  
Method: 8015Mod

Client Sample ID: B2 WATER

Spl#: 204515

Matrix: WATER

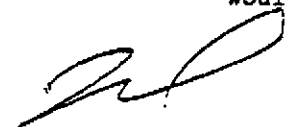
Sampled: September 2, 1998


Run#:14803

Analyzed: September 9, 1998

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	50	N.D.	81	1

Note: Hydrocarbon found in Gasoline Range is uncharacteristic of Gasoline Profile. If quantified using Gasoline's response factor, concentration would equal 510ug/L.

  
Vincent Vancil  
Analyst

  
Michael Verona  
Operations Manager

925-933-5362



# CHROMALAB, INC.

Environmental Services (SDB)

September 14, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND

Project#: GT-213

Received: September 4, 1998

re: One sample for Volatile Organics by GC/MS analysis.

Method: SW846 Method 8260A Sept 1994

Client Sample ID: B2 WATER

Spl#: 204515

Matrix: WATER

Sampled: September 2, 1998

Run#: 14858

Analyzed: September 11, 1998

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE (%)	DILUTION FACTOR
ACETONE	N.D.	500	N.D.	--	10
BENZENE	N.D.	5.0	N.D.	99.6	10
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--	10
BROMOFORM	N.D.	5.0	N.D.	--	10
BROMOMETHANE	N.D.	10	N.D.	--	10
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--	10
CHLOROBENZENE	N.D.	5.0	N.D.	--	10
CHLOROETHANE	N.D.	10	N.D.	99.3	10
2-BUTANONE (MEK)	N.D.	500	N.D.	--	10
2-CHLOROETHYL VINYLETHER	N.D.	5.0	N.D.	--	10
CHLOROFORM	N.D.	5.0	N.D.	--	10
CHLOROMETHANE	N.D.	10	N.D.	--	10
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--	10
1,2-DICHLOROBENZENE	N.D.	5.0	N.D.	--	10
1,3-DICHLOROBENZENE	N.D.	5.0	N.D.	--	10
1,4-DICHLOROBENZENE	N.D.	5.0	N.D.	--	10
1,2-DIBROMO-3-CHLOROPROPANE	N.D.	5.0	N.D.	--	10
1,2-DIBROMOETHANE	N.D.	50	N.D.	--	10
DIBROMOMETHANE	N.D.	5.0	N.D.	--	10
DICHLORODIFLUOROMETHANE	N.D.	5.0	N.D.	--	10
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--	10
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--	10
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	--	10
1,2-DICHLOROETHENE (CIS)	N.D.	5.0	N.D.	109	10
1,2-DICHLOROETHENE (TRANS)	N.D.	5.0	N.D.	--	10
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--	10
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	10
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	10
ETHYLBENZENE	N.D.	5.0	N.D.	--	10
2-HEXANONE	N.D.	500	N.D.	--	10
METHYLENE CHLORIDE	N.D.	50	N.D.	--	10
4-METHYL-2-PENTANONE (MIBK)	N.D.	500	N.D.	--	10
<del>METHYLENE CHLORIDE</del>	N.D.	10	N.D.	--	10
STYRENE	N.D.	5.0	N.D.	--	10
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--	10
TETRACHLOROETHENE	N.D.	10	N.D.	--	10
TOLUENE	N.D.	5.0	N.D.	91.4	10
1,1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--	10
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--	10
TRICHLOROETHENE	N.D.	10	N.D.	101	10
1,1,1,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--	10
VINYL ACETATE	N.D.	50	N.D.	--	10
VINYL CHLORIDE	N.D.	5.0	N.D.	--	10

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Federal ID #68-0140157

# CHROMALAB, INC.

Environmental Services (SDB)

September 14, 1998

Submission #: 9809057  
page 2

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND

Project#: GT-213

Received: September 4, 1998

re: One sample for Volatile Organics by GC/MS analysis, continued.

Method: SW846 Method 8260A Sept 1994

Client Sample ID: B2 WATER

Spl#: 204515

Matrix: WATER

Sampled: September 2, 1998

Run#: 14858

Analyzed: September 11, 1998

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE FACTOR (%)	DILUTION FACTOR
TOTAL XYLENES	N.D.	10	N.D.	--	10
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--	10
CARBON DISULFIDE	N.D.	5.0	N.D.	--	10
ISOPROPYLBENZENE	N.D.	5.0	N.D.	--	10
BROMOBENZENE	N.D.	5.0	N.D.	--	10
BROMOCHLOROMETHANE	N.D.	5.0	N.D.	--	10
TRICHLOROFLUOROMETHANE	N.D.	10	N.D.	--	10
	N.D.	5.0	N.D.	--	10

Note: REPORTING LIMITS RAISED DUE TO HIGH LEVELS OF NON-TARGET COMPOUNDS

June Zhao  
Analyst

Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 14, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: GENERAL TIRE, OAKLAND  
 Received: September 4, 1998

Project#: GT-213

re: One sample for Polynuclear Aromatic Hydrocarbons (PAHs) analysis.  
 Method: SW846 Method 8270A Nov 1990

Client Sample ID: B2 WATER

Spl#: 204515

Sampled: September 2, 1998

Matrix: WATER

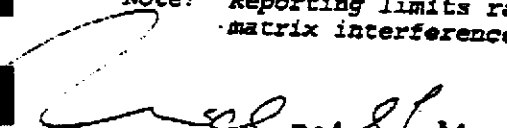
Run#: 14768

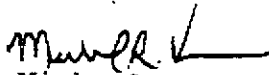
Extracted: September 9, 1998

Analyzed: September 10, 1998

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE (%)	DILUTION FACTOR
NAPHTHALENE	N.D.	10	N.D.	--	
ACENAPHTHYLENE	N.D.	10	N.D.	--	
ACENAPHTHENE	N.D.	10	N.D.	--	
FLUORENE	N.D.	10	N.D.	81.7	
PHENANTHRENE	N.D.	25	N.D.	--	
ANTHRACENE	N.D.	10	N.D.	--	
FLUORANTHENE	N.D.	10	N.D.	--	
PYRENE	N.D.	10	N.D.	--	
BENZO (A) ANTHRACENE	N.D.	10	N.D.	92.7	
CHRYSENE	N.D.	10	N.D.	--	
BENZO (B) FLUORANTHENE	N.D.	10	N.D.	--	
BENZO (K) FLUORANTHENE	N.D.	10	N.D.	--	
BENZO (A) PYRENE	N.D.	10	N.D.	--	
INDENO (1, 2, 3-CD) PYRENE	N.D.	10	N.D.	--	
DIBENZO (A, H) ANTHRACENE	N.D.	10	N.D.	--	
BENZO (GHI) PERYLENE	N.D.	10	N.D.	--	

Note: Reporting limits raised and surrogates were out of control limits due to matrix interference.

  
 Michael Lee  
 Analyst

  
 Michael Verona  
 Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

September 14, 1998

Submission #: 9809057

JONAS & ASSOCIATES, INC.

Attn: Romena Jonas

Project: GENERAL TIRE, OAKLAND  
 Received: September 4, 1998

Project#: GT-213

re: One sample for Miscellaneous Metals analysis.  
 Method: EPA 3010A/3050A/6010A Nov 1990

Client Sample ID: B2 WATER

Spl#: 204515  
 Sampled: September 2, 1998

Matrix: WATER  
 Run#: 14744

Extracted: September 8, 1998  
 Analyzed: September 8, 1998

ANALYTE	RESULT (mg/L)	REPORTING LIMIT (mg/L)	BLANK RESULT (mg/L)	BLANK SPIKE (%)	DILUTION FACTOR
CADMIUM	0.0081	0.0020	N.D.	105	1
CHROMIUM	0.065	0.0050	N.D.	104	1
LEAD	0.38	0.0050	N.D.	105	1
NICKEL	0.073	0.0050	N.D.	105	1
ZINC	0.56	0.010	N.D.	109	1

*Shafi Barezkai*  
 Shafi Barezkai  
 Analyst

*Michael Verona*  
 Michael Verona  
 Operations Manager