

Borings w/ GW samples  
sample sufficient for  
CAP ANALYSIS

March 9, 2004

Mr. Clayton Keats  
See the Doctor Transmission  
16611 E. 14<sup>th</sup> St.  
San Leandro, CA 94578

Dear Mr. Keats:

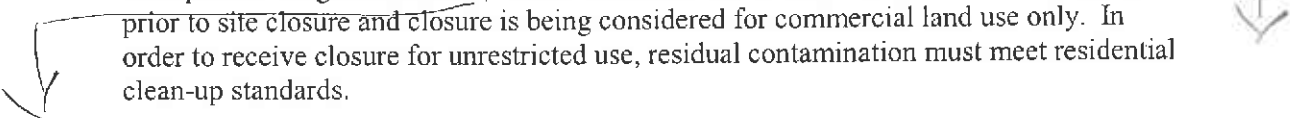
Subject: Toxics Case RO0002572, See the Doctor Transmission, 16611 E. 14<sup>th</sup> St., San Leandro, CA, 94578

Alameda County Environmental Health has reviewed the case file for the subject site and determined that additional information is necessary before case closure can be recommended. Please address the following technical comments when performing the requested work at your site.

TECHNICAL COMMENTS

PROCEED TO CASE  
CLOSURE AT YOUR  
SITE.  
SCREEN

1. The potential impact to groundwater from the surface release at your site must be <sup>PERFORMED TO</sup> evaluated. This may be done using temporary borings. We recommend a sample be taken in the area of known prior contamination. <sup>PLEASE LOG BORE</sup> The boring should be logged, soil AND samples ~~screened~~ for potential analysis, and a groundwater sample collected for analyses of TPH as transmission oil, TPH as motor oil and lead. Soils exhibiting contamination through screening should be analyzed. If no contamination is found through soil screening the sample from the capillary zone should be analyzed for the same chemicals as requested for groundwater. You are reminded that a deed restriction will be required prior to site closure and closure is being considered for commercial land use only. In order to receive closure for unrestricted use, residual contamination must meet residential clean-up standards.



TECHNICAL REPORT REQUEST

- April 9, 2004- Work plan for additional soil and groundwater investigation.

Please contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

C: B. Chan, D.Drogos  
Mr. D. Siegel, Eras Environmental, 1533 B Street, Hayward, CA 94541  
Ajina Khan, 16719 E14th St., San Leandro, CA 94578

**Alameda County Environmental Health**

**CASE CLOSURE SUMMARY  
TOXIC LEAKS & SPILLS ~~SLIC~~ PROGRAM**

*Handwritten notes:*  
 MUST IF NOT A  
 CLEAN UP  
 FULLY TOILET CLOSURE  
 ISNT A 2006 PER REGS?  
 Date: 1/20/04

**I. AGENCY INFORMATION**

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 567-6765
Responsible Staff Person: Barney Chan	Title: Hazardous Materials Specialist

**II. CASE INFORMATION**

Site Facility Name: See the Doctor Transmission aka C the Doctor Transmission		
Site Facility Address: 16611 East 14 <sup>th</sup> St., San Leandro, CA 94578		
RB Case No.: ----	Local Case No.: ----	<del>TOXICS</del> LOP Case No.: RO# 0002572
URF Filing Date: ---	SWEEPS No.: ---	APN: 080B-0300-011-00

Responsible Parties	Addresses	Phone Numbers
Mr. Clayton Keats	1344 B St., Hayward, CA 94541-2918	510-276-0826

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
	NA			

**III. RELEASE AND SITE CHARACTERIZATION INFORMATION**

Cause and Type of Release: Surface leaks and spills		
Site characterization complete? Yes	Date Approved By Oversight Agency: ----	
Monitoring wells installed? No	Number: ---	Proper screened interval? ---
Highest GW Depth Below Ground Surface: *	Lowest Depth: *	Flow Direction: *
Most Sensitive Current Use: Potential drinking water source.		

\* No wells installed at site, DTW is estimated to be 10-12' and gradient estimated to be northwest based upon groundwater monitoring data performed at 16301 E. 14<sup>th</sup> St., San Leandro, located approximately 1500' northwest of this site.

Summary of Production Wells in Vicinity: <b>Not determined</b>	
Are drinking water wells affected? No	Aquifer Name: East Bay Plain
Is surface water affected? No	Nearest SW Name: San Lorenzo Creek is approx. 1/2 mi to the southwest
Off-Site Beneficial Use Impacts (Addresses/Locations): <b>NA</b>	
Reports on file? Yes	Where are reports filed? Alameda County Environmental Health

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Soil	800# <i>plus</i>	Disposed at DK Environmental, Vernon, CA	1/16/04

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS BEFORE AND AFTER CLEANUP  
(Please see Attachments for additional information on contaminant locations and concentrations)

Contaminant	Soil (ppm)		Water (ppb)	
	Before	After	Before	After
TPH (transmission fluid)	14700	830	NA	NA
Oil & Grease	270	NA	NA	NA
Heavy Metals- lead	<i>295</i>	6.7	NA	NA
Other VOCs (8260)	ND	NA	NA	NA

Site History and Description of Corrective Actions:

The subject site is located within the Ashland District of the unincorporated portion of the City of San Leandro, along the south side of East 14<sup>th</sup> St., at the southwest intersection of East 14<sup>th</sup> St. and 166<sup>th</sup> Ave. The site consists of an approximate 40, 200 square foot irregular shaped parcel improved with a small one-story sales building, a one-story shop building with attached canopies, two mobile trailers and associated paved and unpaved areas. See Attachment 1.

Currently, the one-story sales building and associated paved lot is occupied by Mobile Net for sales and storage of used cars. The one-story shop building, two mobile trailers, associated paved and unpaved areas are used by C the Doctor Transmission as an automobile transmission repair facility. Of the current used areas, only that area used by C the Doctor Transmission showed signs of contamination ie areas of dark staining. The rest of the site is unpaved and overgrown with vegetation and has not been sampled. See Attachment 2.

Historically, in 1948, the site was used for lumber storage. In 1952 the site was used by K.T.K. Wrecking Company. From 1953-1956 the site was occupied by Ernie's Used Car/Joe Moreno. In 1957, the site was occupied by Hilliard Auto Sales. In 1961, the site was occupied by Home Town Motors. In the city directories of 1973, 1976,1980, 1985 and 1990 the subject site is listed as being occupied by Mc Donald Motors Used Cars and Trucks. In 1995 the subject site was listed as being occupied by Mc Donald Motors Used Cars and Trucks and C the Doctor Transmission. The Phase I report of this site included contacting the City of San Leandro Environmental Services, the SFRWQCB, the Alameda County Fire Department and ACEH. The only reports on file consisted of a December 5, 1995 Hazardous Materials Inspection report and a March 27, 1996 stormwater facility inspection. General housekeeping and record keeping was recommended in these two inspection reports. Therefore, although the entire site has not been sampled, it appears the current operations of C the Doctor Transmission is the only obvious source of hazardous materials release.

Based upon the Phase I report, a Phase II Investigation was performed on May 23, 2003. Six shallow soil borings were drilled at the site in areas of suspected chemical release. These areas included the waste transmission oil storage area, the oil storage area, the parts cleaning area and the transmission rack areas. Surface soil from approximately 0.5' depth was sampled from each borehole. The sample from the parts washing sink area was analyzed for VOCs by EPA 8260. The samples collected from the transmission oil storage area were analyzed for oil and grease after silica gel treatment. The samples from beneath the transmission racks were analyzed for TPH as transmission oil (TPHto) by EPA Method 8015. The only samples exhibiting elevated TPH concentrations were those taken in the transmission rack areas designated as Trans. Rack 1 and Trans. Rack 2, where 4680 and 14700 ppm TPHto was reported, respectively. It was noted that the area of Trans. Rack 1 was where surface water appeared to be draining. See Attachment 3 and 4.

Based upon these results, the area around Trans Rack #2 was over-excavated to the dimensions of 2' x 2' x 2.4' and confirmation samples taken at the sidewall at 1.5' bgs and from the bottom. The same thing was also done in the area of Trans Rack #1. Trans Rack # 1 contaminant concentration was reduced from 4680 ppm to 570 ppm and Trans Rack #2 contaminant concentration was reduced from 14, 700 ppm to 830 ppm TPHto. See Attachment 5 and 6.

*For info  
ADA 4/20/04*

*yes + MTBE*

On November 19, 2003, twelve (12) additional borings were advanced at the site to further characterize and delineate the extent of the petroleum release in soil. The locations of the borings were such as to delineate the petroleum releases near Trans Rack #1 and Trans Rack #2 and to test soils in the parts wash area for mineral spirits. Soil samples from each of the borings was collected at a depth of 3-3.5' bgs and analyzed for TPH as diesel, as kerosene, as mineral spirits and as motor oil. All samples were reported as ND. Lead was reported as ranging from 4.5-6.7 ppm. Therefore, it appears that the releases of transmission oil are limited in lateral and vertical extent. The samples collected within the parts wash area did not exhibit a release of petroleum contamination in any range; mineral spirits, kerosene, diesel or motor oil. Evaluation of the chromatograms of material from Trans. Rack 1 and Trans. Rack 2 (attached) was done by North State Labs. Although they cannot rule out the possibility that the TPHto might contain some TPH as motor oil, due to overlap of the boiling ranges, the chromatogram of these samples most resemble transmission fluid. It was observed that the center of the chromatogram of these samples appear to be at a lower carbon range than that of motor oil. See Attachment 7 and chromatograms of diesel fuel, motor oil, transmission oil and Trans Rack #1 and Trans Rack #2.

Site closure is recommended based upon:

- The release at the site appears to be confined to areas of surface spillage and low spots where surface spillage would tend to accumulate.
- The release appears to be transmission oil, which is considered "residual fuels". The ESLs for residual fuels for commercial land use, 1000 ppm is not exceeded in the residual surface soil samples tested.

#### IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes No		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes No		
Does corrective action protect public health for current land use? Alameda County Environmental Health staff does not make specific determinations concerning public health risk. However, based upon the information available in our files to date, it does not appear that the release would present a risk to human health based upon current land use and conditions.		
Site Management Requirements: Case closure for the <sup>1</sup> SLIC site is granted for commercial land use. If a change in land use to residential or other conservative scenario occurs at this property, Alameda County Environmental Health must be notified and the case needs to be re-evaluated.		
Should corrective action be reviewed if land use changes? Yes		
Monitoring Wells Decommissioned: NA	Number Decommissioned: NA	Number Retained: NA
List Enforcement Actions Taken: NA		
List Enforcement Actions Rescinded: NA		

#### V. ADDITIONAL COMMENTS, DATA, ETC.

Considerations and/or Variances:

- Residual petroleum hydrocarbon contamination in soil remains in place at this site, however, the lateral and vertical extent appears limited. Contaminant concentrations decline to below ESLs within 3' of surface.
- No groundwater samples were taken at this site, however, the release appears to be limited in vertical extent and the contaminant appears to be solely transmission oil, which has minimal water solubility and low toxicity. Groundwater depth is estimated to be 10-12' bgs from a nearby site, well beneath the attenuated subsurface samples collected at ~ 2.5' bgs.
- The entire site was not sampled and characterized, however, samples were collected in areas of visual staining and topographical low stops, which would tend to collect surface releases. Site is recommended for closure for current commercial land use only.
- Because the boiling range of transmission oil and motor oil overlap, it is impossible to say that no motor oil is present in the TPHto reported in samples. Because the release was characterized by the laboratory as transmission oil, not motor oil, the entire suite of motor oil analytes was not run ie TPHg, VOCs, Semi-VOCs, and heavy metals.
- No surface soil samples were collected in the samples taken to delineate the release, however, if there had been a significant surface release, TPH contamination would be expected to be present at 3-3.5', the depth at which soil samples were taken.

Conclusion:

Alameda County Environmental Health staff believe that the levels of residual contamination do not pose a significant threat to water resources, public health and safety, and the environment under the current commercial land uses (automotive transmission repair facility) based upon the information available in our files to date. Residual petroleum hydrocarbons appear to be confined to the immediate vicinity of the former transmission racks. ACEH staff recommend closure for this site.

**VI. LOCAL AGENCY REPRESENTATIVE DATA**

Prepared by: Barney Chan	Title: Hazardous Materials Specialist
Signature:	Date:
Approved by: Donna L. Drogos, P.E.	Title: Supervising Hazardous Materials Specialist
Signature:	Date:

This closure approval is based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions.

**VII. REGIONAL BOARD NOTIFICATION**

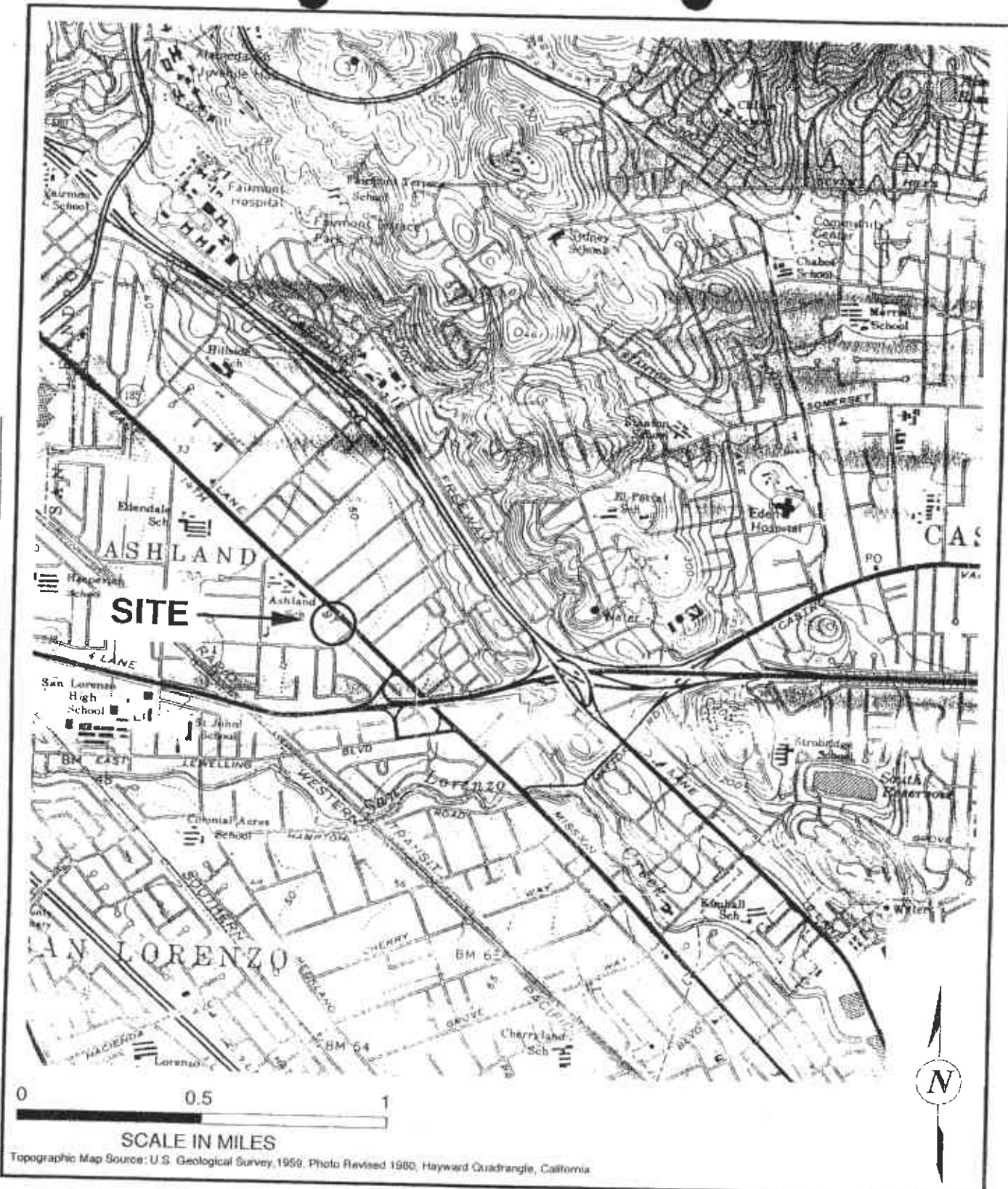
Regional Board Staff Name: Betty Graham	Title: Associate Water Resources Control Engineer
---	---

**Attachments:**

1. Site Vicinity Map
2. Site Plan
3. Soil Analytical Data
4. Soil Sample Locations
5. Soil Sample Locations
6. Soil Analytical Data
7. Soil Boring Location Map and Chromatograms

This document and the related CASE CLOSURE LETTER, shall be retained by the lead agency as part of the official site file.

DATE 4/18/03  
REVIEWED BY  
DGT  
PREPARED BY



Site Location



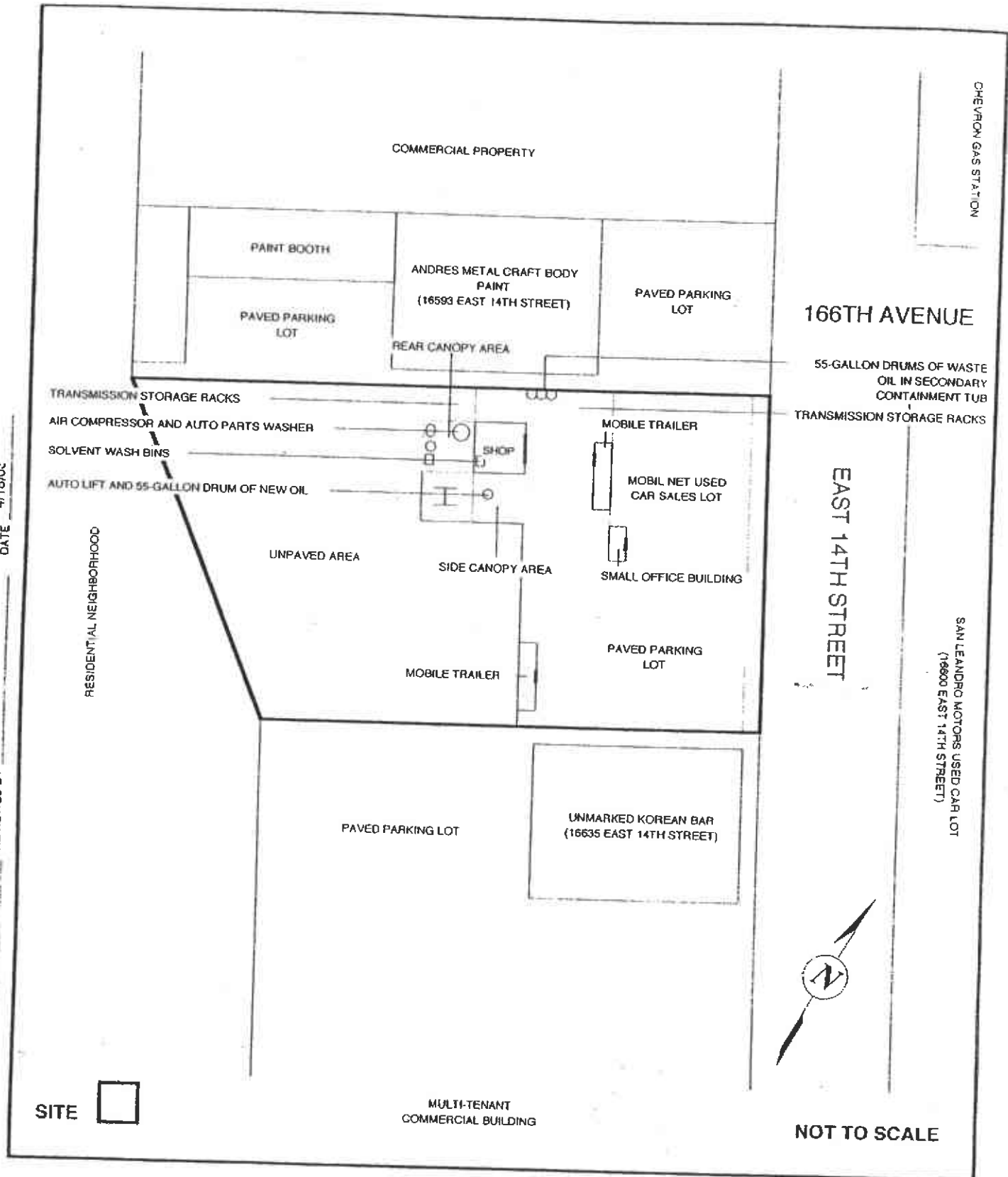
Phase I Environmental Site Assessment  
16611 East 14th Street  
San Leandro, California

PROJECT NO  
03-ENV456A

ATTACHMENT 1

TBLUCK

DATE 4/18/03  
REVIEWED BY  
DGT  
PREPARED BY



CHEVRON GAS STATION

166TH AVENUE

55-GALLON DRUMS OF WASTE OIL IN SECONDARY CONTAINMENT TUB  
TRANSMISSION STORAGE RACKS

EAST 14TH STREET

SAN LEANDRO MOTORS USED CAR LOT  
(16600 EAST 14TH STREET)

Site Plan



Phase I Environmental Site Assessment  
16611 East 14th Street  
San Leandro, California

PROJECT NO  
03-ENV456A

ATTACHMENT 2

TBLCK (5/2/00)2

<b>TABLE 1</b> <b>SOIL ANALYTICAL RESULTS</b> <b>16611 East 14th Street, San Leandro</b>  Samples collected on May 23, 2003			
Sample/ Depth (feet)	VOCs Σ260	TPH Trans. Fluid	Petrol. Oil & Grease
Parts wash #1 (0.5')	ND	NA	NA
Parts wash #2 (0.5')	NA	NA	270
Oil Stg.#1 (0.5')	NA	NA	150
Trans. Rack 1 (0.5')	NA	4,680	NA
Trans. Rack 2 (0.3')	NA	14,700	NA
Oil Stg. #2 (0.5')	NA	NA	<50

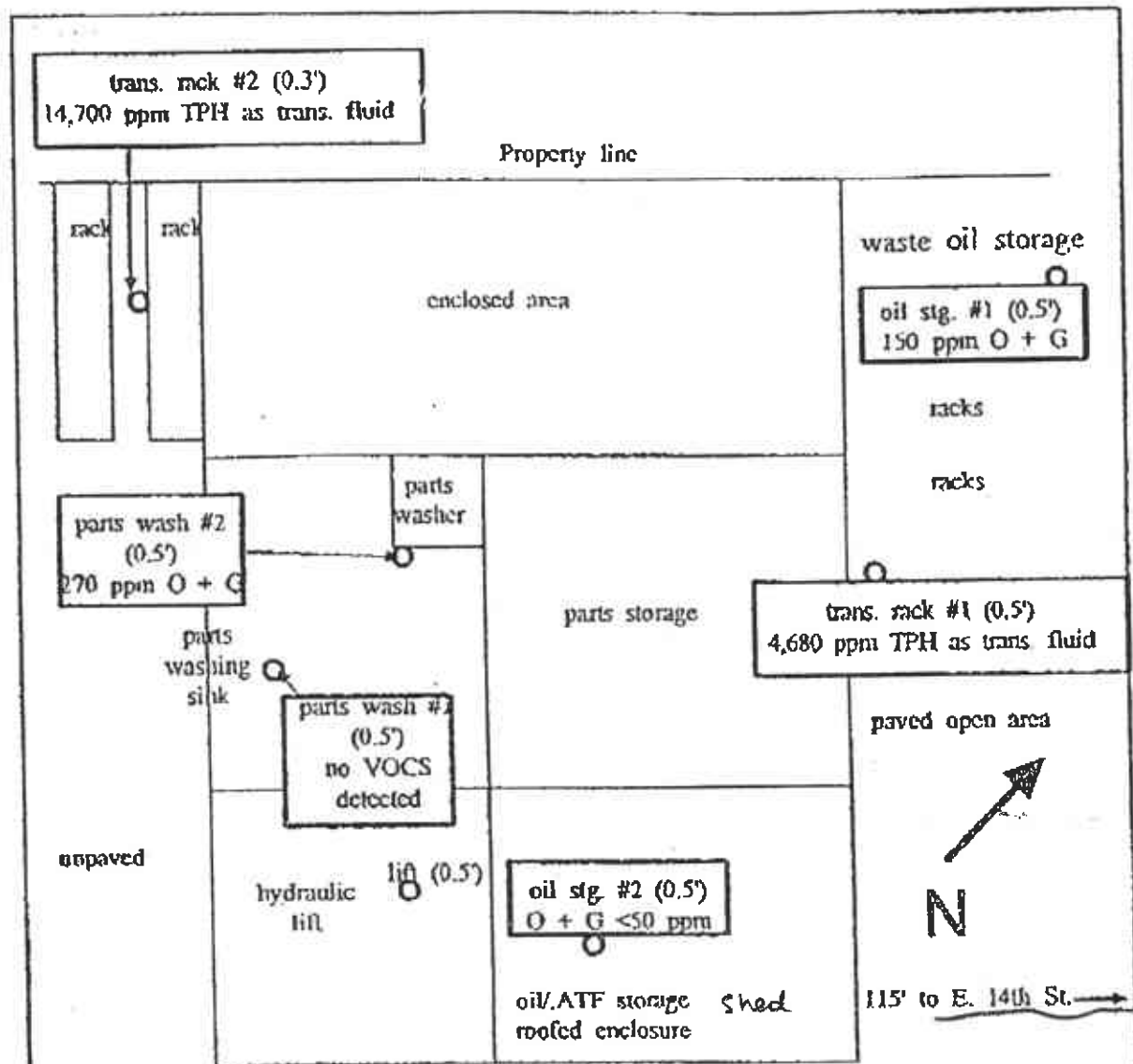
**EXPLANATION:**  
 ppm = parts per million

TPH = Total Petroleum Hydrocarbons  
 VOCs = Volatile organic compounds

**ANALYTICAL METHODS:**  
 TPH as Trans. Fluid by EPA Method 8015.  
 Petroleum Oil and Grease by Silca Gel Treatment, Method E1664.

ATTACHMENT 3



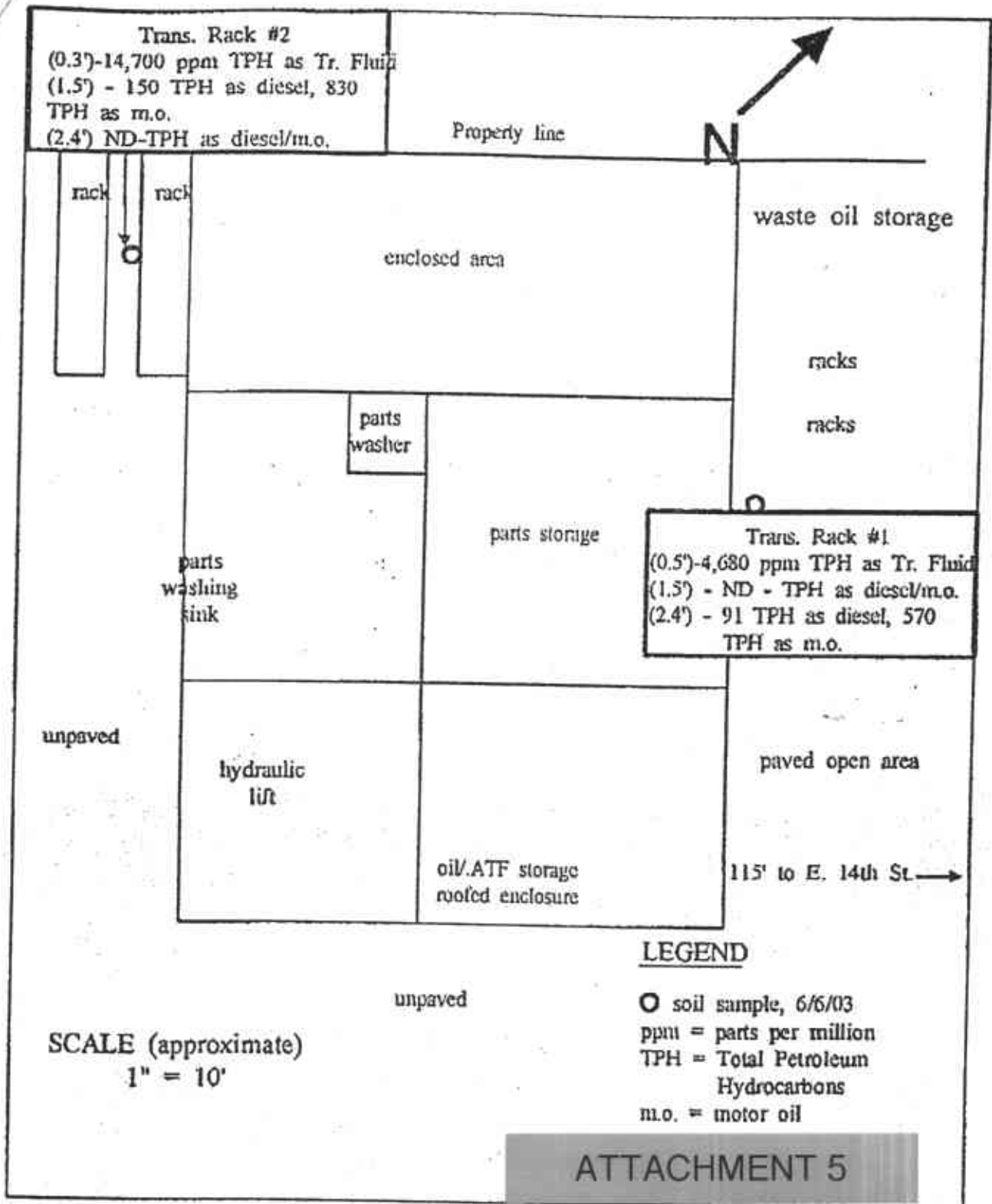


SCALE (approximate)  
1" = 10'

**LEGEND**  
 ○ soil boring, 5/23/03  
 ppm = parts per million  
 O + G = Petroleum oil and grease  
 TPH = Total Petroleum Hydrocarbons  
 VOCs = volatile organic compounds

**ATTACHMENT 4**

**FIGURE 2**  
**PROPERTY SITE PLAN**  
 16611 EAST 14<sup>th</sup> STREET  
 SAN LEANDRO, CALIFORNIA  
 NOT TO SCALE  
 MAY 2003



**FIGURE 2**  
**PROPERTY SITE PLAN**

16611 EAST 14<sup>TH</sup> STREET  
 SAN LEANDRO, CALIFORNIA

JUNE 2003

**TABLE 1**  
**SOIL ANALYTICAL RESULTS**  
 16611 East 14th Street, San Leandro

Samples collected on May 23 and June 6, 2003

Sample/ Depth (feet)	Date	VOCs 8260	TPH Trans. Fluid	Petrol. Oil & Grease
Parts wash #1 (0.5')	5/23/03	ND	NA	NA
Parts wash #2 (0.5')	5/23/03	NA	NA	270
Oil Stg.#1 (0.5')	5/23/03	NA	NA	150
Trans. Rack 1 (0.5')	5/23/03	NA	4,680	NA
Trans. Rack 1 (1.5')	6/9/03	NA	ND	NA
Trans. Rack 1 (2.4')	6/9/03	NA	570	NA
Trans. Rack 2 (0.3')	5/23/03	NA	14,700	NA
Trans. Rack 2 (1.5')	6/9/03	NA	830	NA
Trans. Rack 2 (2.4')	6/9/03	NA	ND	NA
Oil Stg. #2 (0.5')	5/23/03	NA	NA	<50

**EXPLANATION:**

All concentrations are listed in parts per million (ppm)

ND = Not detected at the detection limits

NA = Not analyzed

TPH = Total Petroleum Hydrocarbons

VOCs = Volatile organic compounds

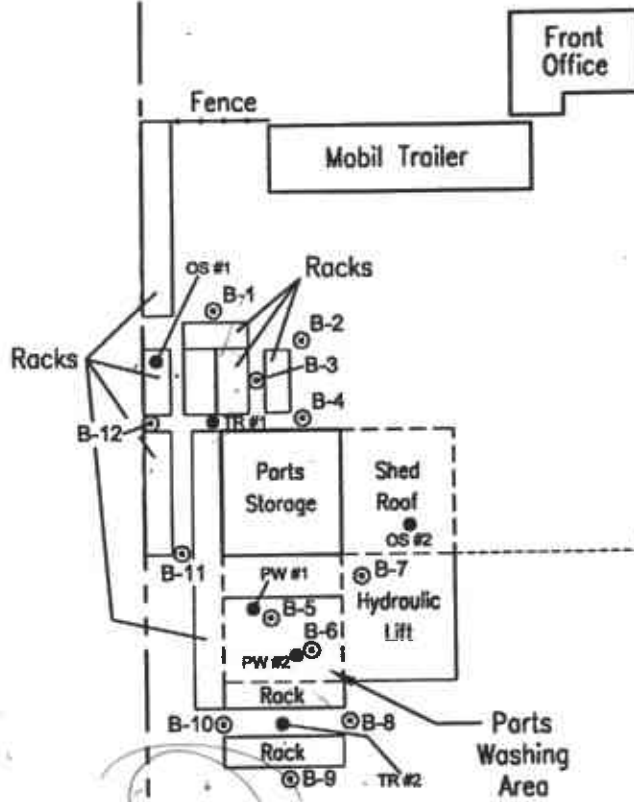
**ANALYTICAL METHODS:**

TPH as Trans. Fluid by EPA Method 8015.

Petroleum Oil and Grease by Silca Gel Treatment, Method E1664.

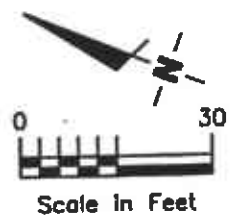
**ATTACHMENT 6**

**EAST 14TH STREET**



**EXPLANATION**

- ⊙ ERAS soil borings
- PIERS soil borings



**ATTACHMENT 7**

**BORING LOCATION MAP**

DATE  
12/03  
REVIEWED BY  
DS

See The Doctor Transmission  
16611 East 14th Street  
San Leandro, California

JOB NUMBER  
3088B  
FIGURE  
2

**ERAS Environmental Inc.**



North State Labs

CA CLAP# 1753

90 South Spruce Avenue, Suite V • South San Francisco, CA 94080 • (650) 266-4563 • FAX (650) 266-4560

C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 03-1673  
Client: ERAS Environmental  
Project: 03080B/16611 E. 14TH STREET

Date Reported: 12/16/2003

Fuel Range Hydrocarbons by Method 8015M  
Lead by Method 6010B ICAP

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 03-1673-01 Client ID: B-1,3-3.5 11/19/2003 SO					
Lead	SW6010B	4.8	MG/KG		12/15/2003
Diesel Fuel #2	CATFH	ND<1	MG/KG		11/22/2003
Kerosene	CATFH	ND<1	MG/KG		11/22/2003
Motor Oils	CATFH	ND<10	MG/KG		11/22/2003
Sample: 03-1673-02 Client ID: B-2,3-3.5 11/19/2003 SO					
Lead	SW6010B	4.5	MG/KG		12/15/2003
Diesel Fuel #2	CATFH	ND<1	MG/KG		11/22/2003
Kerosene	CATFH	ND<1	MG/KG		11/22/2003
Motor Oils	CATFH	ND<10	MG/KG		11/22/2003
Sample: 03-1673-03 Client ID: B-3,3-3.5 11/19/2003 SO					
Lead	SW6010B	4.5	MG/KG		12/15/2003
Diesel Fuel #2	CATFH	ND<1	MG/KG		11/22/2003
Kerosene	CATFH	ND<1	MG/KG		11/22/2003
Motor Oils	CATFH	ND<10	MG/KG		11/22/2003
Sample: 03-1673-04 Client ID: B-4,3-3.5 11/19/2003 SO					
Lead	SW6010B	5.7	MG/KG		12/15/2003
Diesel Fuel #2	CATFH	ND<1	MG/KG		11/22/2003
Kerosene	CATFH	ND<1	MG/KG		11/22/2003
Motor Oils	CATFH	ND<10	MG/KG		11/22/2003



# North State Labs

90 South Spruce Avenue, Suite V • South San Francisco, CA 94080 • (650) 266-4563 • FAX (650) 266 4560

CA ELAP# 1753

## C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 03-1673  
Client: ERAS Environmental  
Project: 03088B/16611 E. 14TH STREET

Date Reported: 12/16/2003

Fuel Range Hydrocarbons by Method 8015M  
Lead by Method 6010B ICAP

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 03-1673-05	Client ID: B-5,3-3.5			11/19/2003	SO
Lead	SW6010B	6.7	MG/KG		12/15/2003
Diesel Fuel #2	CATFH	ND<1	MG/KG		11/22/2003
Kerosene	CATFH	ND<1	MG/KG		11/22/2003
Mineral Spirits	CATFH	ND<1	MG/KG		11/22/2003
Motor Oils	CATFH	ND<10	MG/KG		11/22/2003
Sample: 03-1673-06	Client ID: B 6,3-3.5			11/19/2003	SO
Lead	SW6010B	5.2	MG/KG		12/15/2003
Diesel Fuel #2	CATFH	ND<1	MG/KG		11/22/2003
Kerosene	CATFH	ND<1	MG/KG		11/22/2003
Mineral Spirits	CATFH	ND<1	MG/KG		11/22/2003
Motor Oils	CATFH	ND<10	MG/KG		11/22/2003
Sample: 03-1673-07	Client ID: B-7,3-3.5			11/19/2003	SO
Lead	SW6010B	6.2	MG/KG		12/15/2003
Diesel Fuel #2	CATFH	ND<1	MG/KG		11/22/2003
Kerosene	CATFH	ND<1	MG/KG		11/22/2003
Motor Oils	CATFH	ND<10	MG/KG		11/22/2003



# North State Labs

90 South Spruce Avenue, Suite V • South San Francisco, CA 94080 • (650) 266-4563 • FAX (650) 266-4560

CA ELAP # 1753

## C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 03-1673  
Client: ERAS Environmental  
Project: 03088B/16611 E. 14TH STREET

Date Reported: 12/16/2003

Fuel Range Hydrocarbons by Method 8015M  
Lead by Method 6010B ICAP

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 03-1673-08 Client ID: B-8,3-3.5 11/19/2003 SO					
Lead	SW6010B	5.1	MG/KG		12/15/2003
Diesel Fuel #2	CATFH	ND<1	MG/KG		11/22/2003
Kerosene	CATFH	ND<1	MG/KG		11/22/2003
Motor Oils	CATFH	ND<10	MG/KG		11/22/2003
Sample: 03-1673-09 Client ID: B-9,3-3.5 11/19/2003 SO					
Lead	SW6010B	5.5	MG/KG		12/15/2003
Diesel Fuel #2	CATFH	ND<1	MG/KG		11/22/2003
Kerosene	CATFH	ND<1	MG/KG		11/22/2003
Motor Oils	CATFH	ND<10	MG/KG		11/22/2003
Sample: 03 1673 10 Client ID: B 10,3 3.5 11/19/2003 SO					
Lead	SW6010B	6.2	MG/KG		12/15/2003
Diesel Fuel #2	CATFH	ND<1	MG/KG		11/22/2003
Kerosene	CATFH	ND<1	MG/KG		11/22/2003
Motor Oils	CATFH	ND<10	MG/KG		11/22/2003
Sample: 03-1673-11 Client ID: B-11,3-3.5 11/19/2003 SO					
Lead	SW6010B	4.6	MG/KG		12/15/2003
Diesel Fuel #2	CATFH	ND<1	MG/KG		11/22/2003
Kerosene	CATFH	ND<1	MG/KG		11/22/2003
Motor Oils	CATFH	ND<10	MG/KG		11/22/2003



# North State Labs

90 South Spruce Avenue, Suite V • South San Francisco, CA 94080 • (650) 266-4563 • FAX (650) 266-4560

CA ELAP# 1753

## C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 03-1673  
Client: ERAS Environmental  
Project: 03088B/16611 E. 14TH STREET

Date Reported: 12/16/2003

Fuel Range Hydrocarbons by Method 8015M  
Lead by Method 6010B ICAP

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 03 1673 12 Client ID: B-12,3-3.5				11/19/2003	SO
Lead	SW6010B	5.5	MG/KG		12/15/2003
Diesel Fuel #2	CATFH	ND<1	MG/KG		11/22/2003
Kerosene	CATFH	ND<1	MG/KG		11/22/2003
Motor Oils	CATFH	ND<10	MG/KG		11/22/2003

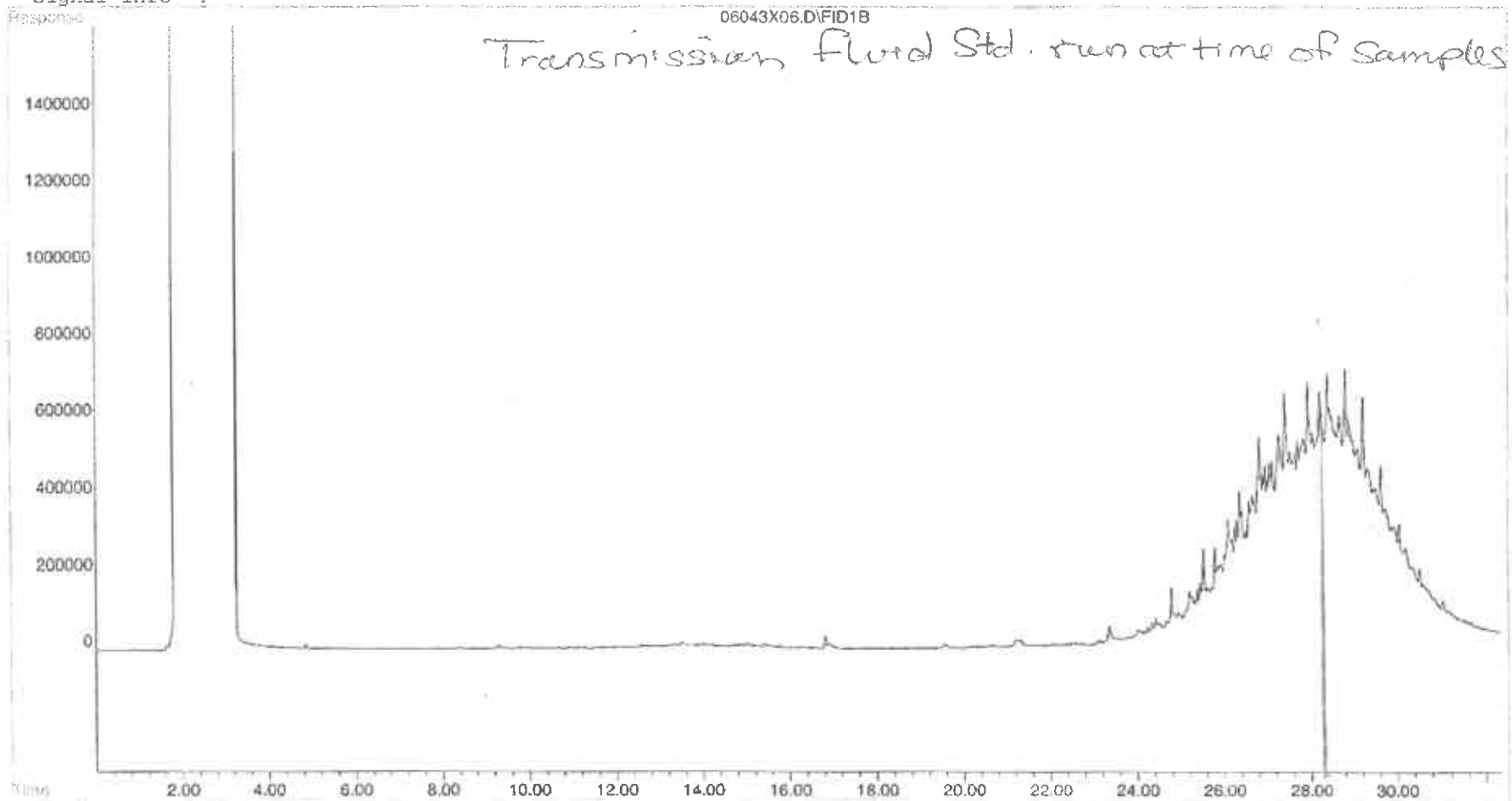


Quantitation Report

Data File : E:\HPCHEM\1\DATAOLD7313\06043X06.D Vial: 6  
Acq On : 04 Jun 2003 3:05 pm Operator: SO  
Sample : TRANS 1000 Inst : GC/MS Ins  
Misc : 1 DD:06/04/2003 Multiplr: 1.00  
IntFile : EVENTS.E  
Quant Time: Jun 4 14:37 2003 Quant Results File: TPH.RES

Quant Method : E:\HPCHEM\1\METHODS\TPH.M (Chemstation Integrator)  
Title :  
Last Update : Tue May 06 14:45:23 2003  
Response via : Multiple Level Calibration  
DataAcq Meth : TPH.M

Volume Inj. :  
Signal Phase :  
Signal Info :

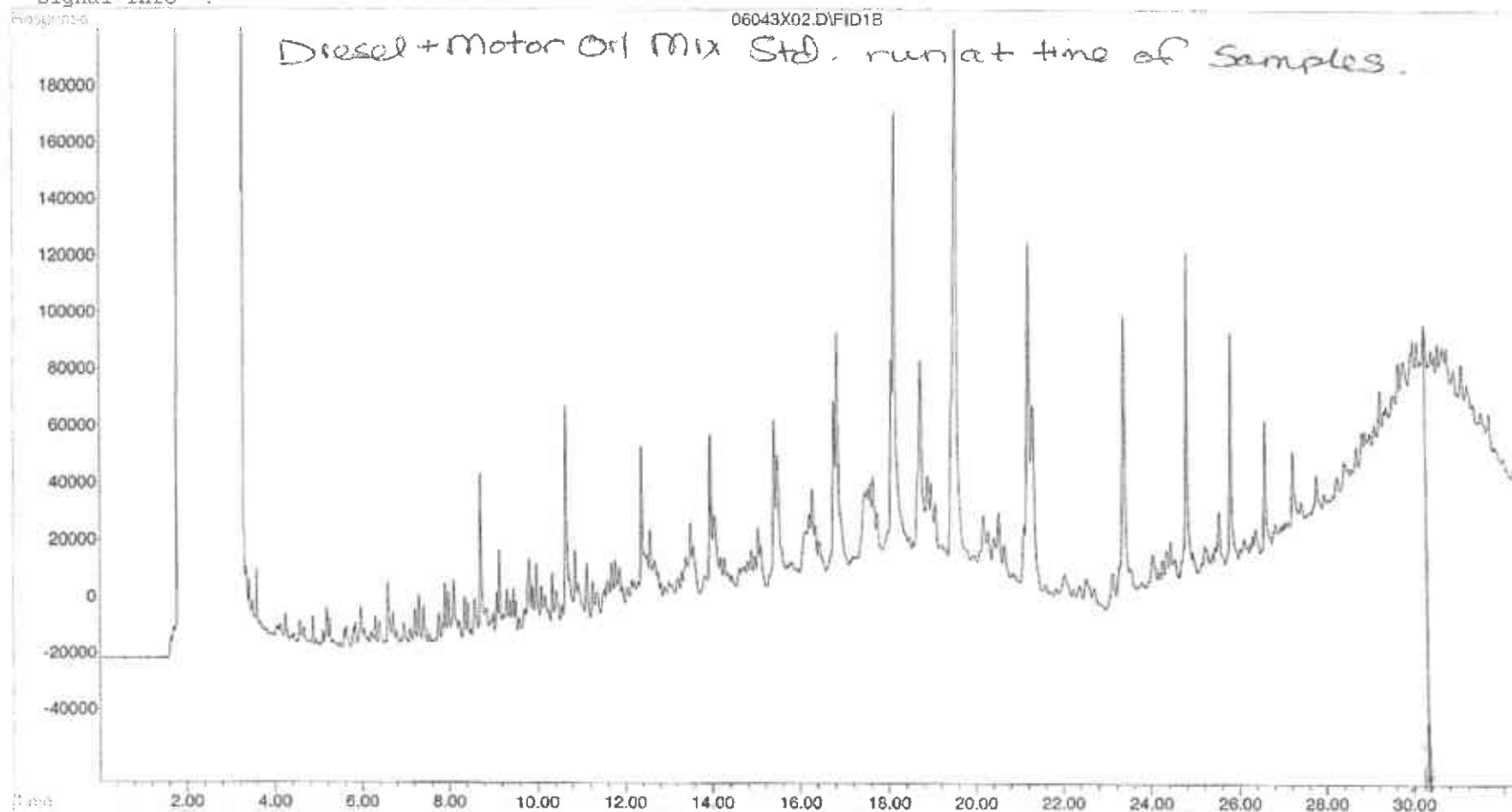


Quantitation Report

Data File : E:\HPCHEM\1\DATAOLD7313\06043X02.D Vial: 2  
Acq On : 04 Jun 2003 9:08 am Operator: SO  
Sample : D/MO 200 Inst : GC/MS Ins  
Misc : 1 DD:06/04/2003 Multiplr: 1.00  
IntFile : EVENTS.E  
Quant Time: Jun 4 8:41 2003 Quant Results File: TPH.RES

Quant Method : E:\HPCHEM\1\METHODS\TPH.M (Chemstation Integrator)  
Title :  
Last Update : Tue May 06 14:45:23 2003  
Response via : Multiple Level Calibration  
DataAcq Meth : TPH.M

Volume Inj. :  
Signal Phase :  
Signal Info :

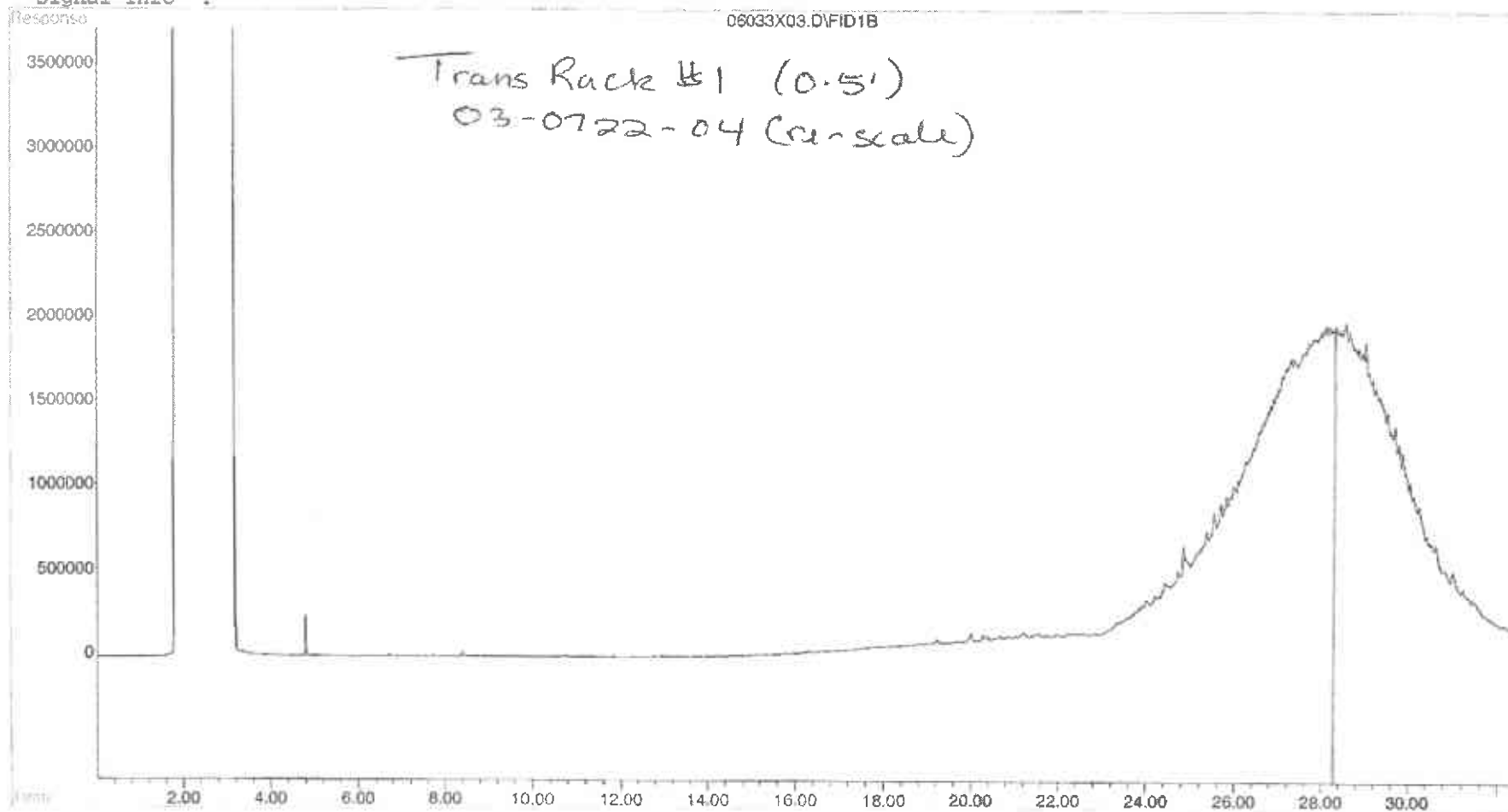


Quantitation Report

Data File : E:\HPCHEM\1\DATAOLD7313\06033X03.D Vial: 3  
Acq On : 03 Jun 2003 12:30 pm Operator: SO  
Sample : 03-0722-04 Inst : GC/MS Ins  
Misc : 1 DD:06/03/2003 Multiplr: 0.50  
IntFile : EVENTS.E  
Quant Time: Jun 3 12:02 2003 Quant Results File: TPH.RES

Quant Method : E:\HPCHEM\1\METHODS\TPH.M (Chemstation Integrator)  
Title :  
Last Update : Tue May 06 14:45:23 2003  
Response via : Multiple Level Calibration  
DataAcq Meth : TPH.M

Volume Inj. :  
Signal Phase :  
Signal Info :



Quantitation Report

Data File : E:\HPCHEM\1\DATAOLD7313\06033X04.D Vial: 4  
Acq On : 03 Jun 2003 1:16 pm Operator: SO  
Sample : 03-0722-05 Inst : GC/MS Ins  
Misc : 1 DD:06/03/2003 Multiplr: 0.50  
IntFile : EVENTS.E  
Quant Time: Jun 3 12:48 2003 Quant Results File: TPH.RES

Quant Method : E:\HPCHEM\1\METHODS\TPH.M (Chemstation Integrator)  
Title :  
Last Update : Tue May 06 14:45:23 2003  
Response via : Multiple Level Calibration  
DataAcq Meth : TPH.M

Volume Inj. :  
Signal Phase :  
Signal Info :

