REPORT OF SOIL AND GROUNDWATER INVESTIGATION

Miller Quality Meats UST Site
201 & 206 2nd Street
Oakland, California

GA Project No. 105-06-01

206 2nd St
STID 5846

Prepared for:

Scott Company
1717 Doolittle Drive
San Leandro, California

Prepared by:

Gribi Associates
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July 11, 2001

GRIBI Associates

Geological and Environmental Consulting Services

July 11, 2001

Alameda County Department of
Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

Attention: Barney Chan

Subject: Report of Soil and Groundwater Investigation
Miller Quality Meats UST Site
201 & 206 2nd Street, Oakland,
Alameda County StID Nos. 3700 and 5846
GA Project No. 105-06-01

Ladies and Gentlemen:

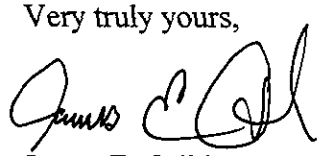
Gribi Associates is pleased to submit this report documenting a soil and groundwater investigation conducted at the Miller Quality Meats facility at 201 and 206 2nd Street in Oakland, California. The soil and groundwater investigation included the drilling and sampling of eight soil borings, IB-1 through IB-8, to investigate three separate former underground storage tanks (USTs), including two gasoline USTs adjacent to the 201 2nd Street project site building and one bunker oil UST adjacent to the 206 2nd Street project site building. The goal of the investigation was to assess soil and groundwater conditions in an expected downgradient (southerly) direction from the previously removed USTs in order to address regulatory site closure.

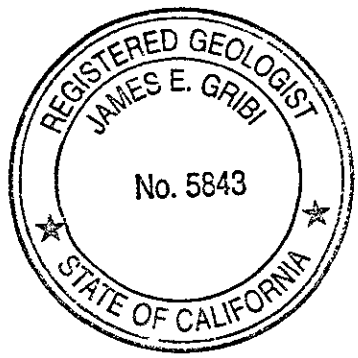
Results from this investigation and from previous UST removal sampling clearly show that while some hydrocarbon releases occurred from the three USTs, these releases are very localized and have not migrated significantly. It appears that there are only two small areas of hydrocarbon-impacted soil: (1) Immediately south-southwest from the former bunker oil UST, which showed elevated levels of TPH-D, but no significant BTEX or PNA constituents; and (2) Immediately south-southwest from the former Jackson Street gasoline UST, which showed elevated levels of TPH-G, but relatively low levels of BTEX constituents. The only groundwater sample with elevated hydrocarbons was the sample from IB-1, which contained an elevated concentration of TPH-D. Grab groundwater samples from borings IB-1 through IB-7 contained no detectable Benzene or MTBE.

Based on the limited extent of hydrocarbon impacts and the lack of significant Benzene and MTBE, we would expect that residual hydrocarbons at the site pose no significant environmental or human health risk.

We appreciate the opportunity to present this report for your review. Please contact us if you have questions or require additional information.

Very truly yours,





James E. Gribi
Registered Geologist
California No. 5843

JEG:cc
Enclosure

c Mr. Bill McCarthy, Scott Company

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1.0 INTRODUCTION

This report documents a recently-completed soil and groundwater investigation conducted at the Miller Quality Meats facility at 201 and 206 2nd Street in Oakland, California. The soil and groundwater investigation included the drilling and sampling of eight soil borings, IB-1 through IB-8, to investigate three separate former underground storage tanks (USTs), including two gasoline USTs adjacent to the 201 2nd Street project site building and one bunker oil UST adjacent to the 206 2nd Street project site building. The goal of the investigation was to assess soil and groundwater conditions in an expected downgradient (southerly) direction from the previously removed USTs in order to address regulatory site closure.

1.1 Site Background

One 1,000-gallon bunker oil UST and one 500-gallon gasoline UST were removed by Scott Company on August 6, 1996. The bunker oil UST was located in the north 2nd Street sidewalk, adjacent to the Miller Quality Meats outlet store at 206 2nd Street. The 500-gallon gasoline UST was located in the west Jackson Street sidewalk, adjacent to the Miller Quality Meats offices and warehouse at 201 2nd Street. Groundwater was encountered in the excavation cavities at a depth of about 5.5 feet below ground surface.

One soil sample collected at about 5.0 feet in depth beneath the removed bunker oil UST contained 11,000 parts per million (ppm) of Total Petroleum Hydrocarbons as Diesel (TPH-D), with very low levels of some Polynuclear Aromatic Compounds (PNAs). One soil sample collected at about 5.5 feet in depth beneath the removed gasoline UST contained 1,700 ppm of Total Petroleum Hydrocarbons as Gasoline (TPH-G), 0.54 ppm of Benzene, and no detectable Methyl-t-butyl Ether (MTBE) or Total Lead.

On August 23, 1996, Scott Company conducted overexcavation and dewatering of the two UST excavation cavities. Approximately 25 cubic yards of soil was removed from the bunker oil UST cavity, and approximately 15 cubic yards of soil was removed from the gasoline UST cavity. This soil was combined with soil excavated during UST removal activities, and a total of about 81 tons of soil was hauled to Bay Area Soils in Richmond, California for thermal desorption. Also, during overexcavation, approximately 750 gallons of groundwater was removed from the two UST cavities for offsite disposal. Following completion of overexcavation and sampling activities, the two excavation cavities were backfilled with clean imported sand and resurfaced to match existing surface grade.

Three sidewall soil samples were collected from the bunker UST overexcavation cavity. The easterly and northerly sidewall soil samples from this excavation cavity contained TPH-D concentrations of 5,700 ppm and 9,100 ppm, respectively. Four sidewall soil samples and one grab groundwater sample were collected from the gasoline UST overexcavation cavity. The westerly and southerly sidewall soil samples from this excavation cavity contained TPH-G concentrations of 310 ppm and 390 ppm, respectively. The grab groundwater sample from the gasoline UST overexcavation cavity contained 34 ppm of TPH-G and 0.071 ppm of Benzene.

On June 5, 2001, Gribi Associates submitted a workplan to Alameda County Department of Environmental Health proposing to drill and sample eight soil borings at the site. This workplan was approved by Alameda County with provisions on June 7, 2001. In their approval letter, Alameda

County Department of Environmental Health stated that an additional 550-gallon gasoline UST was removed from the southwest 2nd Street sidewalk in November 1989. Soil samples collected during removal of this UST contained up to 180 ppm of TPH-G. As part of our investigation, Alameda County Department of Environmental Health requested that we provide additional assessment of this third UST.

1.2 Scope of Work

Gribi Associates was contracted by Scott Company to conduct the following scope of work:

- **Task 1** **Conduct prefield activities.**
- **Task 2** **Conduct drilling and sampling activities.**
- **Task 3** **Conduct laboratory analyses.**
- **Task 4** **Prepare report of findings.**

These tasks were conducted in accordance with the approved workplan and with guidelines contained in *Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites*, (August 10, 1990) and *LUFT Field Manual*, (October 18, 1989).

1.3 Limitations

The services provided under this contract as described in this report include professional opinions and judgments based on data collected. These services have been provided according to generally accepted environmental protocol. The opinions and conclusions contained in this report are typically based on information obtained from:

1. Observations and measurements made by our field staff.
2. Contacts and discussions with regulatory agencies and others.
3. Review of available hydrogeologic data.

2.0 Description of Field Activities

Drilling and sampling activities were conducted on Friday, June 15, 2001. All activities were conducted in accordance with the approved workplan and with applicable State and Federal guidelines and statutes.

2.1 Prefield Activities

Prior to implementing field activities, written approval was obtained from the Alameda County Department of Environmental Health. Also, a soil boring installation permit was obtained from Alameda County Department of Public Works , and an excavation permit will be obtained from the City of Oakland. Copies of these permits are contained in Appendix A. Also, proposed boring locations were marked with white paint, Underground Services Alert (USA) was notified at least 48 hours prior to drilling, and a private underground utility locator cleared proposed boring locations.

Prior to initiating drilling activities, a Site Safety Plan was prepared, and a tailgate safety meeting was conducted with all site workers.

2.2 Location of Borings

The locations of the eight soil borings, IB-1 through IB-8 are shown on Figure 2. Based on the expected southerly groundwater flow beneath the site, four borings, IB-1, IB-2, IB-3, and IB-8, were sited adjacent to the former bunker oil UST, and four borings, IB-4, IB-5, IB-6, and IB-7, were sited adjacent to the former 500-gallon gasoline UST. For each UST location, the four borings were arrayed in a general southerly direction, with the first two borings located near the former UST and subsequent borings located further southwest and southeast from the former UST. In addition, boring IB-3 was sited within the former 550-gallon gasoline UST.

2.3 Drilling and Sampling of Investigative Soil Borings

Investigative borings IB-1 through IB-7 were drilled to a depth of about 12 feet below surface grade using direct-push hydraulically-driven soil coring equipment. While attempting to drill a boring immediately southwest from the former bunker oil UST, an unmarked buried water main was breached, and this water main was excavated and repaired within a few hours by East Bay Municipal Utility District (EBMUD). After this area was excavated by EBMUD, Gribi Associates used a hand auger to advance a boring, IB-8, and to collect a soil sample from this location.

For borings IB-1 through IB-7, direct push coring equipment was used to collect continuous soil cores down to at least eight feet in depth, which were contained in a clear plastic acetate tube, nested inside a stainless steel core barrel. After the core barrel was brought to the surface and exposed, the core was examined, logged, and field screened for hydrocarbons by a qualified Gribi Associates scientist using sight and smell. Boring logs for the eight soil borings are contained in Appendix B. Following completion, investigative borings IB-1 through IB-7 were grouted to match existing grade using a cement\sand slurry.

Subsurface soils were sampled at approximately four-foot intervals starting at four feet in depth. After the sample and core barrel were raised to the surface, each sample was collected as follows: (1) The filled acetate tube was exposed for visual examination; (2) The selected sample interval was collected by cutting the sample and acetate plastic tubing to the desired length (typically about six inches); (3) The ends of the selected sample were quickly wrapped with Teflon sheets or aluminum foil, capped with plastic end caps, labeled and wrapped tightly with tape; and (4) The sealed soil sample was labeled and immediately placed in cold storage for transport to the analytical laboratory under formal chain-of-custody. All coring and sampling equipment was thoroughly cleaned and decontaminated between each sample collection by triple rinsing first with water, then with dilute tri-sodium phosphate solution, and finally with distilled water.

For borings IB-1 and IB-2, 3/4 inch diameter Schedule 40 PVC well casing was placed in each boring to allow for grab groundwater sampling. For borings IB-3 through IB-7, a hydropunch tool was pushed to about 12 feet in depth, and then opened from about eight feet to 12 feet to allow for grab groundwater sampling. Grab groundwater samples were collected from borings IB-1 through IB-7 using a clean disposable PVC bailer as follows: (1) Laboratory-supplied containers were completely filled directly from the bailer with a minimum of agitation; (2) After making sure that no air bubbles are present, each container was then tightly sealed with a Teflon-lined septum; and

(3) Each container was then labeled and placed in cold storage for transport to the analytical laboratory under formal chain-of-custody. All sampling equipment was thoroughly cleaned and decontaminated between each sample collection by triple rinsing as described above.

2.4 Laboratory Analysis of Soil and Water Samples

Soil samples from borings IB-1, IB-2, IB-3, IB-4, and IB-8 and grab groundwater samples from borings IB-1, IB-2, and IB-3 were analyzed for the following parameters:

USEPA 8015M Total Petroleum Hydrocarbons as Diesel/Motor Oil (TPH-D/MO)
USEPA 8020/602 Benzene, Toluene, Ethylbenzene, Xylenes (BTEX)
USEPA 8020/602 Methyl-t-butyl Ether (MTBE)

In addition, soil samples from IB-1 and IB-8 were analyzed for the following parameters:

USEPA 8270/625 Polynuclear Aromatics (PNAs)

Also, soil and grab groundwater samples from IB-3 through IB-7 were analyzed for the following parameters:

USEPA 8015M Total Petroleum Hydrocarbons as Gasoline (TPH-G)
USEPA 8020/602 Benzene, Toluene, Ethylbenzene, Xylenes (BTEX)
USEPA 8020/602 Methyl-t-butyl Ether (MTBE)

All analyses was conducted by Acculab, Inc. a California-certified analytical laboratory, with two-week turnaround on results.

3.0 RESULTS OF INVESTIGATION

3.1 General Subsurface Conditions

Boring IB-3 was drilled within the backfilled former 550-gallon gasoline UST excavation cavity, and encountered clean backfill gravel down to about nine feet in depth. Soils encountered in the seven remaining borings were generally similar, consisting primarily of fill material down to about three feet, followed by black to grey green silty fine-grained sands down to eight feet in depth (total depth of continuous soil cores). In boring IB-3, native soils encountered beneath the backfill gravels from about nine feet to 12 feet in depth consisted of grey green silty sands. Groundwater was encountered in borings IB-1 through IB-7 at a depth of about five feet below surface grade.

Moderate to strong apparent diesel hydrocarbon odors were noted in soils in boring IB-1 and IB-8, located immediately adjacent to the former bunker oil UST. Soils in further downgradient borings IB-2 and IB-3 exhibited no diesel hydrocarbon odors. Native soils below nine feet in depth in boring IB-3, located within the former 550-gallon gasoline UST cavity, exhibited slight to moderate gasoline hydrocarbon odors.

Moderate apparent gasoline hydrocarbon odors were noted in soils in borings IB-4 and IB-5, located immediately adjacent to the former 500-gallon gasoline UST. Soils in further downgradient borings IB-6 and IB-7 exhibited no hydrocarbon odors.

3.2 Results of Laboratory Analyses

Soil and water analytical results are summarized in Table 1 and on Figure 3 and Figure 4, respectively. The laboratory data report and chain-of-custody record for soil and groundwater analyses is contained in Appendix C.

Table 1
SUMMARY OF SOIL AND GRAB GROUNDWATER ANALYTICAL RESULTS
201 & 206 2nd Street UST Site

Sample ID	Sample Depth	Concentration (ppm)							
		TPH-D	TPH-MO	TPH-G	B	T	E	X	MTBE
Soil Samples									
IB-1.1	7.0 ft.	**930**	<20	--	<0.015	<0 015	**0.034**	**0.11**	<0.15
IB-1.2	9.5 ft.	<1.0	<10	--	--	--	--	--	--
IB-2.1	5 5 ft.	<1.0	<10	--	<0.0050	<0.0050	<0.0050	<0.0050	<0 050
IB-3.1	9.5 ft.	<5.0[1]	<10	**39**	**0.10**	**0.056**	**0.36**	**1.5**	<0.50
IB-4.1	3.5 ft.	<250[1]	**60**	**1,300**	**2.1**	**7.1**	**11**	**25**	<5.0
IB-4.2	5 5 ft.	--	--	**1.8**	**0.011**	**0.0071**	**0.014**	**0.022**	<0.050
IB-5.1	5.5 ft	--	--	**1,700**	<0 50	**0.83**	**2.7**	**7.4**	<5 0
IB-6.1	6.0 ft.	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050
IB-7.1	6.5 ft.	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050
IB-8.1	4.0 ft.	**15,000**	<200	--	<0 50	<0 50	**2.6**	**8.4**	<5.0
Grab Groundwater Samples									
IB-1W	6.0 ft[2]	**3,200**	<85.0	--	<0.500	**1.5**	**3.2**	**17.0**	<5.0
IB-2W	5.0 ft[2]	**0.086**	<0.100	--	<0.00050	<0.00050	<0.00050	<0.00050	<0.0050
IB-3W	4.5 ft[2]	<350[1]	**0.140**	<0.250	<0.0025	<0.0025	<0.0025	**0.0060**	<0.025
IB-4W	4.5 ft[2]	--	--	**0.190**	<0.00050	**0.00084**	<0 0005	**0.00088**	<0.0050
IB-5W	5.5 ft[2]	--	--	**0.440**	<0.00050	**0.0040**	**0.0028**	**0.0060**	<0.0050
IB-6W	6.0 ft[2]	--	--	**0.120**	<0.00050	**0.0012**	**0.0012**	**0.0034**	<0.0050
IB-7W	5.5 ft[2]	--	--	<0.050	<0.00050	<0.00050	<0.00050	**0.00052**	<0.0050

TPH-D = Total Petroleum Hydrocarbons as Diesel
TPH-MO = Total Petroleum Hydrocarbons as Motor Oil
TPH-G = Total Petroleum Hydrocarbons as Gasoline
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl-t-Butyl Ether
1 = Acculabs data report states "Increased reporting limit due to gasoline range interference
2 = Approximate groundwater depth below ground surface

Of the two soil samples analyzed for PNAs, the IB-1.1 sample contained no detectable concentrations of the 17 PNA compounds. The soil IB-8.1 soil sample contained the following PNAs:

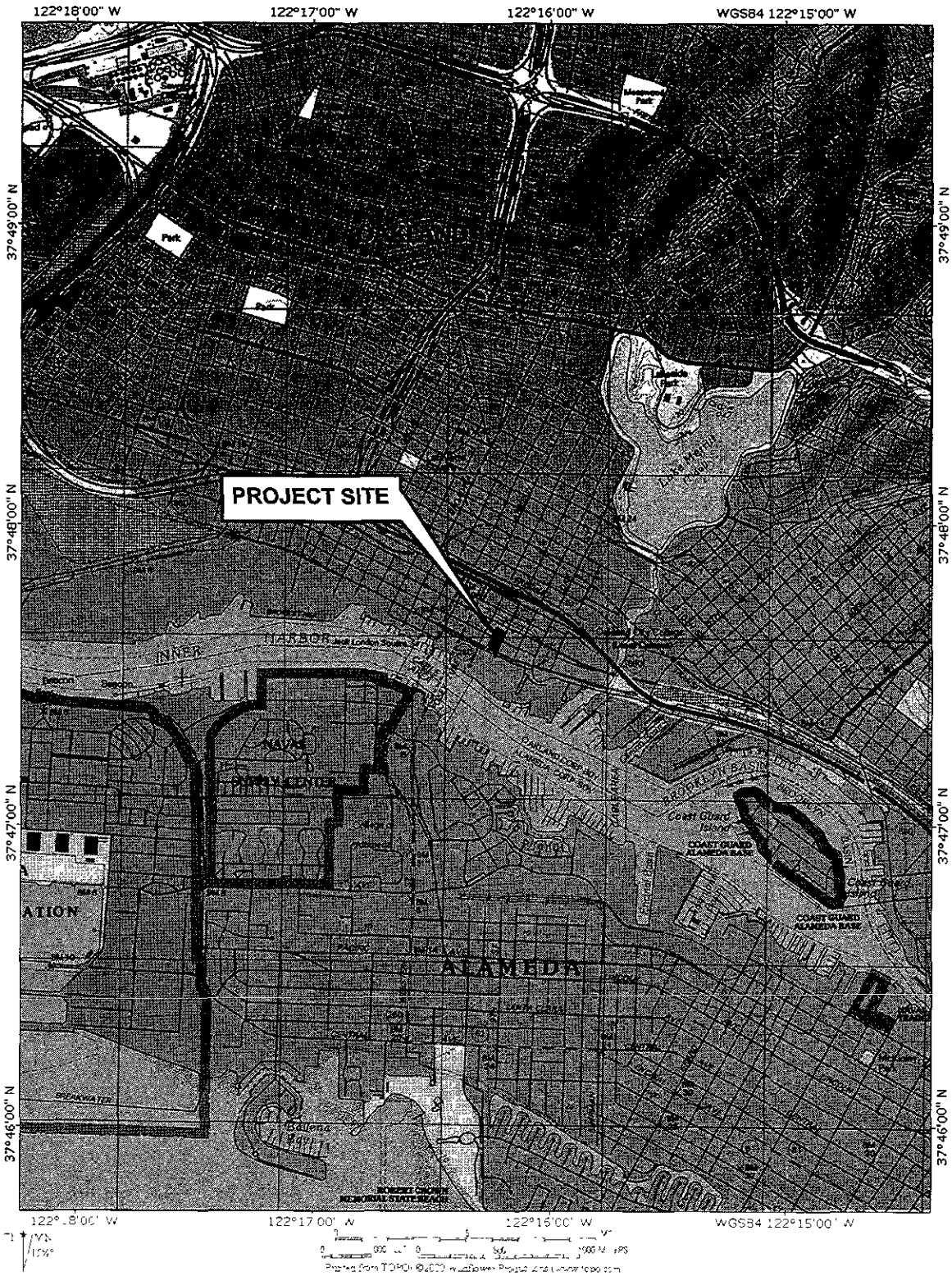
		PRG - Ind
Naphthalene	**6.8 ppm**	1.9E2
2-Methylnaphthalene	**20 ppm**	—
Fluorene	**15 ppm**	3.3E4
Phenanthrene	**9.7 ppm**	—

4.0 CONCLUSIONS

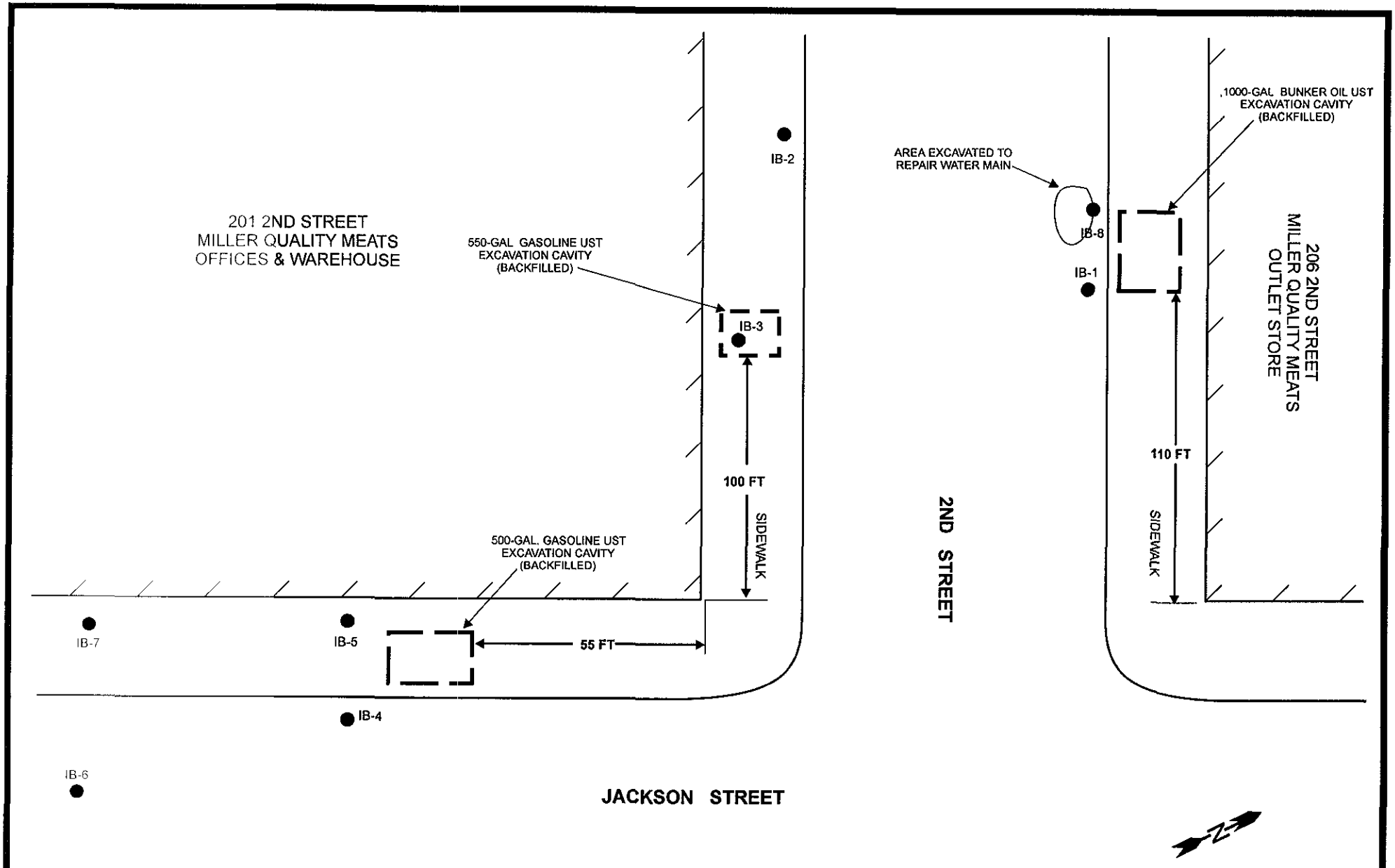
Results from this investigation and from previous UST removal sampling clearly show that while some hydrocarbon releases occurred from the three USTs, these releases are very localized and have not migrated significantly. It appears that there are only two small areas of hydrocarbon-impacted soil: (1) Immediately south-southwest from the former bunker oil UST, which showed elevated levels of TPH-D, but no significant BTEX or PNA constituents; and (2) Immediately south-southwest from the former Jackson Street gasoline UST, which showed elevated levels of TPH-G, but relatively low levels of BTEX constituents. The only groundwater sample with elevated hydrocarbons was the sample from IB-1, which contained an elevated concentration of TPH-D. Grab groundwater samples from borings IB-1 through IB-7 contained no detectable Benzene or MTBE.

Based on the limited extent of hydrocarbon impacts and the lack of significant Benzene and MTBE, we would expect that residual hydrocarbons at the site pose no significant environmental or human health risk.

FIGURES



DESIGNED BY	CHECKED BY	**SITE VICINITY MAP**	DATE 07/11/01	FIGURE 1
DRAWN BY JG	SCALE	MILLER QUALITY MEATS 201 & 206 2ND STREET OAKLAND CALIFORNIA	**GRIBI Associates**	
PROJECT NO 105-06-01				

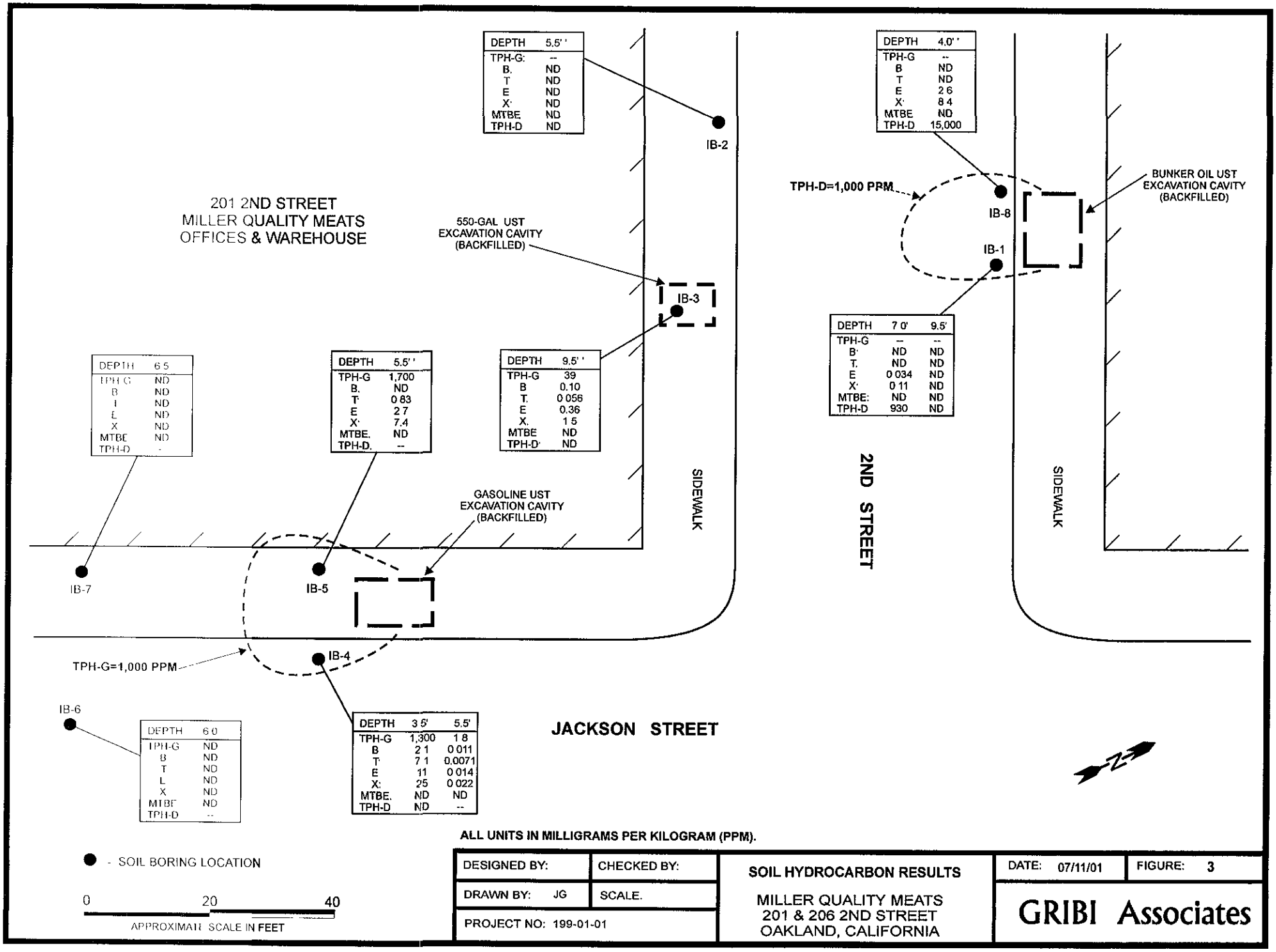


● - SOIL BORING LOCATION

0 20 40

APPROXIMATE SCALE IN FEET

DESIGNED BY:	CHECKED BY:	SITE PLAN MILLER QUALITY MEATS 201 & 206 2ND STREET OAKLAND, CALIFORNIA	DATE: 07/11/01 FIGURE: 2
DRAWN BY: JG	SCALE:		GRIBI Associates
PROJECT NO. 199-01-01			



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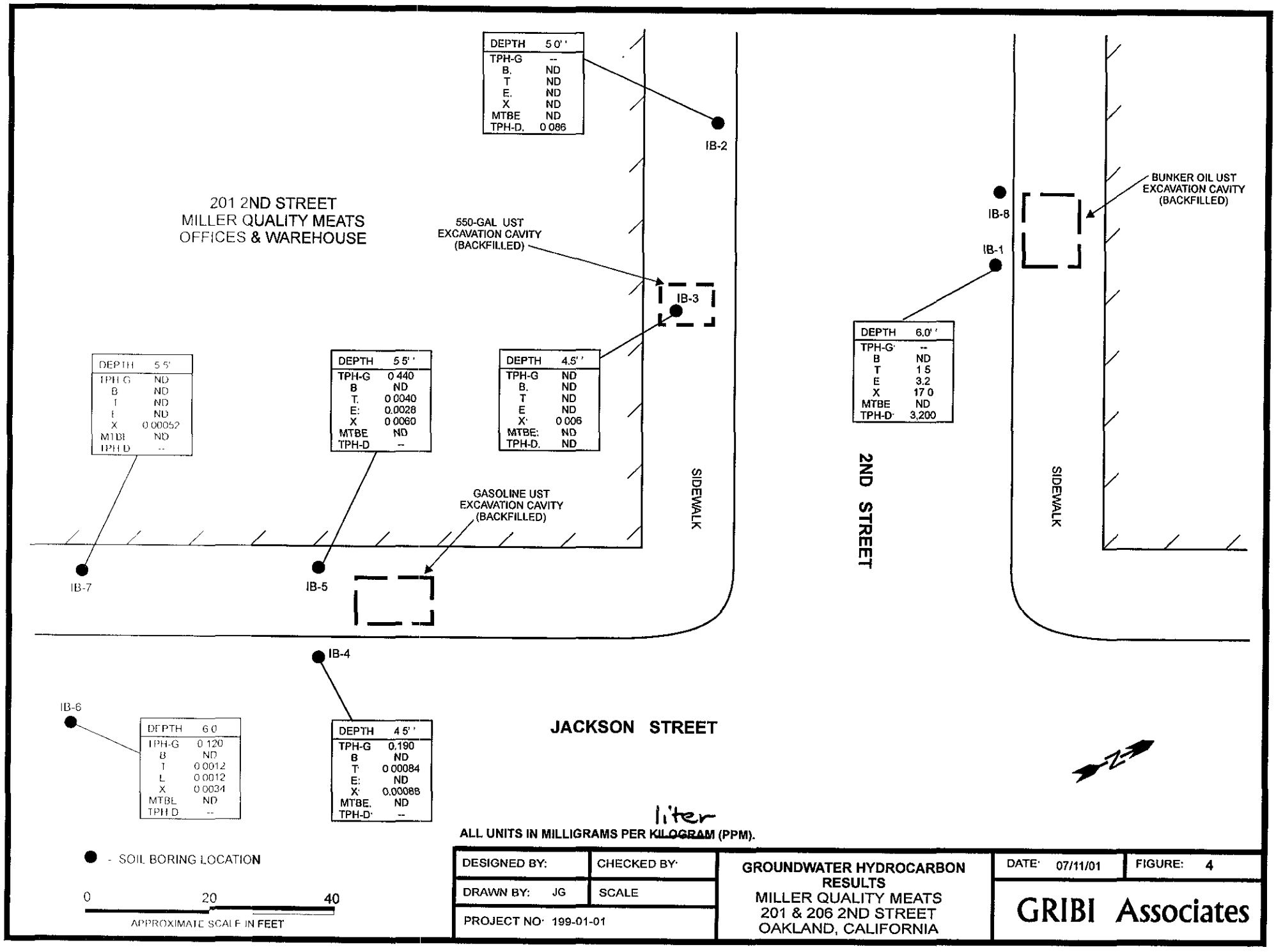
DESIGNED BY:	CHECKED BY:	SOIL HYDROCARBON RESULTS	DATE: 07/11/01 FIGURE: 3
DRAWN BY: JG	SCALE.	MILLER QUALITY MEATS 201 & 206 2ND STREET OAKLAND, CALIFORNIA	GRIBI Associates
PROJECT NO: 199-01-01			



DESIGNED BY:	CHECKED BY:	GROUNDWATER HYDROCARBON RESULTS MILLER QUALITY MEATS 201 & 206 2ND STREET OAKLAND, CALIFORNIA	DATE: 07/11/01 FIGURE: 4
DRAWN BY: JG	SCALE		GRIBI Associates
PROJECT NO: 199-01-01			

APPENDIX A

REGULATORY PERMITS

CITY OF OAKLAND
Office of Planning and Building

EXCAVATION PERMIT

TO EXCAVATE IN STREETS OR OTHER SPECIFIED WORK

CIVIL ENGINEERIN(

PERMIT NUMBER		SITE ADDRESS/LOCATION
X0101067		201 2ND Street
APPROX. START DATE: 6/15/01	APPROX. END DATE: 6/15/01	24-HOUR EMERGENCY PHONE NUMBER (Permit not valid without 24-Hour number): 707/863-8441
CONTRACTOR'S LICENSE # AND CLASS: 705927 C-57		CITY BUSINESS TAX #

ATTENTION:

1) State law requires that the contractor/owner call *Underground Service Alert (USA)* two working days before excavating. This permit is not valid unless applicant has secured an inquiry identification number issued by USA. The USA telephone number is 1 (800) 642-2444. UNDERGROUND SERVICE ALERT (USA) #: 180086

2) **48 hours prior to starting work, YOU MUST CALL (510) 238-3651 TO SCHEDULE AN INSPECTION.**

OWNER/BUILDER

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License law Chapter 9 (commencing with Sec. 7000) of Division 3 of the Business and Professions Code, or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than $500):

☐ I, as an owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale).

☐ I, as owner of the property, am exempt from the sale requirements of the above due to: (1) I am improving my principal place of residence or appurtenances thereto, (2) the work will be performed prior to sale, (3) I have resided in the residence for the 12 months prior to completion of the work, and (4) I have not claimed exemption on this subdivision on more than two structures more than once during any three-year period. (Sec. 7044 Business and Professions Code).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project, (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License law).

☐ I am exempt under Sec. _____, B&PC for this reason _____.

WORKER'S COMPENSATION

☑ I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Worker's Compensation Insurance, or a certified copy thereof (Sec. 3700, Labor Code).

Policy # WC 21506546 Company Name VILLANOVA INSURANCE CO

☐ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California (not required for work valued at one hundred dollars ($100) or less).

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked. This permit is issued pursuant to all provisions of Title 12 Chapter 12.12 of the Oakland Municipal Code. It is granted upon the express condition that the permittee shall be responsible for all claims and liabilities arising out of work performed under the permit or arising out of permittee's failure to perform the obligations with respect to street maintenance. The permittee shall, and by acceptance of the permit agrees to defend, indemnify, save and hold harmless the City, its officers and employees, from and against any and all suits, claims, or actions brought by any person for or on account of any bodily injuries, disease or illness or damage to persons and/or property sustained or arising in the construction of the work performed under the permit or in consequence of permittee's failure to perform the obligations with respect to street maintenance. This permit is void 90 days from the date of issuance unless an extension is granted by the Director of the Office of Planning and Building.

I hereby affirm that I am licensed under provisions of Chapter 9 of Division 3 of the Business and Professions Code and my license is in full force and effect (if contractor), that I have read this permit and agree to its requirements, and that the above information is true and correct under penalty of law.

Signature of Permittee: James C Cl ☐ Agent for ☑ Contractor ☐ Owner — Date: 6/12/01

ATE STREET LAST RESURFACED	SPECIAL PAVING DETAIL REQUIRED? ☐ YES ☑ NO	HOLIDAY RESTRICTION? (NOV 1 - JAN 1) ☐ YES ☑ NO	LIMITED OPERATION AREA? (7AM-9AM & 4PM-6PM) ☐ YES ☒ NO
ISSUED BY		DATE ISSUED: 6/12/01	

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CITY OF OAKLAND
Office of Planning and Building

EXCAVATION PERMIT

TO EXCAVATE IN STREETS OR OTHER SPECIFIED WORK

CIVIL ENGINEERIN

PERMIT NUMBER		SITE ADDRESS/LOCATION
X010/068		206 2ND STREET
APPROX. START DATE: 6/15/01	APPROX. END DATE: 6/15/01	24-HOUR EMERGENCY PHONE NUMBER (Permit not valid without 24-Hour number): 707/~~748-77~~ 863-8441
CONTRACTOR'S LICENSE # AND CLASS: 705927 C-57		CITY BUSINESS TAX #

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I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License law Chapter 9 (commencing with Sec. 7000) of Division 3 of the Business and Professions Code, or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than $500):

☐ I, as an owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale).

☐ I, as owner of the property, am exempt from the sale requirements of the above due to: (1) I am improving my principal place of residence or appurtenances thereto, (2) the work will be performed prior to sale, (3) I have resided in the residence for the 12 months prior to completion of the work, and (4) I have not claimed exemption on this subdivision on more than two structures more than once during any three-year period. (Sec. 7044 Business and Professions Code).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project, (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License law).

☐ I am exempt under Sec. _____, B&PC for this reason _____.

WORKER'S COMPENSATION

☑ I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Worker's Compensation Insurance, or a certified copy thereof (Sec. 3700, Labor Code).

Policy # WC2150654G Company Name VILLANOVA INSURANCE CO

☐ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California (not required for work valued at one hundred dollars ($100) or less).

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked. This permit is issued pursuant to all provisions of Title 12 Chapter 12.12 of the Oakland Municipal Code. It is granted upon the express condition that the permittee shall be responsible for all claims and liabilities arising out of work performed under the permit or arising out of permittee's failure to perform the obligations with respect to street maintenance. The permittee shall, and by acceptance of the permit agrees to defend, indemnify, save and hold harmless the City, its officers and employees, from and against any and all suits, claims, or actions brought by any person for or on account of any bodily injuries, disease or illness or damage to persons and/or property sustained or arising in the construction of the work performed under the permit or in consequence of permittee's failure to perform the obligations with respect to street maintenance. This permit is void 90 days from the date of issuance unless an extension is granted by the Director of the Office of Planning and Building.

I hereby affirm that I am licensed under provisions of Chapter 9 of Division 3 of the Business and Professions Code and my license is in full force and effect (if contractor), that I have read this permit and agree to its requirements, and that the above information is true and correct under penalty of law.

Signature of Permittee: [signature] ☒ Agent for ☒ Contractor ☐ Owner — Date: 6/12/01

DATE STREET LAST RESURFACED	SPECIAL PAVING DETAIL REQUIRED? ☐ YES ☒ NO	HOLIDAY RESTRICTION? (NOV 1 - JAN 1) ☐ YES ☒ NO	LIMITED OPERATION AREA? (7AM-9AM & 4PM-6PM) ☐ YES ☒ NO
ISSUED BY: [signature]		DATE ISSUED: 6/12/01	

COUNTY OF ALAMEDA
PUBLIC WORKS AGENCY
WATER RESOURCES SECTION
399 Elmhurst Street, Hayward, CA 94544-1395

FAX TRANSMITTAL

TO: Gibi Assoc. DATE: 6/12/01

ATTN: James F. Gibi

FAX NO.: (707) 748-7763
TRANSMITTING THE FOLLOWING:

SHEETS	DATED	TITLE/DESCRIPTION
		Drilling Permit - WO-4165

TOTAL PAGES INCLUDING THIS SHEET.

FROM WATER RESOURCES SECTION

NAME: Peter Dominguez TEL: (510) 670-5554 FAX: (510) 782-1939

E-MAIL: WREBCC@acpwa.mail.co.alameda.ca.us

IF YOU EXPERIENCE PROBLEMS WITH THIS TRANSMISSION, PLEASE CALL ME.

COMMENTS:

ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
399 ELMHURST ST HAYWARD CA. 94544-1395
PHONE (510) 670-5554
FAX (510)782-1939

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT: 201 & 206 2ND ST.
OAKLAND CA

WELL PROJECTS: Water Quality Meets

Owner: Water Quality Meets
Address: 201 2ND St. Phone:
City: OAKLAND CA Zip: 94607

Applicant: Jim Gribi
Firm: GeoStrata Phone: 707/746-7743
Address: 1350 Haves St Ste 14 Phone: 707/746-7743
City: Benicia CA Zip: 94510

TYPE OF PROJECT

New Installation		Geotechnical Investigation	
Replacement		General	
Water Supply		Contamination	X
Monitoring		Well Destruction	

PROPOSED WATER SUPPLY WELL USE

New Domestic		Replacement Domestic	
Municipal		Irrigation	
Industrial		Other	

DRILLING METHOD

Mud Rotary		Air Rotary	Auger
Cable		Other	Geoprobe

DRILLER'S LICENSE NO. 705927 (J.Rowe)

WELL PROJECTS

Drill Hole Diameter	in.	Maximum	
Casing Diameter	in.	Depth	ft.
Surface Seal Depth	ft.	Number	

GEOTECHNICAL PROJECTS

Number of Borings	6	Maximum	
Hole Diameter	2 in.	Depth	12 ft.

ESTIMATED STARTING DATE 06/15/01
ESTIMATED COMPLETION DATE 06/15/01

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.

APPLICANT'S SIGNATURE [signature] DATE 6/11/01

PLEASE PRINT NAME James E Gribi

FOR OFFICE USE

PERMIT NUMBER W01-1165
WELL NUMBER
APN

PERMIT CONDITIONS
Circled Permit Requirements Apply

A. GENERAL
1. A permit application should be submitted so as to arrive at the ACPWA office five days prior to proposed starting date.
2. Submit to ACPWA within 60 days after completion of permitted work the original Department of Water Resources Well Completion Report.
3. Permit is void if project not begun within 90 days of approval date.

B. WATER SUPPLY WELLS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.

C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

D. GEOTECHNICAL
Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings.

E. CATHODIC
Fill hole above anode zone with concrete placed by tremie.

F. WELL DESTRUCTION
Send a map of work site. A separate permit is required for wells deeper than 45 feet.

G. SPECIAL CONDITIONS

APPROVED [signature] DATE 6-12-01

APPENDIX B

SOIL BORING LOGS

BORING NUMBER : **IB-1**

BORING LOCATION:
SOUTHEAST OF BUNKER UST

BORING TYPE: INVESTIGATIVE BORING

PROJECT NAME:
MILLER QUALITY MEATS UST SITE

PROJECT NUMBER: 105-06-01

LOG OF WELL BORING
GRIBI Associates

DRILLING CONTRACTOR: VIRONEX

DRILLING METHOD: DIRECT PUSH

BOREHOLE DIAMETER: 2-1/2 INCHES

COMPLETION METHOD: GROUTED

START DATE: 06/15/01

COMPLETION DATE: 06/15/01

BORING TOTAL DEPTH: 10.0 FEET

GROUNDWATER DEPTH: 6.0 FEET

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & WATER LEVEL (▽ - INITIAL, ▼ - FINAL)	USCS	LOG OF MATERIAL	PIEZOMETER\ WELL INSTALLATION
						0 - 2.0 ft Asphalt, concrete & base rock.	
5					SM	2.0 - 8.0 ft Black to dark grey silty SAND, loose, fine to very fine grained, moist, wet below 6 feet in depth, moderate hydrocarbon odors from 6.0 ft to 8.0 ft.	
	IB-1.1	7.0 FT		17			
					ML	8.0 - 9.0 ft Reddish brown sandy SILT, firm, moist to wet, slight to moderate hydrocarbon odors.	
10	IB-1.2	9.5 FT		0	SM	9.0 - 10.0 ft. Tan silty SAND, loose, loose, fine to very fine grained, wet, no hydrocarbon odors or staining.	
						Total Depth 10.0 ft.	
15							
20							
25							

LOG OF WELL BORING
GRIBI Associates

BORING NUMBER : IB-2

BORING LOCATION:
SOUTHWEST OF IB-8 & BUNKER UST

BORING TYPE INVESTIGATIVE BORING

PROJECT NAME:
MILLER QUALITY MEATS UST SITE

PROJECT NUMBER: 105-06-01

START DATE: 06/15/01

COMPLETION DATE: 06/15/01

DRILLING CONTRACTOR: VIRONEX

DRILLING METHOD: DIRECT PUSH

BOREHOLE DIAMETER: 2-1/2 INCHES

COMPLETION METHOD: GROUTED

BORING TOTAL DEPTH: 8.0 FEET

GROUNDWATER DEPTH: 5.0 FEET

DEPTH SCALE (FEET)	SAMPLE NO	SAMPLE DEPTH	INTERVAL	PID READING & WATER LEVEL (▽ - INITIAL, ▼ - FINAL)	USCS	LOG OF MATERIAL	PIEZOMETER\ WELL INSTALLATION
5	IB-2.1	5 5 FT		3	SM	0 - 3.0 ft. Asphalt, concrete & base rock. 3.0 - 8.0 ft Grey to black silty SAND, loose, slightly clayey, wet at 5 feet, swampy odor, no hydrocarbon odors or staining. Total Depth 8.0 ft.	
10							
15							
20							
25							

BORING NUMBER . IB-3

LOG OF WELL BORING
GRIBI Associates

SHEET 1 OF 1

BORING LOCATION:
SOUTH OF IB-1; IN 550-G UST EXC.

BORING TYPE: INVESTIGATIVE BORING

PROJECT NAME:
MILLER QUALITY MEATS UST SITE

PROJECT NUMBER: 105-06-01

START DATE: 06/15/01

COMPLETION DATE: 06/15/01

DRILLING CONTRACTOR: VIRONEX

DRILLING METHOD: DIRECT PUSH

BOREHOLE DIAMETER: 2-1/2 INCHES

COMPLETION METHOD: GROUTED

BORING TOTAL DEPTH: 12.0 FEET

GROUNDWATER DEPTH: 4.5 FEET

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & WATER LEVEL (▽ - INITIAL, ▼ - FINAL)	USCS	LOG OF MATERIAL	PIEZOMETER\ WELL INSTALLATION
5				▼ ▽	GM	0 - 1.0 ft. Concrete. 1.0 - 9.0 ft. Grey GRAVEL (backfill), loose, coarse, no hydrocarbon odors or staining	
10	IB-3.1	9.5 FT		49	SM	9 0 - 12.0 ft. Grey green silty SAND, loose, very fine grained, wet to moist, slight to moderate hydrocarbon odors	
15						Total Depth 12.0 ft.	
20							
25							

LOG OF WELL BORING
GRIBI Associates

BORING NUMBER : IB-4

BORING LOCATION:
SOUTHEAST OF 500-GAL UST

BORING TYPE: INVESTIGATIVE BORING

PROJECT NAME:
MILLER QUALITY MEATS UST SITE

PROJECT NUMBER: 105-06-01

START DATE: 06/15/01

COMPLETION DATE: 06/15/01

DRILLING CONTRACTOR: VIRONEX

DRILLING METHOD: DIRECT PUSH

BOREHOLE DIAMETER: 2-1/2 INCHES

COMPLETION METHOD: GROUTED

BORING TOTAL DEPTH: 12.0 FEET

GROUNDWATER DEPTH: 4.5 FEET

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & WATER LEVEL (▽ - INITIAL, ▼ - FINAL)	USCS	LOG OF MATERIAL	PIEZOMETER/ WELL INSTALLATION
						0 - 3 0 ft. Asphalt, concrete & base rock.	
	IB-4.1	3.5 FT		603	ML	3.0 - 4.5 ft Grey brown sandy SILT, moist, firm, moderate hydrocarbon odors.	
5	IB-4 2	5.5 FT		6	SM	4.5 - 8 0 ft. Grey to black silty SAND, loose, soft, fine to very fine grained, wet, moderate hydrocarbon odors at 5 feet, slight hydrocarbon odors from 6 feet to 8 feet.	
10						8 0 - 12.0 ft. NO RECOVERY (USED HYDROPUNCH TOOLS TO COLLECT WATER SAMPLE).	
15						Total Depth 12.0 ft.	
20							
25							

LOG OF WELL BORING
GRIBI Associates

BORING NUMBER : IB-5

BORING LOCATION:
SOUTHWEST OF 500-GAL UST

BORING TYPE: INVESTIGATIVE BORING

PROJECT NAME:
MILLER QUALITY MEATS UST SITE

PROJECT NUMBER: 105-06-01

START DATE: 06/15/01

COMPLETION DATE: 06/15/01

DRILLING CONTRACTOR: VIRONEX

DRILLING METHOD: DIRECT PUSH

BOREHOLE DIAMETER: 2-1/2 INCHES

COMPLETION METHOD: GROUTED

BORING TOTAL DEPTH: 12.0 FEET

GROUNDWATER DEPTH: 5.5 FEET

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & WATER LEVEL (▽ - INITIAL, ▼ - FINAL)	USCS	LOG OF MATERIAL	PIEZOMETER/ WELL INSTALLATION
						0 - 3.0 ft. Concrete & base rock.	
5	IB-5.1	3.5 FT		829	SM	3 0 - 7.0 ft. Grey to black silty SAND, loose, soft, very fine to fine grained, moist to wet, moderate to slight hydrocarbon odors.	
	IB-5.2	5 5 FT		86			
				13	SM	7.0 - 8.0 ft. Grey SAND, fine grained, loose, wet, slight hydrocarbon odors.	
10						8.0 - 12 0 ft NO RECOVERY (USED HYDROPUNCH TOOLS TO COLLECT WATER SAMPLE)	
						Total Depth 12.0 ft.	
15							
20							
25							

LOG OF WELL BORING
GRIBI Associates

BORING NUMBER : **IB-6**

BORING LOCATION:
SOUTH OF IB-4

BORING TYPE: INVESTIGATIVE BORING

PROJECT NAME:
MILLER QUALITY MEATS UST SITE

PROJECT NUMBER: 105-06-01

START DATE: 06/15/01

COMPLETION DATE: 06/15/01

DRILLING CONTRACTOR: VIRONEX

DRILLING METHOD: DIRECT PUSH

BOREHOLE DIAMETER: 2-1/2 INCHES

COMPLETION METHOD: GROUTED

BORING TOTAL DEPTH: 12.0 FEET

GROUNDWATER DEPTH: 6.0 FEET

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & WATER LEVEL (▽ - INITIAL, ▼ - FINAL)	USCS	LOG OF MATERIAL	PIEZOMETER/ WELL INSTALLATION
5	IB-6.1	6 0 FT		▼ 0 ▽	SM	0 - 2.0 ft Asphalt, concrete & base rock.	
						2.0 - 4.0 ft Grey to black silty SAND, loose, soft, very fine grained, moist, no hydrocarbon odors or staining.	
					ML	4.0 - 5.0 ft. Grey green sandy SILT, moist, soft, no hydrocarbon odors.	
					ML	5.0 - 7.0 ft. Grey to black sandy SILT, soft, slightly clayey, moist to wet, swampy odor, no hydrocarbon odors or staining.	
10					SM	7.0 - 8.0 ft Black to grey silty SAND, fine to very fine grained, soft, wet, no hydrocarbon odors or staining.	
						8 0 - 12.0 ft. NO RECOVERY (USED HYDROPUNCH TOOLS TO COLLECT WATER SAMPLE).	
15						Total Depth 12.0 ft.	
20							
25							

LOG OF WELL BORING
GRIBI Associates

SHEET 1 OF 1

BORING NUMBER : IB-7

BORING LOCATION:
SOUTHWEST OF IB-5

BORING TYPE: INVESTIGATIVE BORING

PROJECT NAME:
MILLER QUALITY MEATS UST SITE

PROJECT NUMBER: 105-06-01

START DATE: 06/15/01

COMPLETION DATE: 06/15/01

DRILLING CONTRACTOR: VIRONEX

DRILLING METHOD: DIRECT PUSH

BOREHOLE DIAMETER: 2-1/2 INCHES

COMPLETION METHOD: GROUTED

BORING TOTAL DEPTH: 12.0 FEET

GROUNDWATER DEPTH: 5.5 FEET

DEPTH SCALE (FEET)	SAMPLE NO	SAMPLE DEPTH	INTERVAL	PID READING & WATER LEVEL (▽ - INITIAL, ▼ - FINAL)	USCS	LOG OF MATERIAL	PIEZOMETER\ WELL INSTALLATION
5	IB-7.1	6.5 FT		0	SM	0 - 3.0 ft Concrete & base rock.	
10				0	SM	3 0 - 5.0 ft. Grey green silty SAND, slightly clayey, soft to firm, very fine grained, moist, no hydrocarbon odors or staining 5.0 - 8.0 ft. Black to grey silty SAND, fine to occasionally coarse grained, loose, moist to wet, no hydrocarbon odors or staining. 8.0 - 12 0 ft NO RECOVERY (USED HYDROPUNCH TOOLS TO COLLECT WATER SAMPLE).	
15						Total Depth 12.0 ft.	
20							
25							

LOG OF WELL BORING
GRIBI Associates

BORING NUMBER : IB-8

BORING LOCATION:
SOUTHWEST OF BUNKER UST

BORING TYPE: INVESTIGATIVE BORING

PROJECT NAME:
MILLER QUALITY MEATS UST SITE

PROJECT NUMBER. 105-06-01

START DATE: 06/15/01

COMPLETION DATE: 06/15/01

DRILLING CONTRACTOR: NONE

DRILLING METHOD: HAND AUGER

BOREHOLE DIAMETER: 3-1/2 INCHES

COMPLETION METHOD: GROUTED

BORING TOTAL DEPTH: 4.5 FEET

GROUNDWATER DEPTH: NONE

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & WATER LEVEL (▽ - INITIAL, ▼ - FINAL)	USCS	LOG OF MATERIAL	PIEZOMETER\ WELL INSTALLATION
						0 - 3.0 ft Asphalt, concrete & base rock.	
5	IB-7.1	6 5 FT		131	SM	3.0 - 4.5 ft Grey to black silty SAND, soft, fine to very fine grained, loose, moist to wet, moderate to strong hydrocarbon odors.	
						Total Depth 4.5 ft.	
10							
15							
20							
25							

APPENDIX C

LABORATORY DATA REPORT AND CHAIN-OF-CUSTODY RECORD

ACCULABS, INC.

Sample Log 22657
June 28, 2001

Jim Gribi
Gribi Associates
1350 Hayes Street, #C-14
Benicia, CA 94510

Subject : 10 Soil & 7 Water Samples
Project Name : SC-Miller
Project Number : 110-06-01

Dear Mr. Gribi,

Chemical analysis on the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. USEPA protocols for sample storage and preservation were followed.

Acculabs - Davis is certified by the State of California (# 2330), the State of Arizona (AZ0583) and the State of Nevada (CA00039-2000-32). If you have any questions regarding procedures or results, please call me at 530-757-0920.

Sincerely,

Tom Kwoka

Tom Kwoka

1046 Olive Drive, Davis, California 95616
Telephone (530)757-0920 Fax (530)753-6091 www.acculabs.com

ACCULABS, INC.

June 26, 2001
Sample Log 22657

MTBE (Methyl-t-butyl ether) By EPA Method 8020/602

From : SC-Miller (Proj. # 110-06-01)
Sampled : 06/15/01
Received : 06/16/01
Matrix : Soil

SAMPLE	Date Analyzed	(MRL) mg/kg	Measured Value mg/kg
IB-1.1	06/27/01	(.15)	<.15
IB-2.1	06/27/01	(.050)	<.050
IB-3.1	06/27/01	(.50)	<.50
IB-4.1	06/26/01	(5.0)	<5.0
IB-4.2	06/27/01	(.050)	<.050
IB-5.1	06/26/01	(5.0)	<5.0
IB-1.6	06/27/01	(.050)	<.050
IB-7.1	06/27/01	(.050)	<.050
IB-8.1	06/26/01	(5.0)	<5.0

Approved By:

Tom Kwoka
Lab Director

ACCULABS, INC.

June 26, 2001
Sample Log 22657

MTBE (Methyl-t-butyl ether) By EPA Method 8020/602

From : SC-Miller (Proj. # 110-06-01)
Sampled : 06/15/01
Received : 06/16/01
Matrix : Water

SAMPLE	Date Analyzed	(MRL) ug/L	Measured Value ug/L
IB-1W	06/25/01	(5000)	<5000
IB-2W	06/25/01	(5.0)	<5.0
IB-3W	06/27/01	(25)	<25
IB-4W	06/26/01	(5.0)	<5.0
IB-5W	06/26/01	(5.0)	<5.0
IB-6W	06/26/01	(5.0)	<5.0
IB-7W	06/26/01	(5.0)	<5.0

Approved By:

Tom Kwoka
Lab Director

ACCULABS, INC.

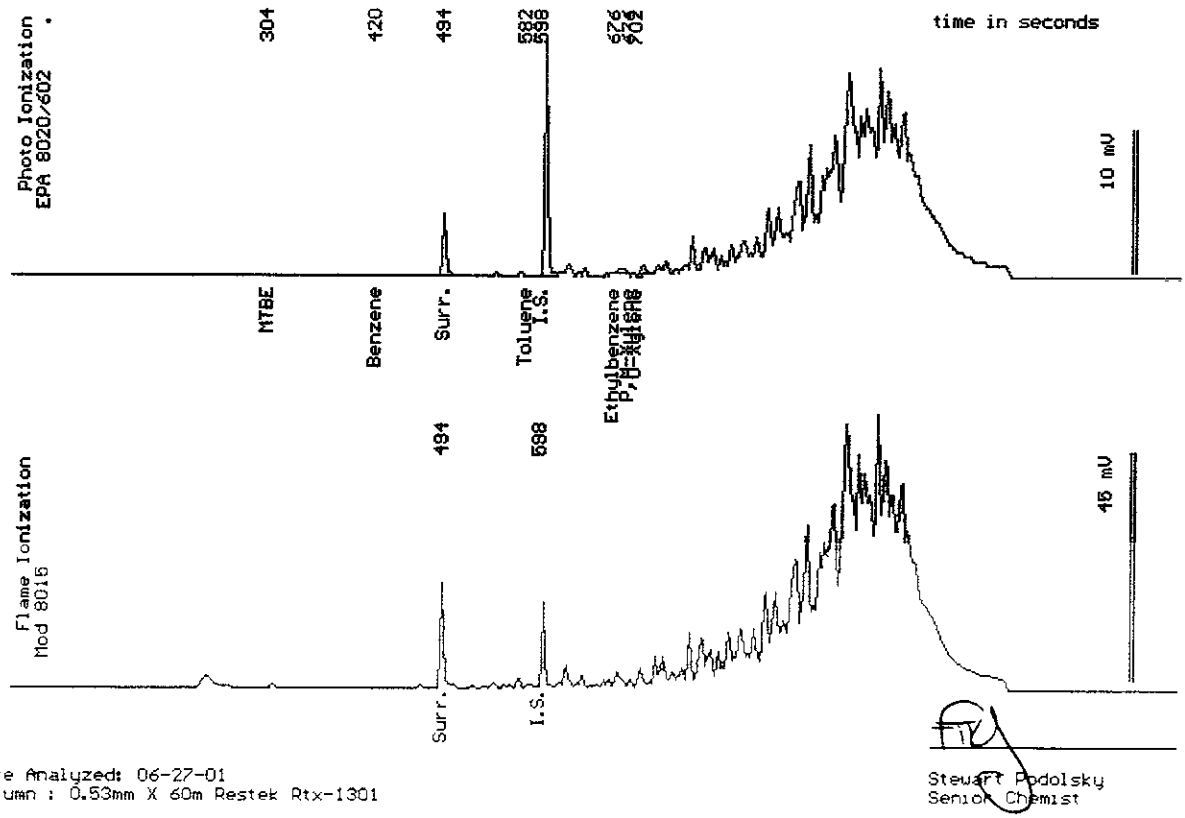
Sample Log 22657

22657-01

Sample: IB-1.1

From : SC-Miller (Proj. # 110-06-01)
Sampled : 06/15/01
Dilution : 1:3 Run Log : 2206C
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
Benzene	(.015)	<.015
Toluene	(.015)	<.015
Ethylbenzene	(.015)	.034
Total Xylenes	(.015)	.11
Surrogate Recovery		103 %



Date Analyzed: 06-27-01
Column : 0.53mm X 60m Restek Rtx-1301

Stewart Podolsky
Senior Chemist

ACCULABS, INC.

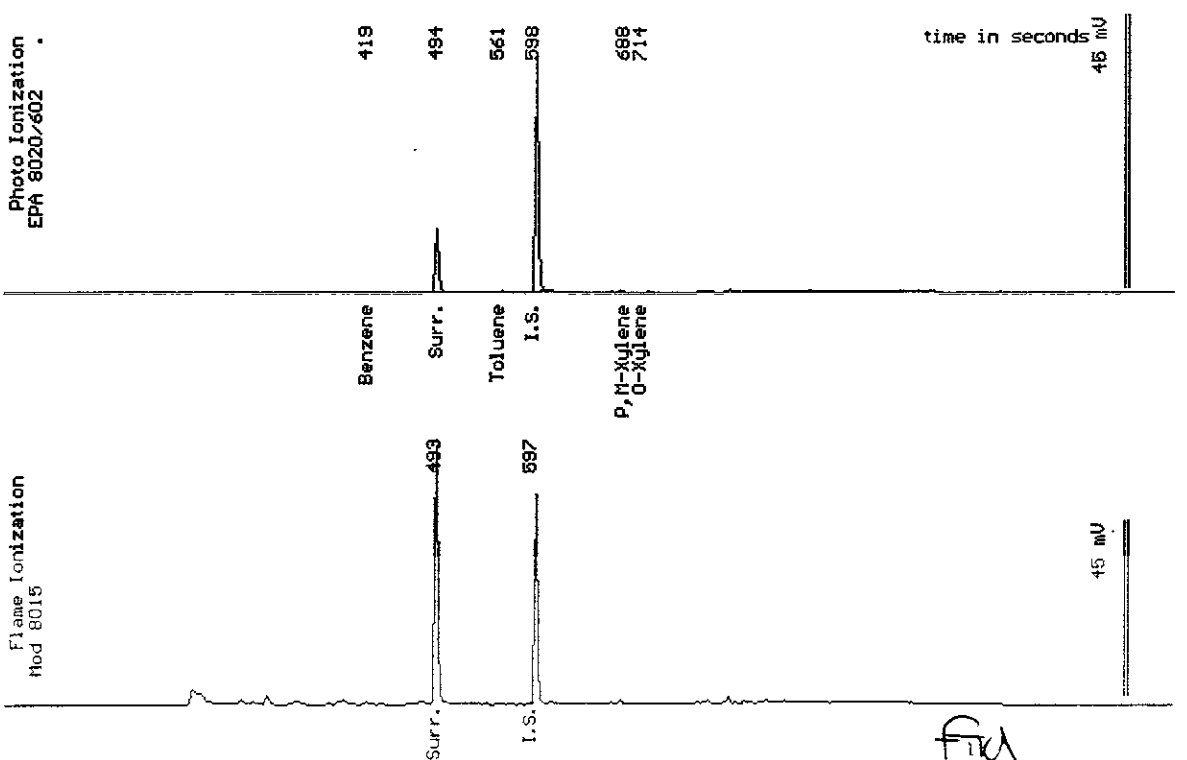
Sample Log 22657

22657-03

Sample: IB-2.1

From : SC-Miller (Proj. # 110-06-01)
Sampled : 06/15/01
Dilution : 1:1 Run Log : 2206E
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
Benzene	(.0050)	<.0050
Toluene	(.0050)	<.0050
Ethylbenzene	(.0050)	<.0050
Total Xylenes	(.0050)	<.0050
Surrogate Recovery		104 %



Date Analyzed: 06-27-01
Column : 0.53mm X 60m Restek Rtx-1301

Stewart Podolsky
Senior Chemist

ACCULABS, INC.

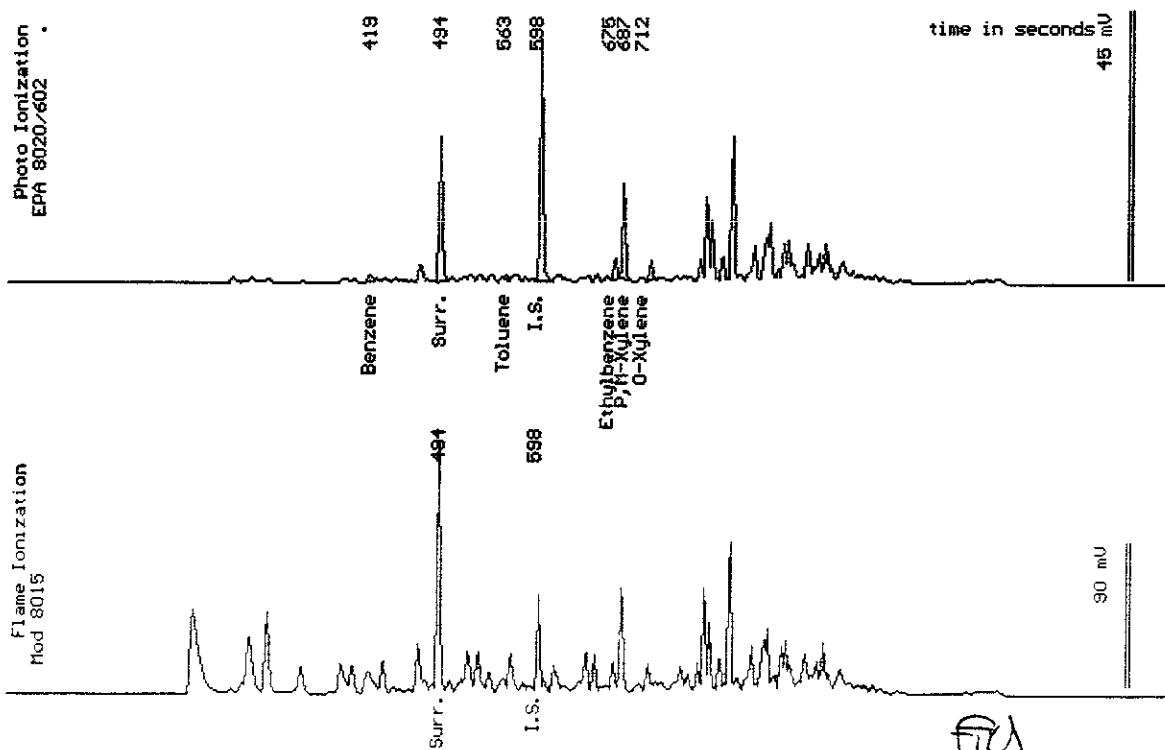
Sample Log 22657

22657-04

Sample: IB-3.1

From : SC-Miller (Proj. # 110-06-01)
Sampled : 06/15/01
Dilution : 1:10 Run Log : 2206F
Matrix : Soil

Parameter	(MRL) ug/kg	Measured Value ug/kg
Benzene	(.050)	.10
Toluene	(.050)	.056
Ethylbenzene	(.050)	.36
Total Xylenes	(.050)	1.5
TPH as Gasoline	(10)	39
Surrogate Recovery		216 %



Date Analyzed: 06-27-01
Column : 0.53mm X 60m Restek Rtx-1301

Stewart Podolsky
Senior Chemist

ACCULABS, INC.

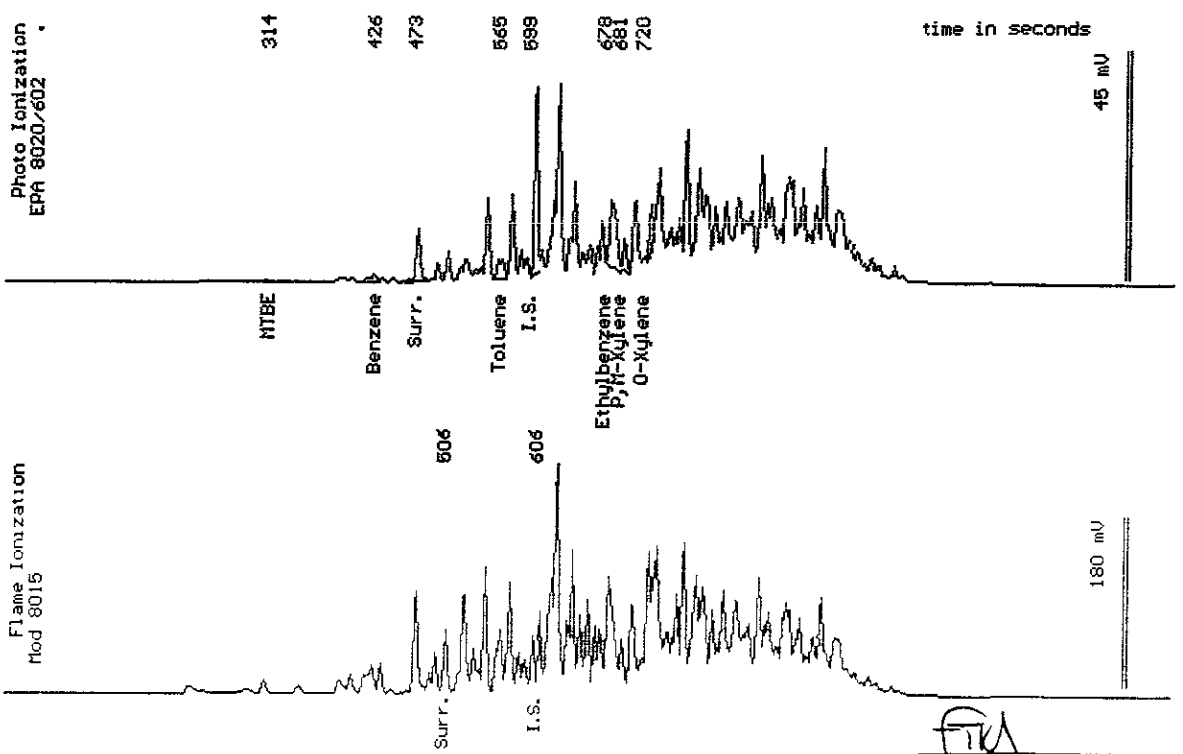
Sample Log 22657

22657-05

Sample: IB-4.1

From : SC-Miller (Proj. # 110-06-01)
Sampled : 06/15/01
Dilution : 1:100 Run Log : 2206C
Matrix : Soil

Parameter	(MRL) ug/kg	Measured Value ug/kg
Benzene	(.50)	2.1
Toluene	(.50)	7.1
Ethylbenzene	(.50)	11
Total Xylenes	(.50)	25
TPH as Gasoline	(100)	1300
Surrogate Recovery		*** Diluted Out



Date Analyzed: 06-26-01
Column : 0.53mm X 60m Restek Rtx-1301

Steuart Podolsky
Senior Chemist

ACCULABS, INC.

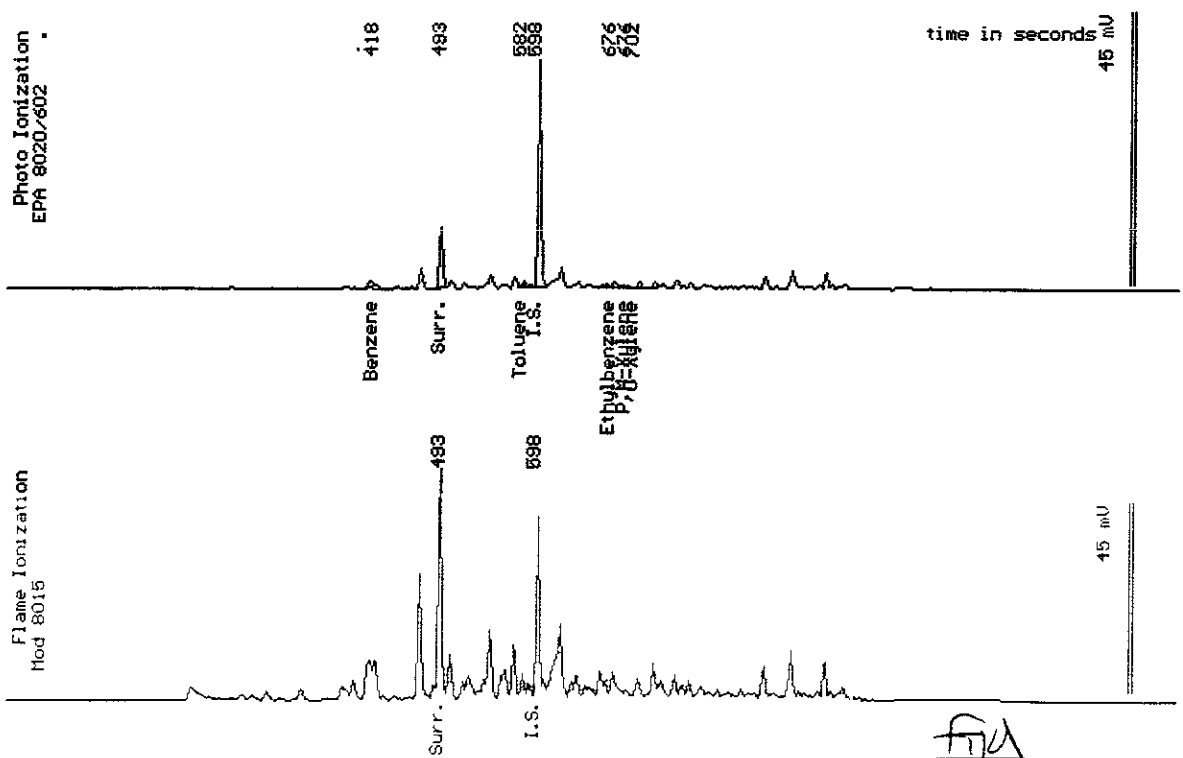
Sample Log 22657

22657-06

Sample: **IB-4.2**

From : SC-Miller (Proj. # 110-06-01)
Sampled : 06/15/01
Dilution : 1:1 Run Log : 2206C
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
Benzene	(.0050)	.011
Toluene	(.0050)	.0071
Ethylbenzene	(.0050)	.014
Total Xylenes	(.0050)	.022
TPH as Gasoline	(1.0)	1.8
Surrogate Recovery		105 %



Date Analyzed: 06-27-01
Column : 0.53mm X 60m Restek Rtx-1301

Stewart Podolsky
Senior Chemist

ACCULABS, INC.

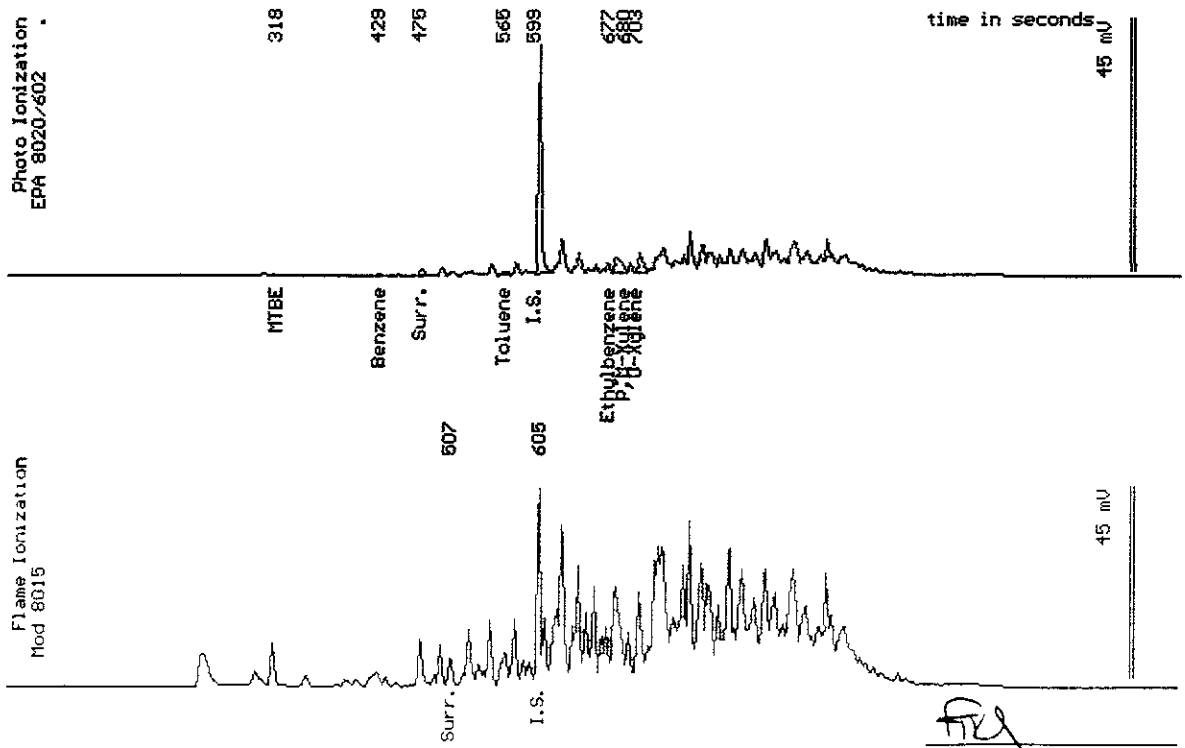
Sample Log 22657

22657-07

Sample: IB-5.1

From : SC-Miller (Proj. # 110-06-01)
Sampled : 06/15/01
Dilution : 1:100 Run Log : 2206C
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg	
Benzene	(.50)	<.50	
Toluene	(.50)	.83	
Ethylbenzene	(.50)	2.7	
Total Xylenes	(.50)	7.4	
TPH as Gasoline	(100)	1700	
Surrogate Recovery		***	Diluted Out



Date Analyzed: 06-26-01
Column : 0.53mm X 60m Restek Rtx-1301

Stewart Podolsky
Senior Chemist

ACCULABS, INC.

Sample Log 22657

22657-08

Sample: **IB-1.6**

From : SC-Miller (Proj. # 110-06-01)
Sampled : 06/15/01
Dilution : 1:1 Run Log : 2206C
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
Benzene	(.0050)	<.0050
Toluene	(.0050)	<.0050
Ethylbenzene	(.0050)	<.0050
Total Xylenes	(.0050)	<.0050
TPH as Gasoline	(1.0)	<1.0
Surrogate Recovery		106 %

Date Analyzed: 06-27-01
Column : 0.53mm X 60m Restek Rtx-1301

Stewart Podolsky
Senior Chemist

ACCULABS, INC.

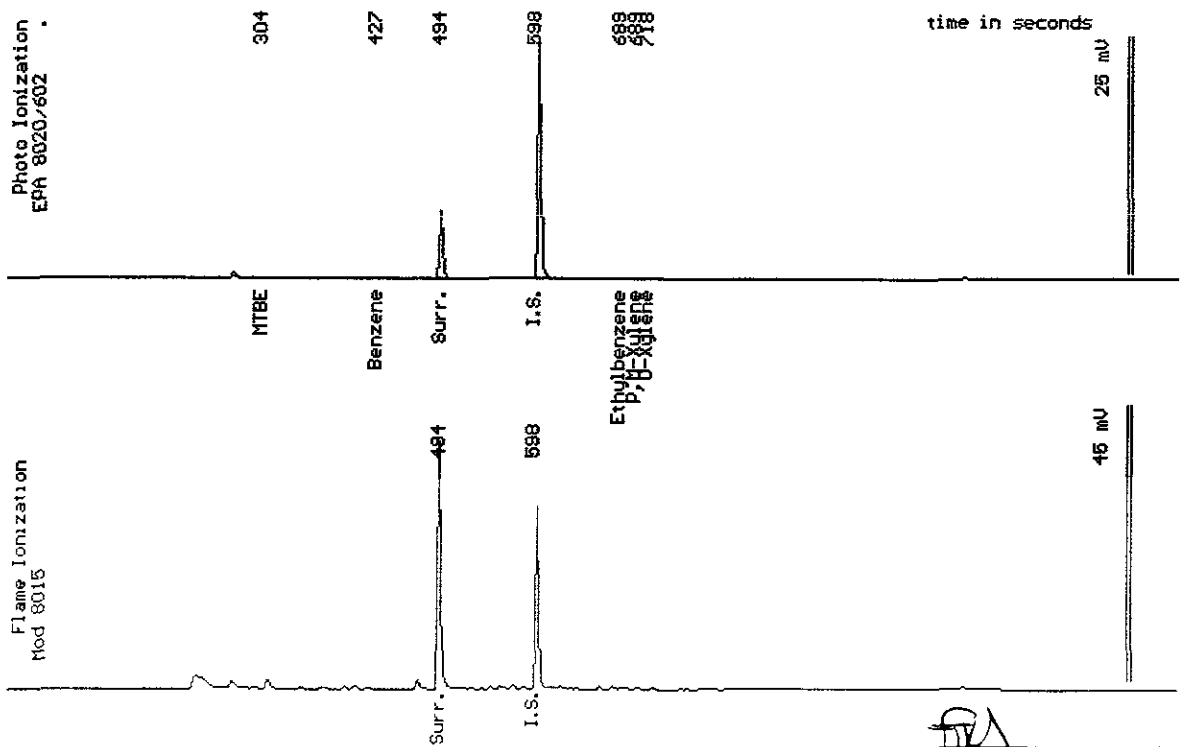
Sample Log 22657

22657-09

Sample: IB-7.1

From : SC-Miller (Proj. # 110-06-01)
Sampled : 06/15/01
Dilution : 1:1 Run Log : 2206C
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
Benzene	(.0050)	<.0050
Toluene	(.0050)	<.0050
Ethylbenzene	(.0050)	<.0050
Total Xylenes	(.0050)	<.0050
TPH as Gasoline	(1.0)	<1.0
Surrogate Recovery		109 %



Date Analyzed: 06-27-01
Column : 0.53mm X 60m Restek Rtx-1301

Stewart Podolsky
Senior Chemist

ACCULABS, INC.

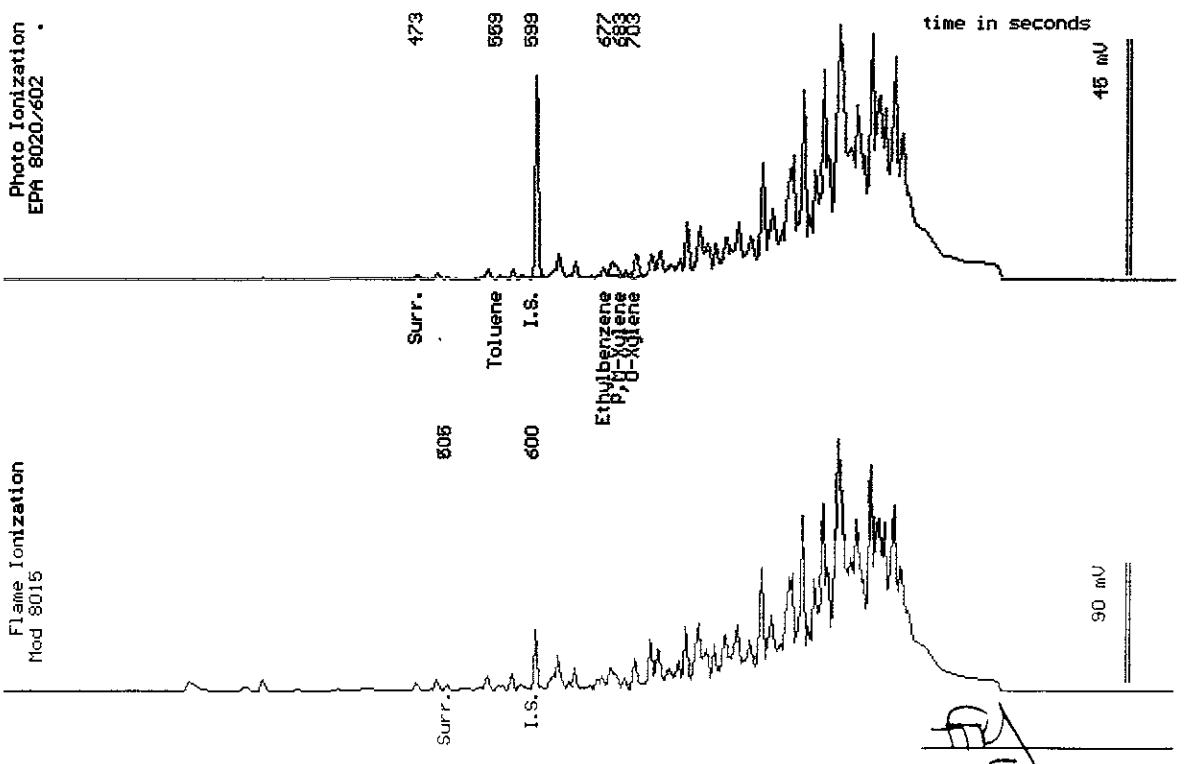
Sample Log 22657

22657-10

Sample: **IB-8.1**

From : SC-Miller (Proj. # 110-06-01)
Sampled : 06/15/01
Dilution : 1:100 Run Log : 2206C
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
Benzene	(.50)	<.50
Toluene	(.50)	<.50
Ethylbenzene	(.50)	2.6
Total Xylenes	(.50)	8.4
Surrogate Recovery		*** Diluted Out



Date Analyzed: 06-26-01
Column : 0.53mm X 60m Restek Rtx-1301

Stewart Podolsky
Senior Chemist

ACCULABS, INC.

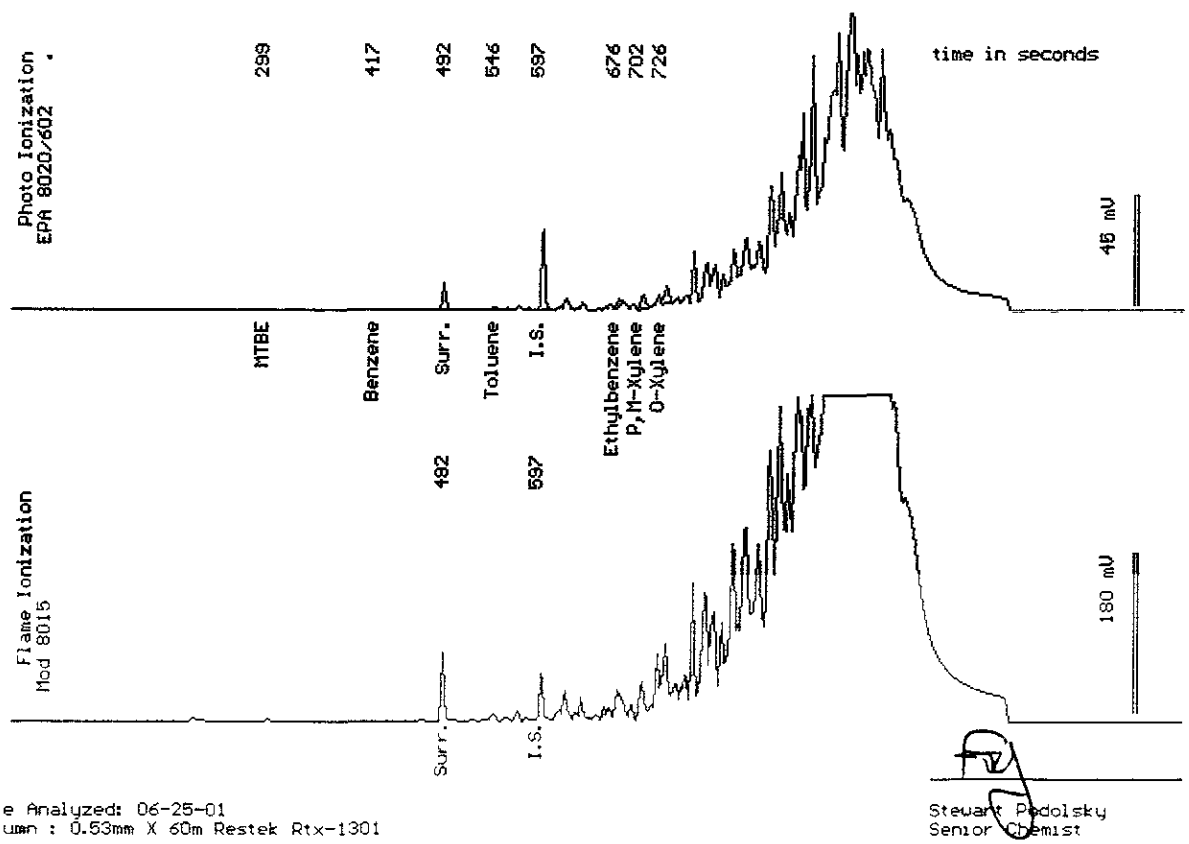
Sample Log 22657

22657-11

Sample: **IB-1W**

From : SC-Miller (Proj. # 110-06-01)
Sampled : 06/15/01
Dilution : 1:1000 Run Log : 2205Z
Matrix : Water

Parameter	(MRL) ug/L	Measured Value ug/L
Benzene	(500)	<500
Toluene	(500)	1500
Ethylbenzene	(500)	3200
Total Xylenes	(500)	17000
Surrogate Recovery		102 %



Date Analyzed: 06-25-01
Column : 0.53mm X 60m Restek Rtx-1301

Stewart Podolsky
Senior Chemist

ACCULABS, INC.

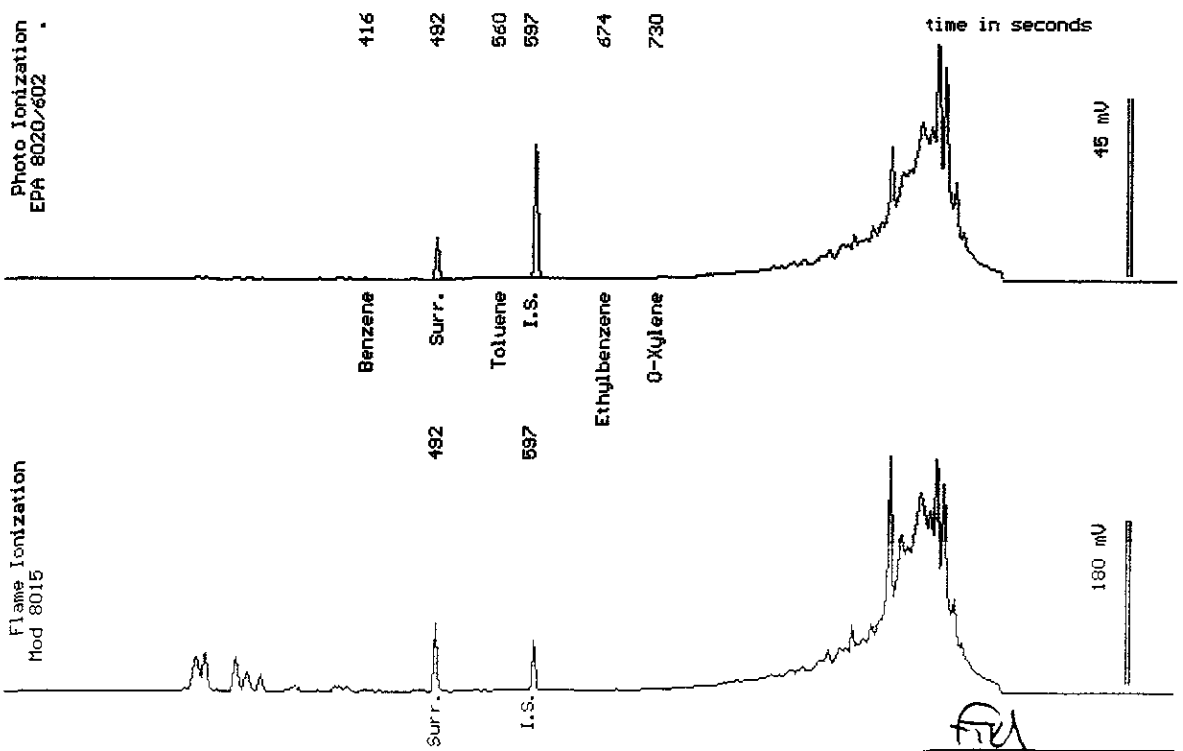
Sample Log 22657

22657-12

Sample: **IB-2W**

From : SC-Miller (Proj. # 110-06-01)
Sampled : 06/15/01
Dilution : 1:1 Run Log : 2205Z
Matrix : Water

Parameter	(MRL) ug/L	Measured Value ug/L
Benzene	(.50)	<.50
Toluene	(.50)	<.50
Ethylbenzene	(.50)	<.50
Total Xylenes	(.50)	<.50
Surrogate Recovery		105 %



Date Analyzed: 06-25-01
Column : 0.53mm X 60m Restek Rtx-1301

Stewart Podolsky
Senior Chemist

ACCULABS, INC.

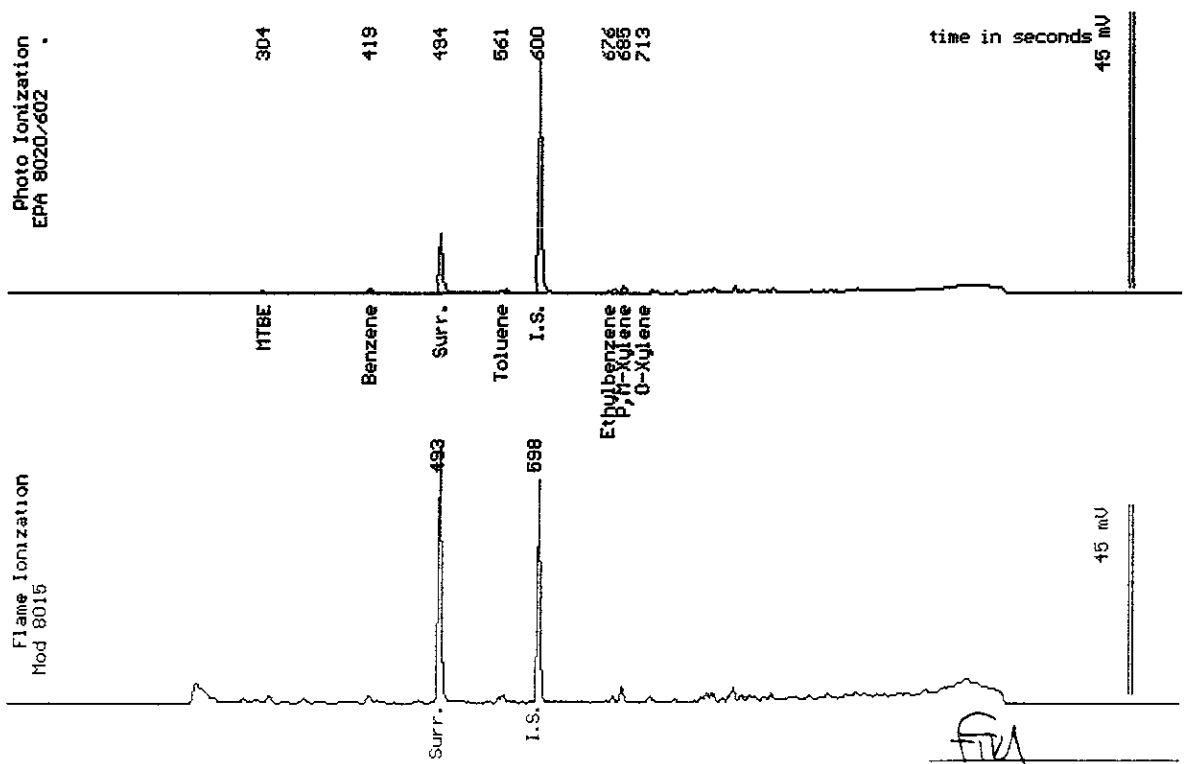
Sample Log 22657

22657-13

Sample: **IB-3W**

From : SC-Miller (Proj. # 110-06-01)
Sampled : 06/15/01
Dilution : 1:5 Run Log : 2206F
Matrix : Water

Parameter	(MRL) ug/L	Measured Value ug/L
Benzene	(2.5)	<2.5
Toluene	(2.5)	<2.5
Ethylbenzene	(2.5)	<2.5
Total Xylenes	(2.5)	6.0
TPH as Gasoline	(250)	<250
Surrogate Recovery		102 %



Date Analyzed: 06-27-01
Column : 0.53mm X 60m Restek Rtx-1301

Stewart Podolsky
Senior Chemist

ACCULABS, INC.

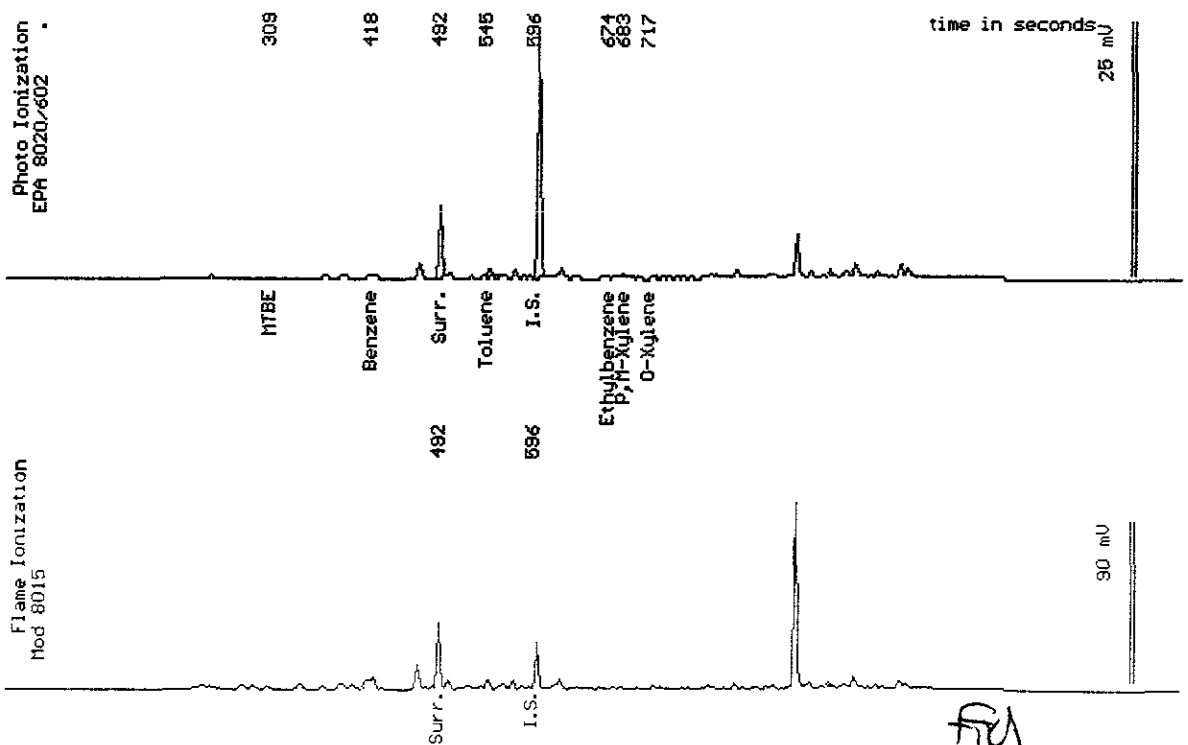
Sample Log 22657

22657-14

Sample: **IB-4W**

From : SC-Miller (Proj. # 110-06-01)
Sampled : 06/15/01
Dilution : 1:1 Run Log : 2205Z
Matrix : Water

Parameter	(MRL) ug/L	Measured Value ug/L
Benzene	(.50)	<.50
Toluene	(.50)	.84
Ethylbenzene	(.50)	<.50
Total Xylenes	(.50)	.88
TPH as Gasoline	(50)	190
Surrogate Recovery		104 %



Date Analyzed: 06-26-01
Column : 0.53mm X 60m Restek Rtx-1301

Stewart Podolsky
Senior Chemist

ACCULABS, INC.

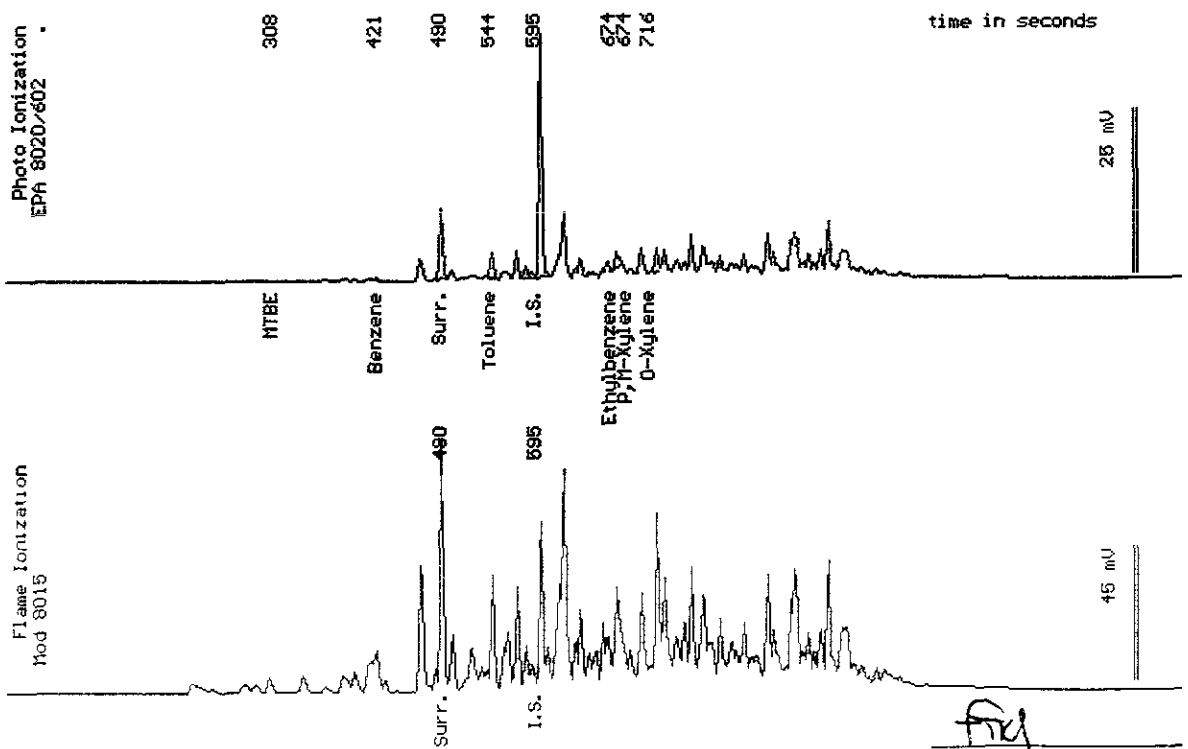
Sample Log 22657

22657-15

Sample: IB-5W

From : SC-Miller (Proj. # 110-06-01)
Sampled : 06/15/01
Dilution : 1:1 Run Log : 2205Z
Matrix : Water

Parameter	(MRL) ug/L	Measured Value ug/L
Benzene	(.50)	<.50
Toluene	(.50)	4.0
Ethylbenzene	(.50)	2.8
Total Xylenes	(.50)	6.0
TPH as Gasoline	(50)	440
Surrogate Recovery		107 %



Date Analyzed: 06-26-01
Column : 0.53mm X 60m Restek Rtx-1301

Stewart Podolsky
Senior Chemist

ACCULABS, INC.

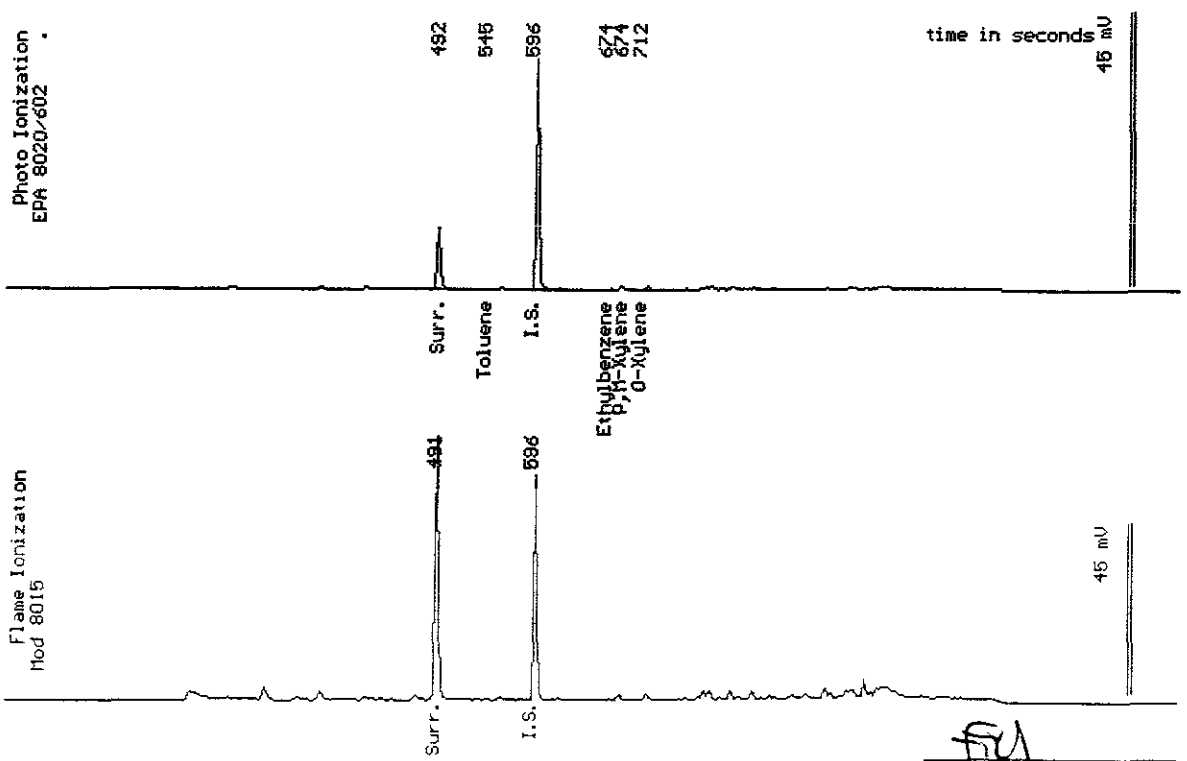
Sample Log 22657

22657-17

Sample: **IB-7W**

From : SC-Miller (Proj. # 110-06-01)
Sampled : 06/15/01
Dilution : 1:1 Run Log : 2205Z
Matrix : Water

Parameter	(MRL) ug/L	Measured Value ug/L
Benzene	(.50)	<.50
Toluene	(.50)	<.50
Ethylbenzene	(.50)	<.50
Total Xylenes	(.50)	.52
TPH as Gasoline	(50)	<50
Surrogate Recovery		106 %



Date Analyzed: 06-26-01
Column : 0.53mm X 60m Restek Rtx-1301

Stewart Podolsky
Senior Chemist

ACCULABS, INC.

June 26, 2001
Sample Log 22657

QC Report for EPA 8020 & Modified EPA 8015
Run Log : 2205Y,Z
From : SC-Miller (Proj. # 110-06-01)
Sample(s) Received : 06/16/01

Parameter	Matrix Spike % Recovery	Matrix Spike Duplicate % Recovery	RPD *
Benzene	105	94	11
Ethylbenzene	109	99	9
TPH as Gasoline	110	88	22

* RPD = Relative Percent Difference

Parameter	Laboratory Control Sample % Recovery
Benzene	99
Ethylbenzene	99
Gasoline	103

Parameter	Method Blank
Benzene	<0.50 ug/L
Toluene	<0.50 ug/L
Ethylbenzene	<0.50 ug/L
Total Xylenes	<0.50 ug/L
TPH as Gasoline	<50 ug/L

Tom Kwoka
Lab Director

ACCULABS, INC.

June 26, 2001
Sample Log 22657

QC Report for EPA 8021 & Modified EPA 8015
Run Log : 2206C (Methanol Extracts)
From : SC-Miller (Proj. # 110-06-01)
Sample(s) Received : 06/16/01

Parameter	Laboratory Control Spike % Recovery	Laboratory Control Duplicate % Recovery	RPD *
Benzene	97	98	1
Ethylbenzene	101	103	2
TPH as Gasoline	124	124	0

Parameter	Method Blank
Benzene	<0.10 mg/Kg
Toluene	<0.10 mg/Kg
Ethylbenzene	<0.10 mg/Kg
Total Xylenes	<0.10 mg/Kg
TPH as Gasoline	< 20 mg/Kg

Tom Kwoka
Lab Director

ACCULABS, INC.

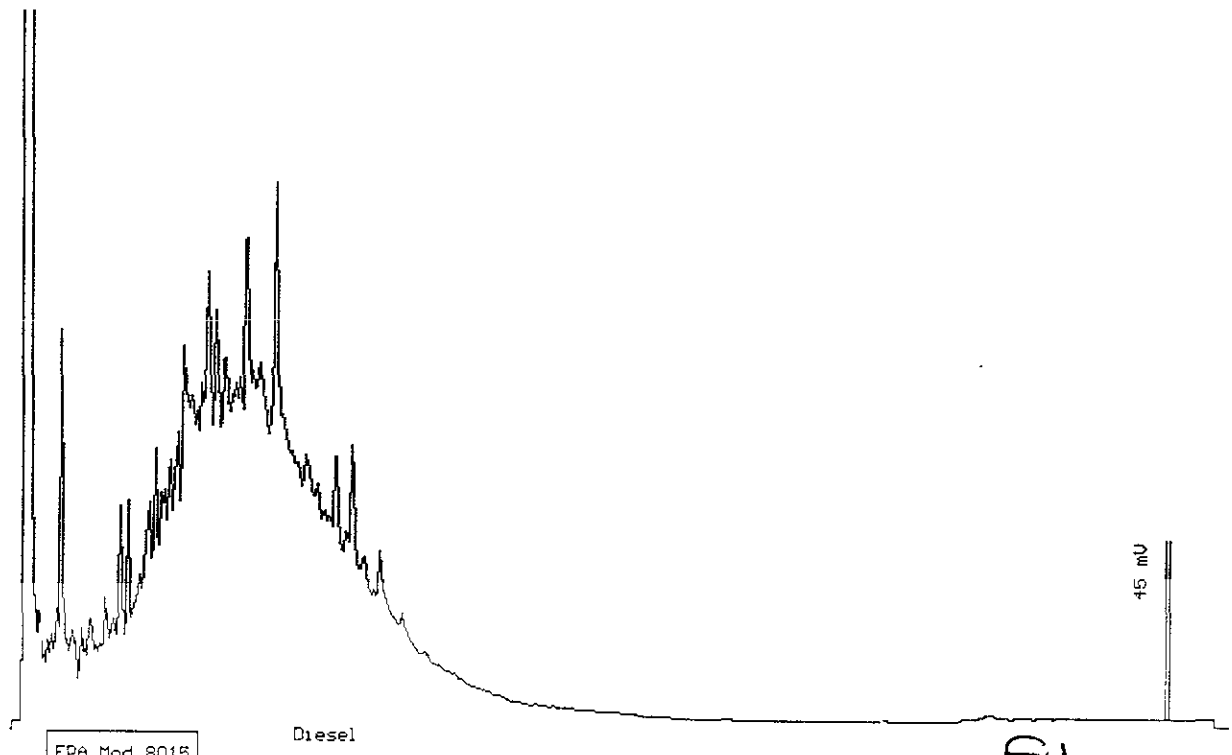
Sample Log 22657

22657-01

Sample: **IB-1.1**

From : SC-Miller (Proj. # 110-06-01)
Sampled : 06/15/01
Extracted: 06/21/01 QC Batch : DS010604
Dilution : 1:10 Run Log : 7498F
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
TPH as Diesel	(10)	930
TPH as Motor Oil	(20)	<20



Date: 06-25-01 Time: 11:27:36
Column : 0.53mm ID X 15m DB1 (J&W Scientific)

Stewart Podolsky
Senior Chemist

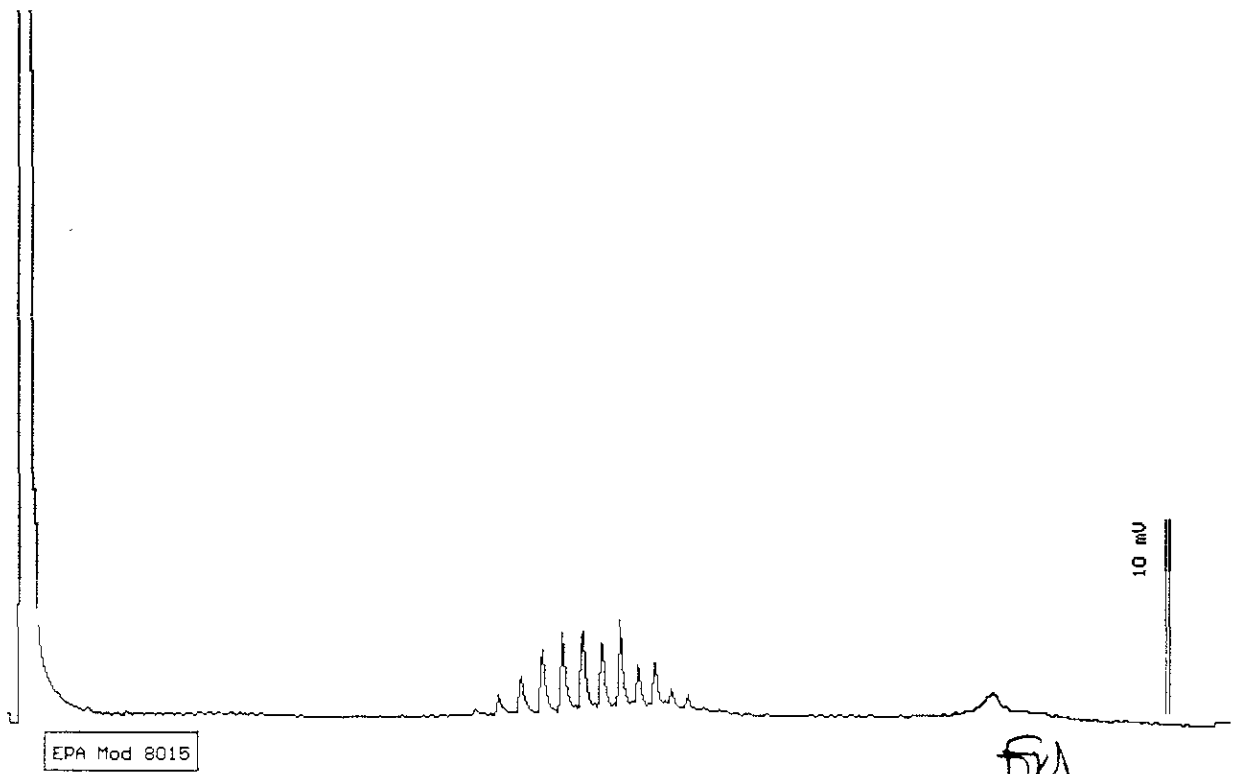
ACCULABS, INC.

Sample Log 22657
22657-02

Sample: **IB-1.2**

From : SC-Miller (Proj. # 110-06-01)
Sampled : 06/15/01
Extracted: 06/21/01 QC Batch : DS010604
Dilution : 1:1 Run Log : 7498C
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
TPH as Diesel	(1.0)	<1.0
TPH as Motor Oil	(10)	<10



Date: 06-21-01 Time: 14:27:14
Column : 0.53mm ID X 15m DB1 (J&W Scientific)

Stewart Podolsky
Senior Chemist

ACCULABS, INC.

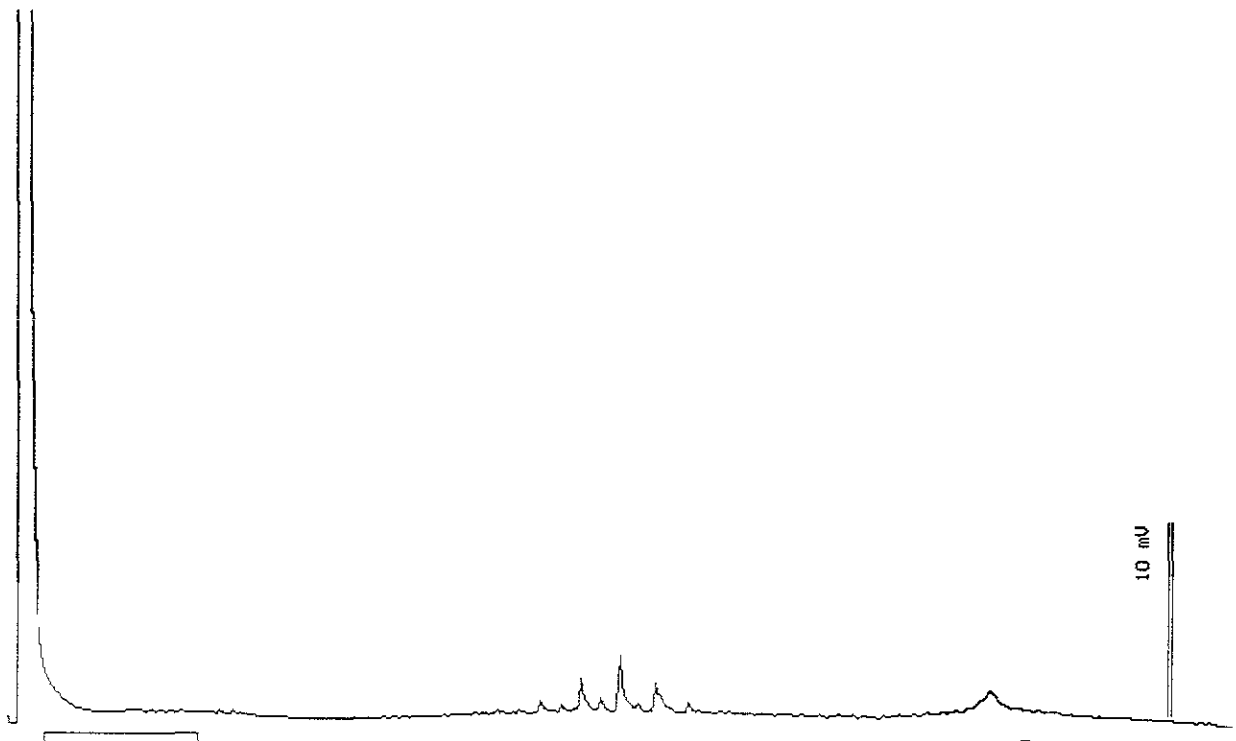
Sample Log 22657

22657-03

Sample: **IB-2.1**

From : SC-Miller (Proj. # 110-06-01)
Sampled : 06/15/01
Extracted: 06/21/01 QC Batch : DS010604
Dilution : 1:1 Run Log : 7498C
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
TPH as Diesel	(1.0)	<1.0
TPH as Motor Oil	(10)	<10



EPA Mod 8015

Date: 06-21-01 Time: 15:02:47
Column : 0.53mm ID X 15m DB1 (J&W Scientific)

Stewart Podolsky
Senior Chemist

ACCULABS, INC.

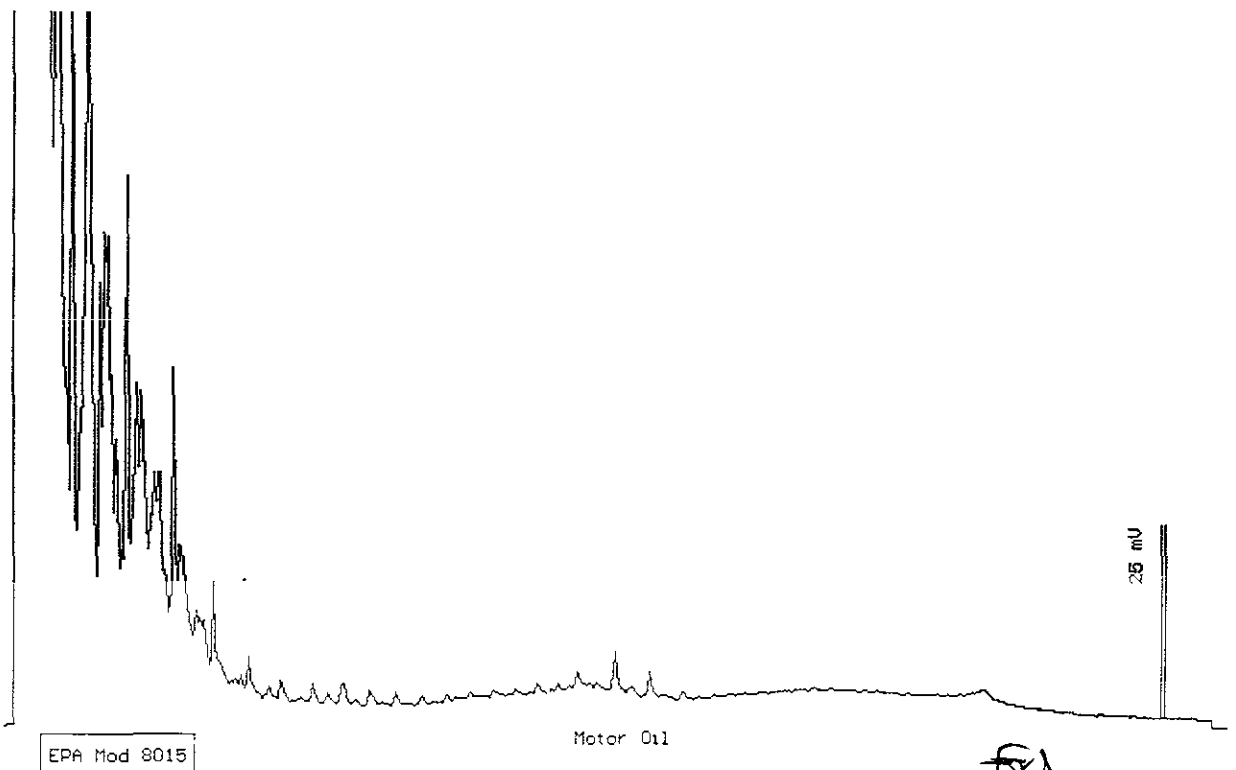
Sample Log 22657
22657-04

Sample: **IB-3.1**

From : SC-Miller (Proj. # 110-06-01)
Sampled : 06/15/01
Extracted: 06/21/01 QC Batch : DS010604
Dilution : 1:1 Run Log : 7498C
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
TPH as Diesel	(5.0)	<5.0 *
TPH as Motor Oil	(10)	<10

* Increased reporting limit due to gasoline range interference.



Date: 06-21-01 Time: 15:37:46
Column : 0.53mm ID X 15m DB1 (J&W Scientific)

Stewart Podolsky
Senior Chemist

ACCULABS, INC.

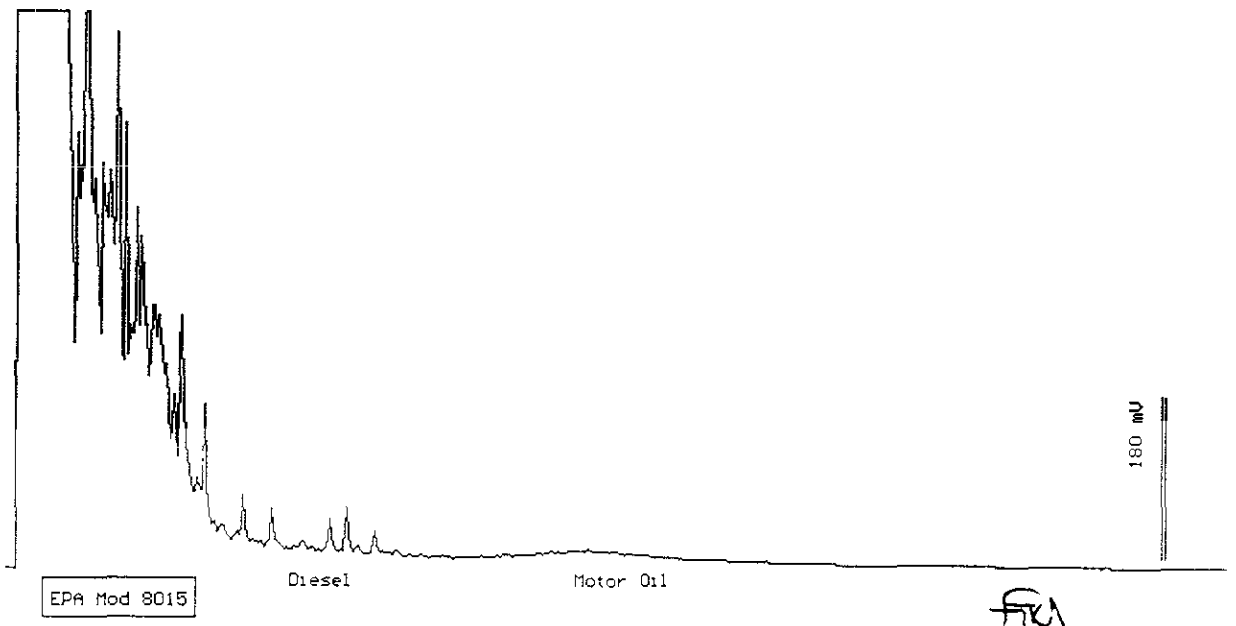
Sample Log 22657
22657-05

Sample: **IB-4.1**

From : SC-Miller (Proj. # 110-06-01)
Sampled : 06/15/01
Extracted: 06/21/01 QC Batch : DS010604
Dilution : 1:5 Run Log : 7498C
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
TPH as Diesel	(250)	<250 *
TPH as Motor Oil	(10)	60

* Increased reporting limit due to gasoline range interference.



Date: 06-21-01 Time: 16:12:41
Column : 0.53mm ID X 15m DB1 (J&W Scientific)

Stewart Podolsky
Senior Chemist

ACCULABS, INC.

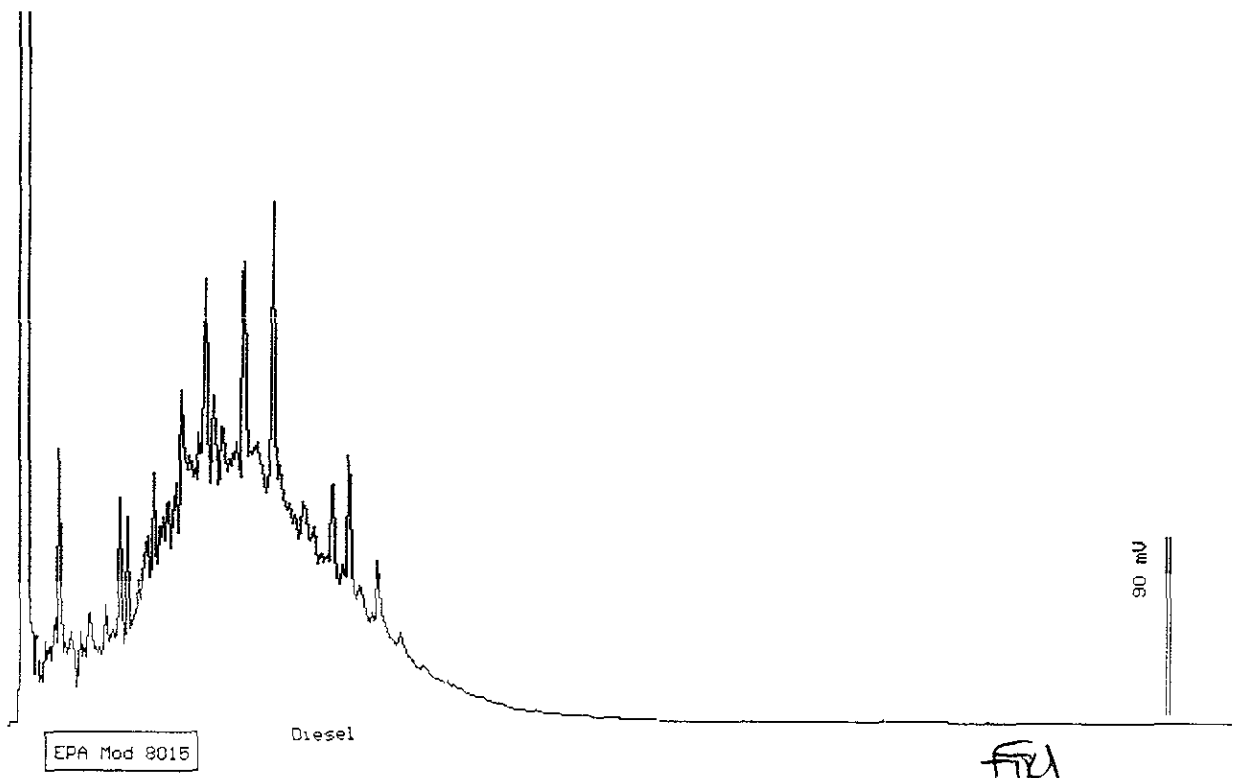
Sample Log 22657

22657-10

Sample: **IB-8.1**

From : SC-Miller (Proj. # 110-06-01)
Sampled : 06/15/01
Extracted: 06/21/01 QC Batch : DS010604
Dilution : 1:100 Run Log : 7498F
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
TPH as Diesel	(100)	15000
TPH as Motor Oil	(200)	<200



Date: 06-25-01 Time: 12:01:28
Column : 0.53mm ID X 15m DB1 (J&W Scientific)

Stewart Padolsky
Senior Chemist

ACCULABS, INC.

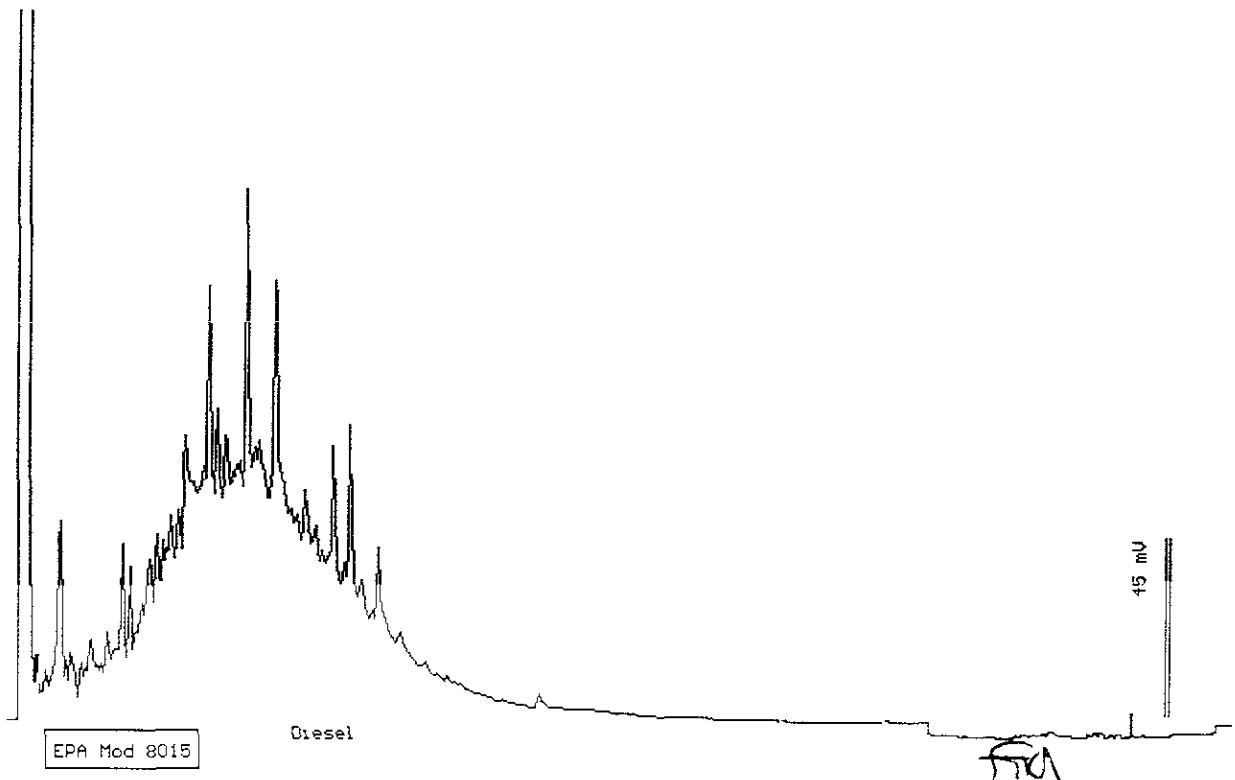
Sample Log 22657

22657-11

Sample: **IB-1W**

From : SC-Miller (Proj. # 110-06-01)
Sampled : 06/15/01
Extracted: 06/20/01 QC Batch : DW010605
Dilution : 1:847 Run Log : 7498B
Matrix : Water

Parameter	(MRL) ug/L	Measured Value ug/L
TPH as Diesel	(42000)	3200000
TPH as Motor Oil	(85000)	<85000



ACCULABS, INC.

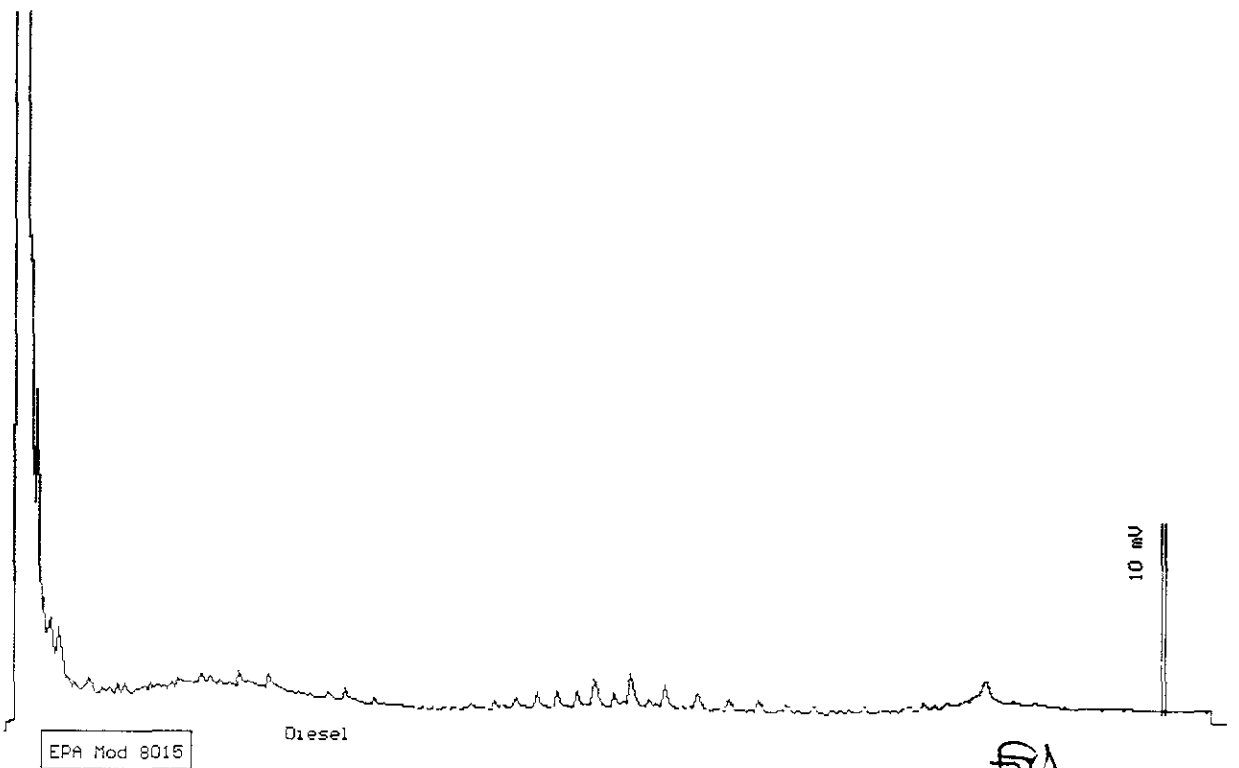
Sample Log 22657

22657-12

Sample: **IB-2W**

From : SC-Miller (Proj. # 110-06-01)
Sampled : 06/15/01
Extracted: 06/20/01 QC Batch : DW010605
Dilution : 1:1 Run Log : 7498A
Matrix : Water

Parameter	(MRL) ug/L	Measured Value ug/L
TPH as Diesel	(50)	86
TPH as Motor Oil	(100)	<100



Date: 06-20-01 Time: 16:53:22
Column : 0.53mm ID X 15m DB1 (J&W Scientific)

Stewart Podolsky
Senior Chemist

ACCULABS, INC.

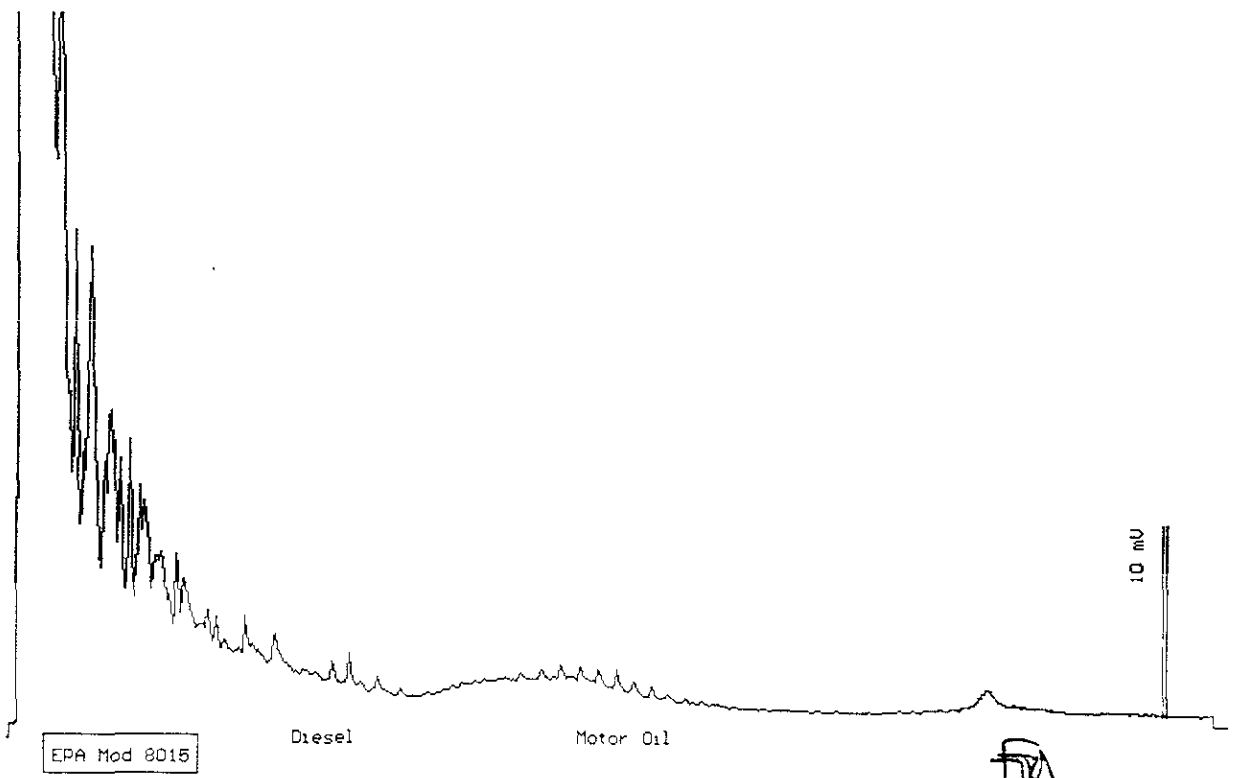
Sample Log 22657
22657-13

Sample: **IB-3W**

From : SC-Miller (Proj. # 110-06-01)
Sampled : 06/15/01
Extracted: 06/20/01 QC Batch : DW010605
Dilution : 1:1 Run Log : 7498A
Matrix : Water

Parameter	(MRL) ug/L	Measured Value ug/L
TPH as Diesel	(350)	<350 *
TPH as Motor Oil	(100)	140

* Increased reporting limit due to gasoline range interference.



Date: 06-20-01 Time: 17:28:12
Column : 0.53mm ID X 15m DB1 (J&W Scientific)

Stewart Podolsky
Senior Chemist

Acculabs Inc. - Davis

TPH Diesel by 8015 Mod QC Report

Matrix:	Water
QC Batch:	DW010605
QC Limits Set:	5/30/01

Date Extracted:	6/20/01
Date Analyzed:	6/21/01

Parameter	Spike Conc ug/L	LCS % Rec	LCSD % Rec	RPD
TPH as Diesel	1000	91	92	1.1

Control Chart Limits	
Lower	Upper
81	130

Method Blank	MDL ug/L	Measured value ug/L
TPH as Diesel	(50)	<50
TPH as Motor Oil	(100)	<100

Tom Kwoka
Laboratory Director

C:\EXCEL\QC\DW010605.xls

Acculabs Inc. - Davis

ACCULABS, INC.

TPH Diesel by 8015 Mod QC Report

Matrix: Soil	Date Extracted: 6/19/01
QC Batch: DS010604	Date Analyzed: 6/19/01
QC Limits Set: 8/18/99	

Parameter	Spike Conc mg/Kg	LCS % Rec	LCSD % Rec	RPD
TPH as Diesel	33	122	108	12.2

Control Chart Limits	
Lower	Upper
70	130

Method Blank	MDL mg/Kg	Measured value ug/L
TPH as Diesel	(1.0)	<1.0
TPH as Motor Oil	(10)	<10

Tom Kwoka
Laboratory Director

C:\EXCEL\QC\DS010604.xls

ACCULABS, INC.

Sample Log 22657
June 25, 2001

PNAs by 8270C

Sample Name : **IB-1.1**

Project Name : SC-Miller
Project Number : 110-06-01
Sample Date : 06/15/01
Date Extracted : 06/21/01
Extr. Method : EPA 3550
QC Batch : BS010610

Date Analyzed : 06/21/01
Date Received : 06/16/01
Dilution : 1:1
Sample Matrix : Soil
Lab Number : 22657-01

Parameter	MRL	Measured Conc.	Units
Naphthalene	0.67	<0.67	mg/Kg
2-Methylnaphthalene	0.67	<0.67	mg/Kg
Acenaphthylene	0.67	<0.67	mg/Kg
Acenaphthene	0.67	<0.67	mg/Kg
Fluorene	0.67	<0.67	mg/Kg
Phenanthrene	0.67	<0.67	mg/Kg
Anthracene	0.67	<0.67	mg/Kg
Fluoranthene	0.67	<0.67	mg/Kg
Pyrene	0.67	<0.67	mg/Kg
Benzo(a)anthracene	0.67	<0.67	mg/Kg
Chrysene	0.67	<0.67	mg/Kg
Benzo(b)fluoranthene	0.67	<0.67	mg/Kg
Benzo(k)fluoranthene	0.67	<0.67	mg/Kg
Benzo(a)pyrene	0.67	<0.67	mg/Kg
Indeno(1,2,3-c,d)pyrene	0.67	<0.67	mg/Kg
Dibenz(a,h)anthracene	0.67	<0.67	mg/Kg
Benzo(g,h,i)perylene	0.67	<0.67	mg/Kg
2-Fluorophenol		83	% Recovery
Phenol-d5		84	% Recovery
Nitrobenzene-d5		84	% Recovery
2-Fluorobiphenyl		82	% Recovery
2,4,6-Tribromophenol		92	% Recovery
Terphenyl-d14		92	% Recovery

MRL = Method Reporting Limit

B = Parameter detected in Method Blank.

E = Concentration exceeded calibration range.

Approved By : Tom Kwoka

ACCULABS, INC.

Sample Log 22657
June 25, 2001

PNAs by 8270C

Sample Name : **IB-8.1**

Project Name : SC-Miller
Project Number : 110-06-01
Sample Date : 06/15/01
Date Extracted : 06/21/01
Extr. Method : EPA 3550
QC Batch : BS010610

Date Analyzed : 06/22/01
Date Received : 06/16/01
Dilution : 1:5
Sample Matrix : Soil
Lab Number : 22657-10

Parameter	MRL	Measured Conc.	Units
Naphthalene	**3.4**	**6.8**	mg/Kg
2-Methylnaphthalene	**3.4**	**20**	mg/Kg
Acenaphthylene	3.4	<3.4	mg/Kg
Acenaphthene	3.4	<3.4	mg/Kg
Fluorene	**3.4**	**15**	mg/Kg
Phenanthrene	**3.4**	**9.7**	mg/Kg
Anthracene	3.4	<3.4	mg/Kg
Fluoranthene	3.4	<3.4	mg/Kg
Pyrene	3.4	<3.4	mg/Kg
Benzo(a)anthracene	3.4	<3.4	mg/Kg
Chrysene	3.4	<3.4	mg/Kg
Benzo(b)fluoranthene	3.4	<3.4	mg/Kg
Benzo(k)fluoranthene	3.4	<3.4	mg/Kg
Benzo(a)pyrene	3.4	<3.4	mg/Kg
Indeno(1,2,3-c,d)pyrene	3.4	<3.4	mg/Kg
Dibenz(a,h)anthracene	3.4	<3.4	mg/Kg
Benzo(g,h,i)perylene	3.4	<3.4	mg/Kg
2-Fluorophenol		86	% Recovery
Phenol-d5		85	% Recovery
Nitrobenzene-d5		94	% Recovery
2-Fluorobiphenyl		93	% Recovery
2,4,6-Tribromophenol		103	% Recovery
Terphenyl-d14		90	% Recovery

MRL = Method Reporting Limit

B = Parameter detected in Method Blank.

E = Concentration exceeded calibration range.

Approved By . Tom Kwoka

ACCULABS, INC.

Acculabs Inc. - Davis

EPA 8270C QC Report

Matrix: Soil	Date Extracted: 6/21/00
QC Batch: BS010610	Date Analyzed: 6/29/01
QC Limits Set: 11/3/00	MS/MSD Sample ID: 22657-01

Parameter	Spike Conc mg/Kg	MS % Rec	MSD % Rec	RPD	LCS % Rec	Control Chart Limits Lower	Control Chart Limits Upper
Phenol	6.67	74	73	1.9	76	49	107
2-Chlorophenol	6.67	79	76	3.6	80	52	110
1,4-Dichlorobenzene	3.33	81	72	12.1	80	50	114
N-Nitroso-di-n-propylamine	3.33	74	74	0.2	82	47	119
1,2,4-Trichlorobenzene	3.33	84	72	14.9	77	50	129
4-Chloro-3-methylphenol	6.67	91	86	6.5	84	42	125
Acenaphthene	3.33	88	79	11.2	78	58	119
4-Nitrophenol	6.67	81	99	20.1	91	24	126
2,4-Dinitrotoluene	3.33	86	91	6.3	87	34	127
Pentachlorophenol	6.67	84	91	7.9	85	48	139
Pyrene	3.33	99	81	19.6	83	34	106

Surrogate Compounds	Control Chart Limits Lower	Control Chart Limits Upper
2-Fluorophenol	51	113
Phenol-d5	56	120
Nitrobenzene-d5	61	121
2-Fluorobiphenyl	65	113
2,4,6-Tribromophenol	41	113
Terphenyl-d14	54	120

Tom Kwaka
Laboratory Director

C:\EXCEL\QC\BS010610.XLS

ACCULABS, INC.

CHANGE ORDER FORM

DATE: 6/21/01 TIME: 1000

COMPANY: Critch

PROJECT #: _____ SAMPLE LOG#: 22657

PROJECT NAME: SC - Miller

ORDER TAKEN BY: SJ ORDERED BY: JG

SAMPLE#	CHANGE REQUESTED	TURN-AROUND-TIME (If Applicable)
11	Sample IB-1W is to be put on hold for the PNA test ONLY (run all other tests marked)	

REMARKS: _____

****

UPDATE SECTION: (Initial/Date/Time)

FRONT COMPUTER	VOLATILES	DIESEL	SLOG BOOK
SJ / 6/21/01 / 1000	___/___/___	___/___/___	___/___/___

Acculabs Inc.

[ ] 3902 E. University Dr. Phoenix AZ 85034 602-437-0979 Fax 437-0826
[ ] 710 E. Evans Blvd. Tucson AZ 85713 520-884-5811 Fax 884-5812
[ ] 2020 W. Lone Cactus Dr. Phoenix AZ 85027 602-780-4800 Fax 780-7695
[ ] 4663 Table Mountain Dr. Golden CO 80403 303-277-9514 Fax 277-9512
[ ] 992 Spice Islands Dr. Sparks NV 89431 702-355-0202 Fax 355-0817
[ ] 1046 Olive Drive #2 Davis CA 95616 530-757-0920 Fax 753-6091

Lab Number: 22657
Report Due Date: 6/22/01

Client	Gribi Associates	PUBLIC WATER SUPPLY INFORMATION	
Address	1350 Hayes Street, Ste C-14	System Name	
City, State & Zip	Benicia, CA 94510	PWS No.	Report to State/EPA Y N
Contact	Jim Gribi	POE No.	DWR No.
Phone	707/748-7743	Project Name SC-Miller	Collection Point
Fax	707/748-7763	Project Number 110-06-01	Collector's Name
P.O. Number		Fax Results (Y) N	Page 1 of 2 Location (City)

SAMPLE TYPE CODES
DW = drinking water; WW = waste water; MW = monitoring well; HW = hazardous waste; TB = travel blank; SD = solid; SO = soil; SL = sludge

Compliance Monitoring Y N

TURNAROUND TIME REQUESTED
(Standard) RUSH Special 6/22/01

Lab Director Approval

CLIENT'S SAMPLE ID/LOCATION	Date	Time	Sample type	Containers	TPH-G/BTEX/MTBE	TPH-D/MO	PNAs	BTEX	Spl. No.
1B-1.1	6/15		S	1		X	X	X	01
1B-1.2			S	1		X			02
1B-2.1			S	1		X		X	03
1B-3.1			S	1	X	X		#	04
1B-4.1			S	1 (TPH 6-27-01)	X	X		X	05
1B-4.2			S	1	X				06
1B-5.1			S	1	X				07
1B-6.1			S	1	X				08
1B-7.1			S	1	X				09
1B-8.1			S	1		X	X	X	10
1B-1W			W	4		X	X	X	11

Instructions/Comments/Special Requirements: Water Samples — Confirm Positive MTBE results

SAMPLE RECEIPT			Date	Time	Samples Relinquished By	Samples Received By
Received Cold	Y	N	6/16/01	9:15		
Custody Seals	Y	N				
Seals Intact	Y	N				
No. of Containers						

Acculabs' terms are: Net 40 (Payment must be received by the date shown on the invoice or any discount is void)

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Acculabs Inc.

[ ] 3902 E. University Dr. Phoenix AZ 85034 602-437-0979 Fax 437-0826
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[ ] 1046 Olive Drive #2 Davis CA 95616 530-757-0920 Fax 753-6091

Lab Number: 22657

Report Due Date: 6/22/01

Client	Gribi Associates	PUBLIC WATER SUPPLY INFORMATION	
Address	1350 Hayes Street, Ste C-14	System Name	
City, State & Zip	Benicia, CA 94510	PWS No.	Report to State/EPA Y N
Contact	Jim Gribi	POE No.	DWR No.
Phone	707/748-7743	Project Name SC-M. Ilef	Collection Point
Fax	707/748-7763	Project Number 110-06-01	Collector's Name
P.O. Number		Fax Results (Y) N	Page 2 of 2

SAMPLE TYPE CODES

DW = drinking water; WW = waste water; MW = monitoring well; HW = hazardous waste; TB = travel blank; SD = solid; SO = soil; SL = sludge

Compliance Monitoring Y N

TURNAROUND TIME REQUESTED

(Standard) RUSH Special 6/22/01

Lab Director Approval

CLIENT'S SAMPLE ID/LOCATION	Date	Time	Sample Type	Containers	Analyses Requested: TPH-G/BTEX/MTBE	TPH-D/MO	PNAs	BTEX	Spl. No.
1B-2W	6/15		W	6		X		X	12
1B-3W	"		W	6	X	X			13
1B-4W			W	3	X				14
1B-5W			W	5	X				15
1B-6W			W	3	X				16
1B-7W			W	3	X				17

Instructions/Comments/Special Requirements:

SAMPLE RECEIPT			Date	Time	Samples Relinquished By	Samples Received By
Received Cold	Y	N	6/14/01	9:15	[signature]	[signature]
Custody Seals	Y	N				
Seals Intact	Y	N				
No. of Containers						

Acculabs' terms are: Net 40 (Payment must be received by the date shown on the invoice or any discount is void)