



RO-2410

AUG 08 2002

11244 Pyrites Way • Gold River, CA 95670
Phone 916.851.0174 • Fax 916.851.0177 • Toll Free 1.800.242.4259

August 6, 2002

Ms. Eva Chu
Alameda County Health Care Services Agency
Environmental Health Division
1311 Harbor Bay Parkway, Suite 250
Alameda, California 94502

Subject: **Soil Boring and Groundwater Sample Collection Results Report**
New West Petroleum
1051 Airway Blvd
Livermore, California
Apex Project No. NWP01.001

Apex Envirotech, Inc. (Apex), has been authorized by New West Petroleum Inc. (New West) to provide this results report for the installation of four soil borings and the collection of soil and groundwater samples at the subject site (Figure 1). The site, located along the eastern side of Airway Boulevard, in Livermore, California, is an active retail fuel station and mini market that retails all three grades of unleaded gasoline and diesel fuel (Figure 2).

This report is based, in part, on information obtained from New West and Grayland Environmental (Grayland) and is subject to modification as newly acquired information may warrant.

BACKGROUND

During June, 2001, six fuel dispensers and associated product lines were removed by Walton Engineering, Inc. of West Sacramento, California. Soil samples were collected beneath of the former dispensers and product lines. Laboratory results indicated detectable concentrations of Total Petroleum Hydrocarbons as gas (TPHg), Total Petroleum Hydrocarbons as diesel (TPHd), benzene, toluene, ethylbenzene and total xylenes BTEX and Methyl Tertiary Butyl Ether (MTBE) compounds.

On January 18, 2002, Grayland submitted *Site Contamination Work Plan* to evaluate the spatial extent of soil contamination beneath the site and to determine if groundwater had been impacted by residual hydrocarbons.

SOIL BORING INSTALLATION/SAMPLING

Apex personnel supervised the installation of four soil borings at the subject property on June 12, 2002. The borings were installed by En Prob Environmental Probing (En Prob), of Oroville, California according to Apex Standard Operating Procedures (SOP) included as Appendix A. Once sampling was completed, the borings were grouted to surface.

Borings GP-1 and GP-2 were continuously sampled by direct punch method to a depth of approximately 32 feet below ground surface (bgs). Soil was characterized using manual and visual methods. Boring logs for GP-1 and GP-2 are included as Appendix B. Depth to groundwater beneath the site was approximately 27 feet bgs. Groundwater samples were collected from each of the open borings. Soil samples from borings GP-3 and GP-4 were collected at approximately 24 feet bgs. A hydropunch was then advanced to a depth of approximately 32 feet bgs and water samples were collected. Upon completion of sampling the borings were grouted to surface. Boring locations are shown on Figure 3.

*no logs for
GP-3/4?*

One soil samples from each boring was collected at approximately 24 feet bgs. A 3:1 composite soil sample was also collected from the soil overburden stockpile. All soil samples collected were submitted, under chain-of-custody (COC) documentation, for chemical analysis to California Laboratory Services (CLS), a state-certified analytical laboratory, of Rancho Cordova, California. The soil sample was analyzed for:

Analysis	Abbreviation	Designation	USEPA Method No.
Total Petroleum Hydrocarbons as Gasoline	TPHg	Fuel Range Hydrocarbon	8015 Modified
Total Petroleum Hydrocarbons as Diesel	TPHd		
Benzene	BTEX	Aromatic Volatile Organics	8020
Toluene			
Ethylbenzene			
Xylenes (Total)			
Tertiary Butyl Alcohol	TBA	Five Fuel Oxygenates	8260B
Methyl Tertiary Butyl Ether	MTBE		
Di-isopropyl Ether	DIPE		
Ethyl Tertiary Butyl Ether	ETBE		
Tertiary Amyl Methyl Ether	TAME		

The stockpile soil sample (SP-1) was also analyzed for total lead by EPA method 6010. Table 1 summarizes the soil analytical results and copies of laboratory analytical report and COC form are included in Appendix C.

GROUNDWATER SAMPLING AND ANALYSIS

On June 12, 2002, Apex personnel collected groundwater samples from each of the four soil borings, in accordance with the Apex SOP (Appendix A). All groundwater samples were submitted, under COC, to CLS of Rancho Cordova, California a state-certified analytical laboratory. In addition to the constituents listed in the table above, groundwater samples were analyzed for 1,2 DCA. Samples from GP-3 and GP-4 were not analyzed for TPHd, per Alameda County.

Groundwater analytical results are summarized in Table 2. The laboratory analytical reports and COC forms are included as Appendix C.

FORMER SOIL STOCKPILE SAMPLING AND DISPOSAL

On June 4, 2002, Apex personnel collected three 4:1 composite soil samples from the soil overburden stockpile generated during the fuel dispenser and product line upgrades.

The soil stockpile volume was approximately 250 cubic yards and had been temporarily stored on the adjacent property since the upgrade work in January 2002. The soil was loaded and transported by ABCO of Rancho Cordova, California and properly disposed at an appropriate landfill. The soil stockpile sampling laboratory analytical report and COC are included in Appendix C.

Copies of the transportation and disposal manifests and receipts have not been received from the transporter. These will be provided under separate cover.

CONCLUSIONS AND RECOMMENDATIONS

Based on laboratory analytical results no constituents were detected above laboratory detection limits in any of the soil samples. Groundwater samples GP-1, GP-2, GP-3 and GP-4 contained detectable levels of MTBE measuring 110, 100, 280 and 4.3 micrograms per Liter (ug/L) respectively. GP-3 also contained 6.5 ug/L of TAME. The groundwater sample collected from GP-4 had no constituents detected above laboratory detection limits.

REPORT DISTRIBUTION

A copy of this report was submitted to:

Zone 7 Water Agency
Mr. Wyman Hong
5997 Parkside Drive
Pleasanton, CA 94588-5127
(Permit #22085)

Soil Boring Installation and Groundwater Sample Collection Results Report
New West Petroleum, 1051 Airway Blvd, Livermore, California
Page 4

Mr. Gil Moore
New West Stations, Inc.
1831 16th Street
Sacramento, California 95814

REMARKS/SIGNATURES

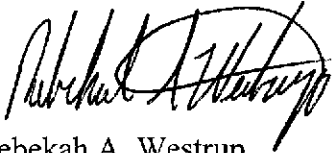
The information contained within this report reflects our professional opinions and was developed in accordance with currently available information, and accepted hydrogeologic and engineering practices. This report was prepared solely for the use of New West Petroleum. Any reliance on this report by other parties is at their own risk.

The work described above was performed under the direct supervision of the professional geologists, registered with the State of California, whose signatures appear below.

We appreciate the opportunity to provide you geologic, engineering and environmental consulting services, and trust this report meets your needs. If you have any questions or comments, please call us at (916) 851-0174.

Sincerely,

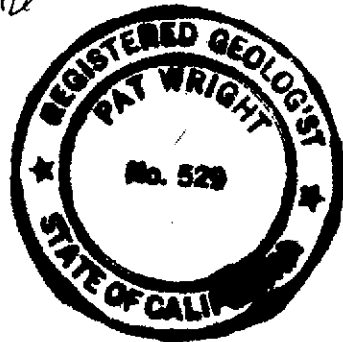
APEX ENVIROTECH INC.



Rebekah A. Westrup
Staff Geologist



Pat Wright, R.G.
Senior Project Manager
CRG No. 00529



FIGURES:

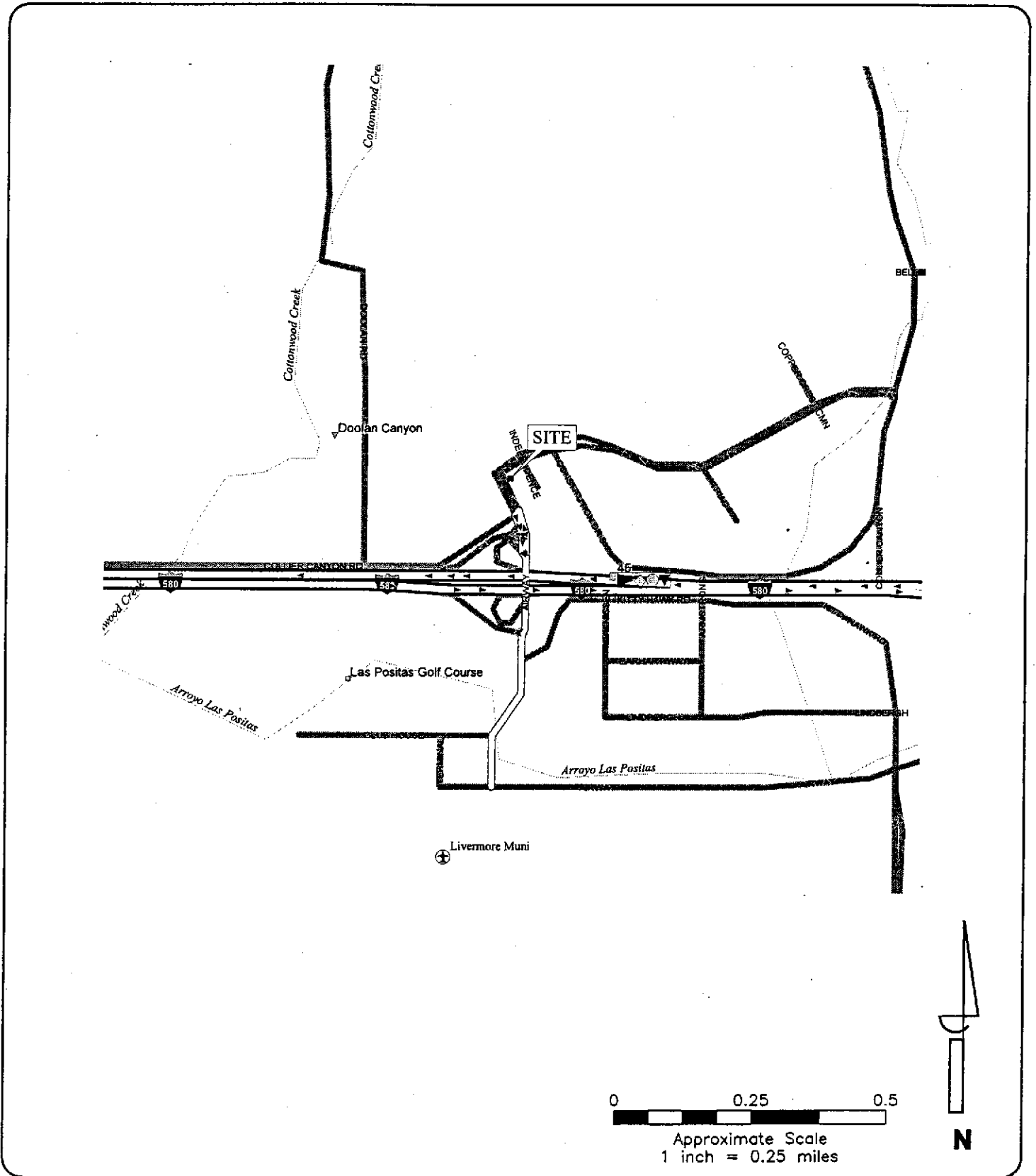
FIGURE 1 SITE VICINITY MAP
FIGURE 2 SITE MAP
FIGURE 3 SOIL BORING LOCATIONS


TABLES:

TABLE 1 SOIL ANALYTICAL DATA
TABLE 2 GROUNDWATER ANALYTICAL DATA

APPENDICES:

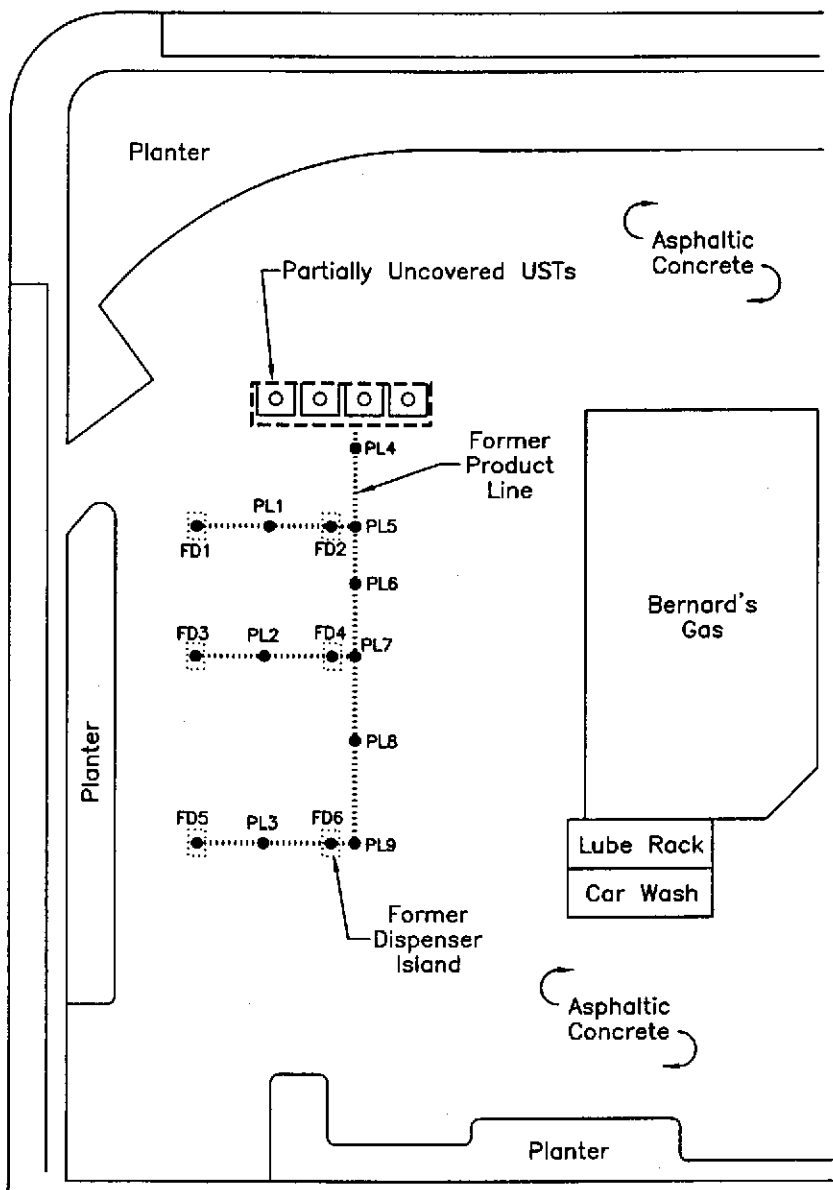
APPENDIX A APEX STANDARD OPERATING PROCEDURES
APPENDIX B BORING LOGS
APPENDIX C LABORATORY ANALYTICAL REPORTS AND
CHAIN-OF-CUSTODY FORMS



	DRAWN BY: D. Alston DATE: 07/17/02	SITE VICINITY MAP	FIGURE 1
	REVISIONS		

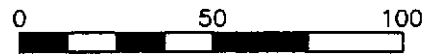
NORTH CANYON PARKWAY

AIRWAY BOULEVARD



LEGEND

- Soil Sample Location



Approximate Scale
1 inch = 50 feet



DRAWN BY: D. Alston
DATE: 07/17/02

REVISIONS

SITE PLAN MAP

Bernard's Gas
1051 Airway Boulevard
Livermore, California

FIGURE

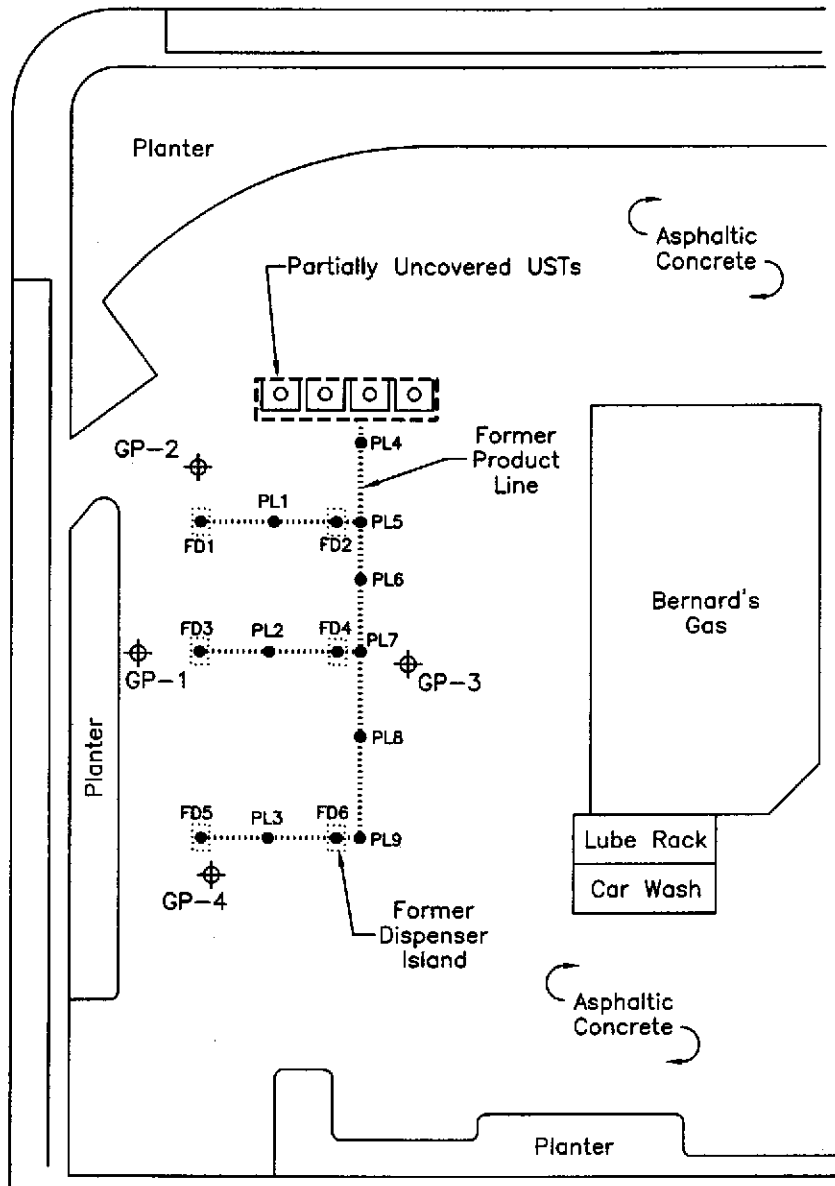
2

PROJECT NUMBER:

NWP01.001

NORTH CANYON PARKWAY

AIRWAY BOULEVARD

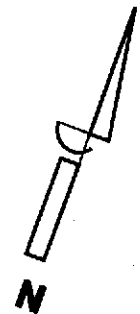


LEGEND

- Soil Sample Location
- ⊕ Soil Boring Location



Approximate Scale
1 inch = 50 feet



DRAWN BY: D. Alston
DATE: 07/17/02

REVISIONS

NO.	DESCRIPTION

SOIL BORING LOCATION MAP

Bernard's Gas
1051 Airway Boulevard
Livermore, California

FIGURE

3

PROJECT NUMBER:

NWP01.001

TABLE 1
SOIL ANALYTICAL DATA
 New West Petroleum
 1051 Airway Blvd
 Livermore, California

Sample ID	Date	Sample Depth (feet bgs)	TPH as Diesel (mg/kgg)	TPH as Gasoline (mg/kgg)	Benzene (mg/kgg)	Toluene (mg/kgg)	Ethyl benzene (mg/kgg)	Total Xylenes (mg/kgg)	EPA Method 8260					Total Lead (mg/kg)
									DIPE (ug/kg)	ETBE (ug/kg)	MTBE (ug/kg)	TAME (ug/kg)	TBA (ug/kg)	
GP-1	06/12/2002	24	<1.0	<1.0	<0.005	<0.005	<0.005	<0.01	<5.0	<5.0	<5.0	<5.0	<50	---
GP-2	06/12/2002	24	<1.0	<1.0	<0.005	<0.005	<0.005	<0.01	<5.0	<5.0	<5.0	<5.0	<50	---
GP-3	06/12/2002	24	<1.0	<1.0	<0.005	<0.005	<0.005	<0.01	<5.0	<5.0	<5.0	<5.0	<50	---
GP-4	06/12/2002	24	<1.0	<1.0	<0.005	<0.005	<0.005	<0.01	<5.0	<5.0	<5.0	<5.0	<50	---
SP-1	06/12/2002	NA	<1.0	<1.0	<0.005	<0.005	<0.005	<0.01	<5.0	<5.0	<5.0	<5.0	<50	7.6

NOTES:

TPH - Total Petroleum Hydrocarbons
 DIPE - Di-isopropyl ether
 ETBE - Ethyl Tertiary Butyl Ether
 MTBE - Methyl Tertiary Butyl Ether

TAME - Tertiary Amyl Methyl Ether
 TBA - Tertiary Butyl Alcohol
 ug/kgg - micrograms per kilogram

TABLE 2
GROUNDWATER ANALYTICAL DATA
New West Petroleum
 1051 Airway Blvd
 Livermore, California

Sample ID	Date	TPH as Diesel (ug/L)	TPH as Gasoline (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl benzene (ug/L)	Total Xylenes (ug/L)	EPA Method 8260					
								DIPE (ug/L)	ETBE (ug/L)	MTBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2 DCA (ug/L)
GP-1	06/12/2002	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	110	<5.0	<50	<5.0
GP-2	06/12/2002	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	100	<5.0	<50	<5.0
GP-3	06/12/2002	NA	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	280	6.5	<50	<5.0
GP-4	06/12/2002	NA	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<2.0	4.3	<2.0	<30	<2.0

NOTES:

TPH - Total Petroleum Hydrocarbons
 DIPE - Di-isopropyl ether
 ETBE - Ethyl Tertiary Butyl Ether
 MTBE - Methyl Tertiary Butyl Ether

TAME - Tertiary Amyl Methyl Ether
 TBA - Tertiary Butyl Alcohol
 1,2 DCA 1,2-Dichloroethane
 ug/kg - micrograms per kilogram

APPENDIX A

APEX STANDARD OPERATING PROCEDURES

APEX ENVIROTECH, INC.
STANDARD OPERATING PROCEDURES
Soil Borings

SOP-1
SOIL BORING SAMPLING

During drilling, soil samples for chemical analysis are collected in thin-walled brass tubes, of varying diameters and lengths (e.g., 4 or 6 inches long by 2 inches outside diameter). Three or four of the selected tubes, plus a spacer tube, are set in an 18-inch long split-barrel sampler of the appropriate inside-diameter.

Where possible, the split-barrel sampler is driven its entire length either hydraulically or using a 140-pound drop hammer. The sampler is extracted from the borehole and the brass tubes, containing the soil samples, are removed. Upon removal from the sampler, the selected brass tubes are either immediately trimmed and capped with aluminum foil or "Teflon" sheets and plastic caps or the samples are extruded from the tubes and sealed within other appropriate, cleaned sample containers. The samples are then hermetically sealed, labeled, and refrigerated for delivery, under strict chain-of-custody, to the analytical laboratory. These procedures minimize the potential for cross-contamination and volatilization of volatile organic compounds (VOC) prior to chemical analysis.

One soil sample collected at each sampling interval is analyzed in the field using either a portable photoionization detector (PID), flame ionization detector, organic vapor analyzer, catalytic gas detector, or an explosimeter. The purpose of this field analysis is to qualitatively determine the presence or absence of hydrocarbons, and the samples to be analyzed at the laboratory. The soil sample is sealed in either a brass tube, glass jar, or plastic bag to allow for some volatilization of VOC. The PID is then used to measure the concentrations of hydrocarbons within the containers' headspace. The data is recorded on both field notes and the boring logs at the depth corresponding to the sampling point.

Other soil samples are collected to document the soil and/or stratigraphic profile beneath the project site, and estimate the relative permeability of the subsurface materials. All drilling and sampling equipment are either steam cleaned or washed in solution and doubly rinsed in deionized water prior to use at each site and between boreholes to minimize the potential for cross-contamination.

In the event the soil samples cannot be submitted to the analytical laboratory on the same day they are collected (e.g., due to weekends or holidays), the samples are temporarily stored until the first opportunity for submittal either on ice in a cooler, such as when in the field, or in a refrigerator at Apex's office.

SOP-3
SOIL CLASSIFICATION

Soil samples are classified according to the Unified Soil Classification System. Representative portions of the samples may be submitted, under strict chain-of-custody, to an analytical laboratory for further examination and verification of the in-field classification and analysis of soil mechanical and/or petrophysical properties. The soil types are indicated on logs of either excavations or borings together with depths corresponding to the sampling points and other pertinent information.

SOP-4
SAMPLE IDENTIFICATION AND CHAIN-OF-CUSTODY PROCEDURES

Sample identification and chain-of-custody procedures ensure sample integrity as well as document sample possession from the time of collection to ultimate disposal. Each sample container submitted for analysis is labeled to identify the job number, date, time of sample collection, a sample number unique to the sample, any in-field measurements made, sampling methodology, name(s) of on-site personnel, and any other pertinent field observations also recorded on the field excavation or boring log.

Chain-of-custody forms are used to record possession of the sample from time of collection to arrival at the laboratory. During shipment, the person with custody of the samples will relinquish them to the next person by signing the chain-of-custody form(s) and noting the date and time. The sample-control officer at the laboratory will verify sample integrity, correct preservation, confirm collection in the proper container(s), and ensure adequate volume for analysis.

If these conditions are met, the samples will be assigned unique laboratory log numbers for identification throughout analysis and reporting. The log numbers will be recorded on the chain-of-custody forms and in the legally-required log book maintained in the laboratory. The sample description, date received, client's name, and any other relevant information will also be recorded.

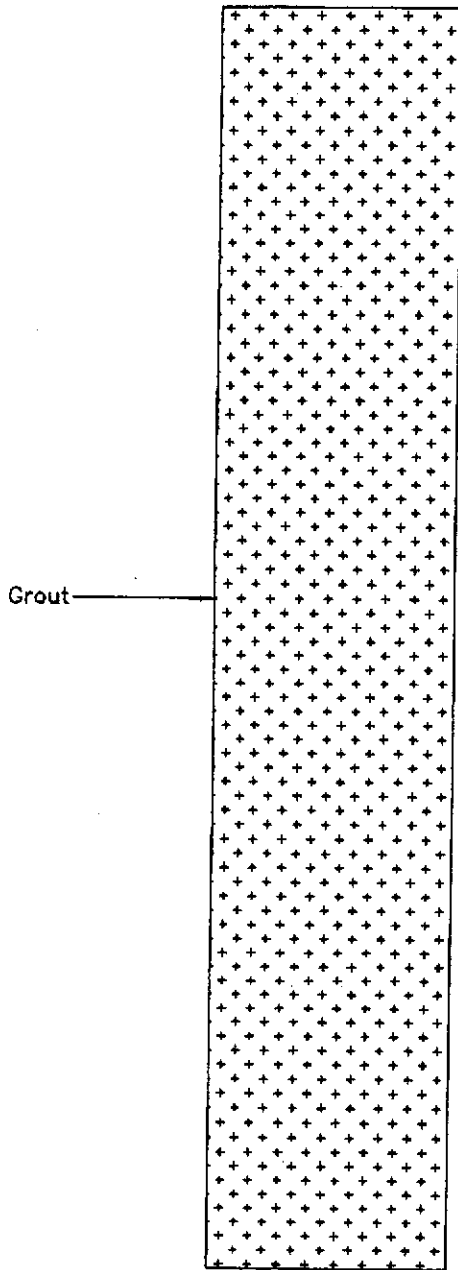
SOP-5
LABORATORY ANALYTICAL QUALITY ASSURANCE AND CONTROL

In addition to routine instrument calibration, replicates, spikes, blanks, spiked blanks, and certified reference materials are routinely analyzed at method-specific frequencies to monitor precision and bias. Additional components of the Laboratory Quality Assurance/Quality Control program include:

1. Participation in state and federal laboratory accreditation/certification programs;
2. Participation in both U.S. EPA Performance Evaluation studies (WS and WP studies) and inter-laboratory performance evaluation programs;
3. Standard operating procedures describing routine and periodic instrument maintenance;
4. "Out-of-Control"/Corrective Action documentation procedures; and,
5. Multi-level review of raw data and client reports.

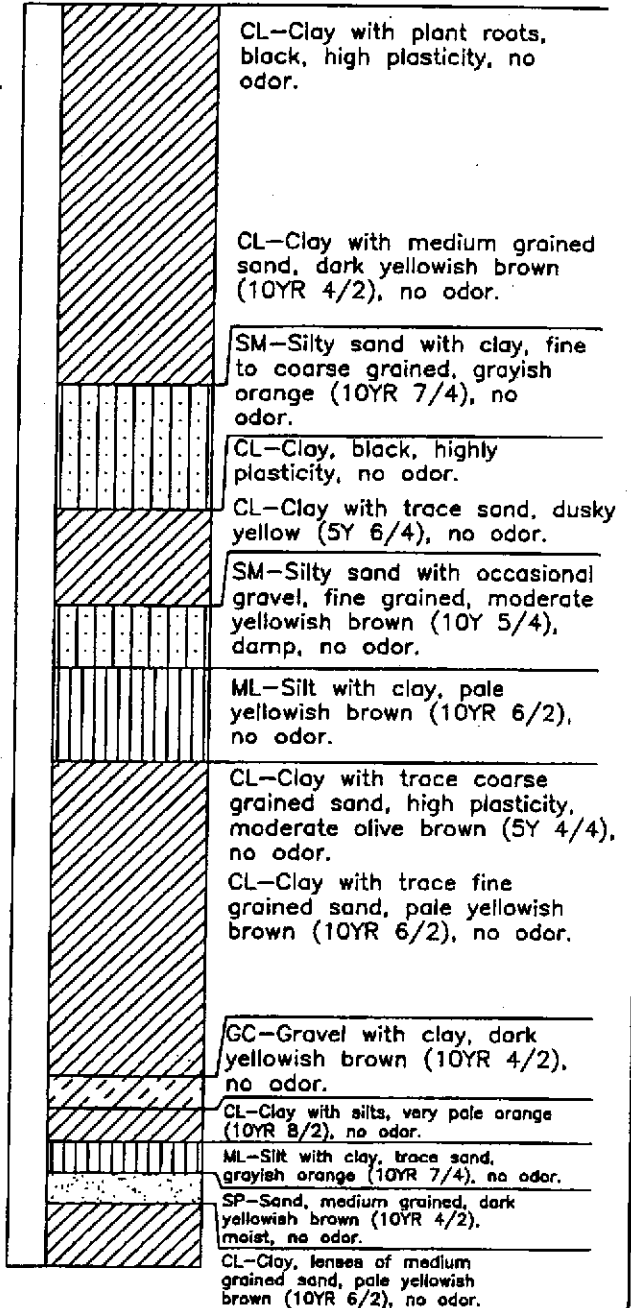
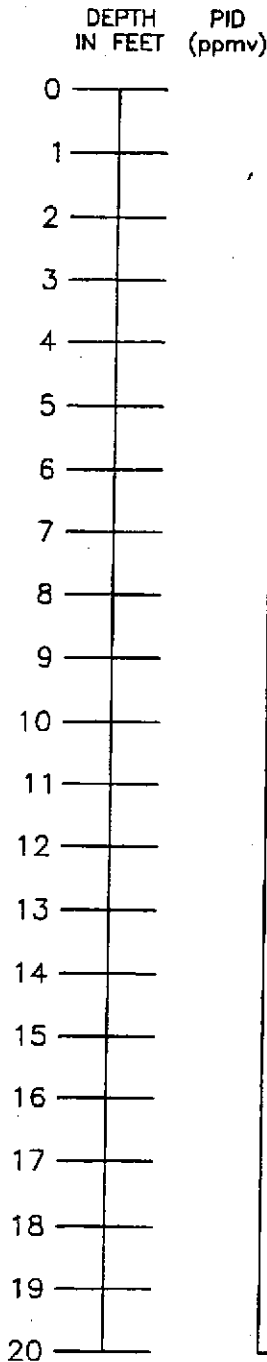
APPENDIX B
BORING LOGS

BORING/WELL CONSTRUCTION DETAIL



GRAPHIC LOG

DESCRIPTION



EXPLANATION:

- ▼ Water level during drilling
- ▽ Water level in completed well
- Location of recovered drill sample
- Location of sample sealed for chemical analysis
- Sieve sample
- Grab sample
- est K Estimated permeability (hydraulic conductivity)
1K=primary, 2K=secondary
- NR No recovery

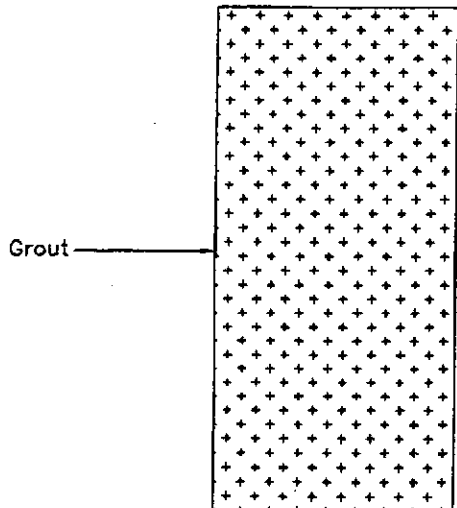
CONTACTS:

- Solid where certain
- Dotted where approximate
- - - - Dashed where uncertain
- Hachured where gradational

APEX ENVIROTECH, INC.

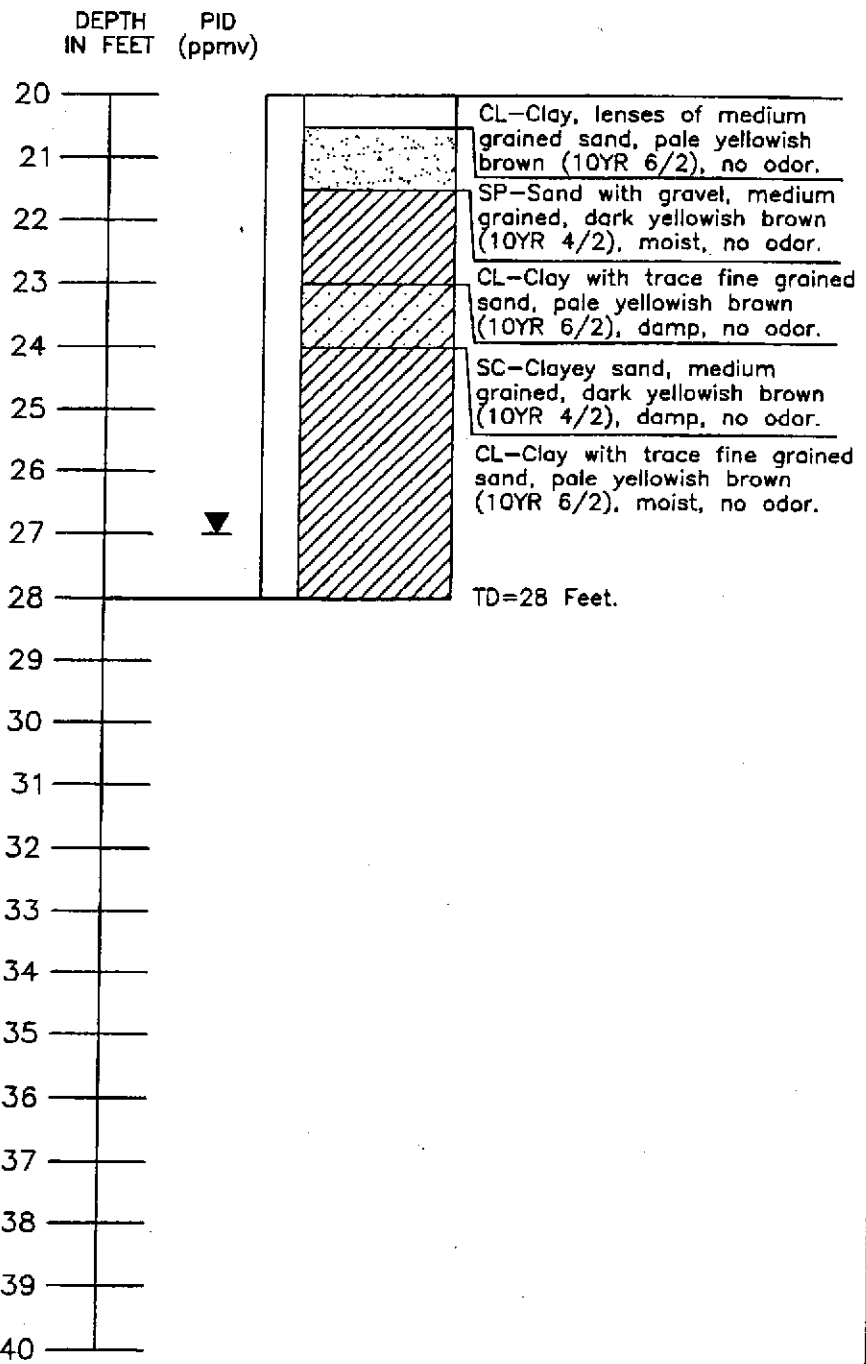
Boring/Well Log Details GP-1	Job No. NWP01.001
Bernard's Gas 1051 Airway Boulevard Livermore, California 06/12/02	BORING/ WELL GP-1

BORING/WELL CONSTRUCTION DETAIL



GRAPHIC LOG

DESCRIPTION



EXPLANATION:

- ▼ Water level during drilling
- ▽ Water level in completed well
- Location of recovered drill sample
- Location of sample sealed for chemical analysis
- Sleeve sample
- Grab sample
- Estimated permeability (hydraulic conductivity)
1K=primary, 2K=secondary
- NR No recovery

CONTACTS:

- Solid where certain
- Dotted where approximate
- Dashed where uncertain
- Hachured where gradational

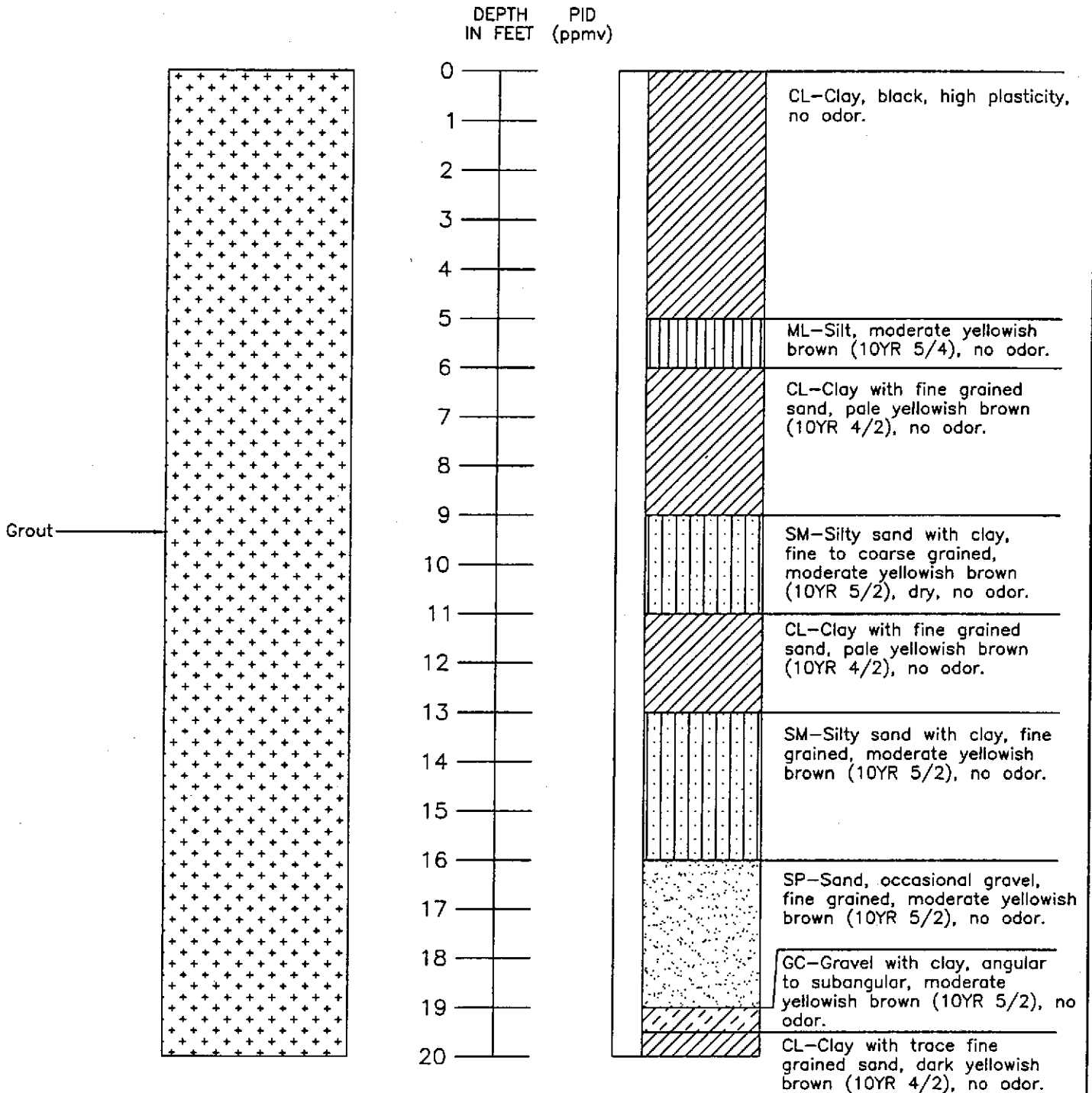
APEX ENVIROTECH, INC.

Boring/Well Log Details GP-1	Job No. NWP01.001
Bernard's Gas 1051 Airway Boulevard Livermore, California 06/12/02	BORING/ WELL GP-1

BORING/WELL CONSTRUCTION DETAIL

GRAPHIC LOG

DESCRIPTION



EXPLANATION:

- ▼ Water level during drilling
- ▽ Water level in completed well
- Location of recovered drill sample
- Location of sample sealed for chemical analysis
- Sieve sample
- Grab sample
- est K Estimated permeability (hydraulic conductivity)
1K=primary, 2K=secondary
- NR No recovery

CONTACTS:

- Solid where certain
- Dotted where approximate
- - - Dashed where uncertain
- Hachured where gradational

APEX ENVIROTECH, INC.

Boring/Well Log
Details GP-2

Job No.
NWPO1.001

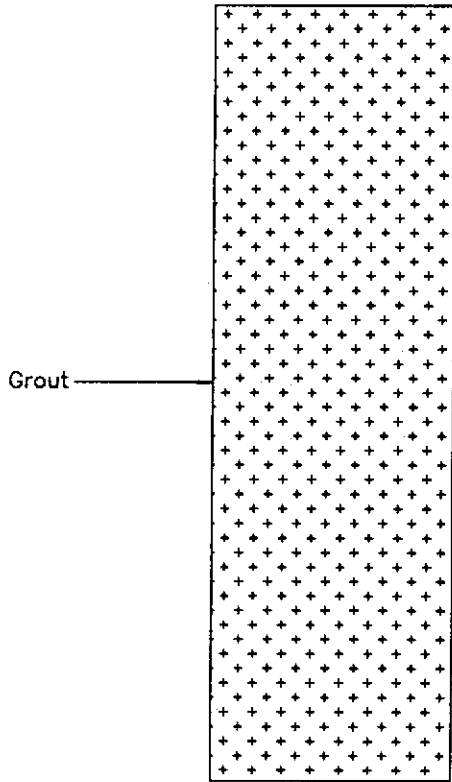
Bernard's Gas
1051 Airway Boulevard
Livermore, California

BORING/
WELL

06/12/02

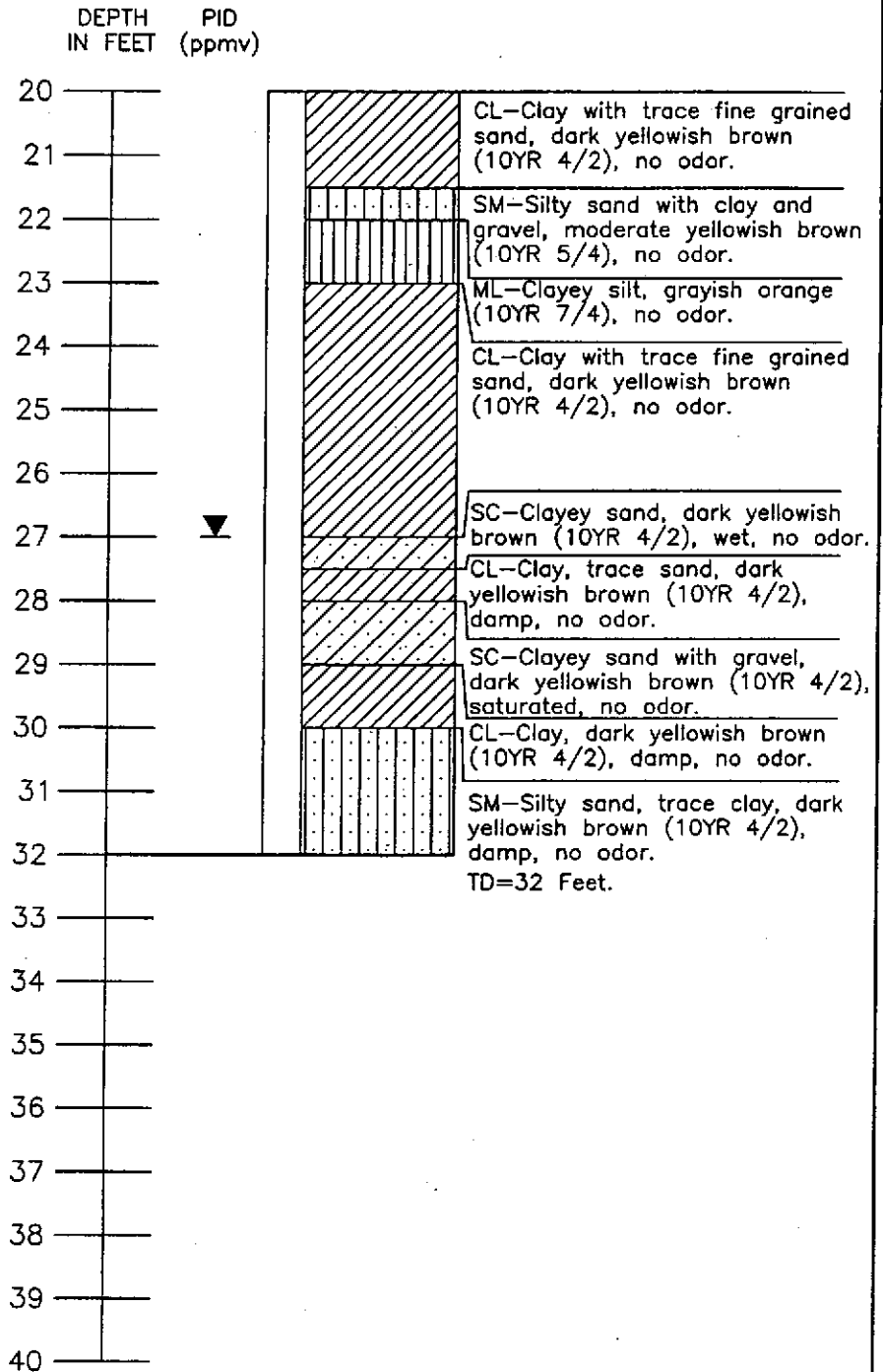
GP-2

BORING/WELL CONSTRUCTION DETAIL



GRAPHIC LOG

DESCRIPTION



EXPLANATION:

- ▼ Water level during drilling
- ▽ Water level in completed well
- Location of recovered drill sample
- Location of sample sealed for chemical analysis
- Sieve sample
- Grab sample
- est K Estimated permeability (hydraulic conductivity)
1K=primary, 2K=secondary
- NR No recovery

CONTACTS:

- Solid where certain
- Dotted where approximate
- - - Dashed where uncertain
- Hachured where gradational

APEX ENVIROTECH, INC.

Boring/Well Log
Details GP-2

Job No.
NWP01.001

Bernard's Gas
1051 Airway Boulevard
Livermore, California

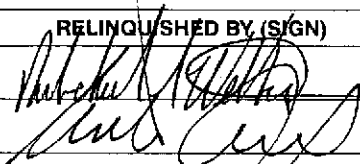
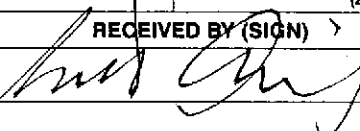
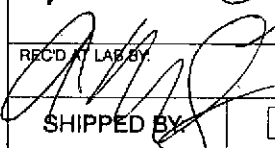
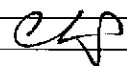
BORING/
WELL

06/12/02

GP-2

APPENDIX C

**LABORATORY ANALYTICAL REPORTS AND
CHAIN-OF-CUSTODY FORMS**

REPORT TO:		CLIENT JOB NUMBER		ANALYSIS REQUESTED				FIELD CONDITIONS:							
NAME AND ADDRESS KASEY JONES/APEX ENVIROTECH		NW101.001		PRESERVATIVES				COMPOSITE: <i>Combine SP-1A, SP-1B and SP-1c to form SP-1</i>							
5330 Primrose Dr		DESTINATION LABORATORY													
FAIR OAKS		<input checked="" type="checkbox"/> CLS (916) 638-7301													
PROJECT MANAGER KASEY	PHONE# 535-0200	3249 FITZGERALD RD. RANCHO CORDOVA, CA. 95742													
PROJECT NAME BERNARD'S		<input type="checkbox"/> OTHER													
SAMPLED BY WESTRUP								TURN AROUND TIME							
JOB DESCRIPTION Geo probes								SPECIAL INSTRUCTIONS							
SITE LOCATION LIVERMORE															
DATE	TIME	SAMPLE IDENTIFICATION		MATRIX	CONTAINER NO. TYPE		TPH	TPHg	BTEX	5 Oxy	TOTAL Lead	1 DAY	2 DAY	5 DAY	10 DAY
6-12-02	11:10	GP-1 @ 24'		SOIL	1		X	X	X	X				X	
	13:00	GP-2 @ 24'		↓	1		X	X	X	X				X	
	14:30	GP-3 @ 24'		↓	1		X	X	X	X				X	
	15:30	GP-4 @ 24'		↓	1		X	X	X	X				X	
	12:50	SP-1		↓	3		X	X	X	X	X			X	
INVOICE TO:															
P.O. #															
QUOTE #															
SUSPECTED CONSTITUENTS				SAMPLE RETENTION TIME				PRESERVATIVES: (1) HCL (2) HNO ₃ (3) - GOLD (4)							
RELINQUISHED BY (SIGN)		PRINT NAME / COMPANY		DATE / TIME		RECEIVED BY (SIGN)		PRINT NAME / COMPANY							
		Rebekah OLF Apex ENVIROTECH		6/13/02 0930				CONRAD P/CLP							
				6/13/02 0850											
RECD AT LAB BY				DATE / TIME				CONDITIONS / COMMENTS:							
				6/18/02 950											
SHIPPED BY		<input type="checkbox"/> FED X		<input type="checkbox"/> UPS		<input checked="" type="checkbox"/> OTHER		AIR BILL #							
															



APEX Envirotech Inc.
5330 Primrose Dr.
#100
Fair Oaks, CA 95628

06/24/2002

Attention: Kasey Jones

Reference: Analytical Results

Project Name: Bernard's
Project No.: NWP01.001
Date Received: 06/13/2002
Chain Of Custody: 26636

CLS ID No.: T8713
CLS Job No.: 848713

The following analyses were performed on the above referenced project:

<u>No. of Samples</u>	<u>Turnaround Time</u>	<u>Analysis Description</u>
1	5 Days	Lead by EPA Method 6010
5	5 Days	TPH Diesel by DHS Method - M8015 (soil)
5	5 Days	G/BTEX/5 OXY's by EPA 8020/8260 (soil)

These samples were received by CLS Labs in a chilled, intact state and accompanied by a valid chain of custody document.

Calibrations for analytical testing have been performed in accordance to and pass the EPA's criteria for acceptability.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,

James Liang, Ph.D.
Laboratory Director

Analysis Report: Lead, EPA Method 6010

Client: APEX Envirotech Inc.
5330 Primrose Dr.
#100
Fair Oaks, CA 95628

Project No.: NWP01.001
Contact: Kasey Jones
Phone: (916) 535-0200

Project: Bernard's

Date Sampled: 06/12/2002
Date Received: 06/13/2002
Date Extracted: 06/18/2002
Date Analyzed: 06/20/2002
Date Reported: 06/21/2002

Lab Contact: James Liang
Lab ID No.: T8713
Job No.: 848713
COC Log No.: 26636
Batch No.: M020618A
Instrument ID: IP004
Analyst ID: SCOTT
Matrix: SOIL

ANALYTICAL RESULTS

Lab / Client ID Analyte	CAS No.	Results (mg/kg)	Rep. Limit (mg/kg)	Dilution (factor)
8A / Composite SP-1A,1B,1C Pb (Lead)	7439921	7.6	2.5	1.0

ND = Not detected at or above indicated Reporting Limit

Analysis Report: TPH Diesel by DHS Method - M8015 (Soil)

Client: APEX Envirotech Inc.
5330 Primrose Dr.
#100
Fair Oaks, CA 95628

Project No.: NWP01.001
Contact: Kasey Jones
Phone: (916) 535-0200

Project: Bernard's

Date Sampled: 06/12/2002
Date Received: 06/13/2002
Date Extracted: 06/17/2002
Date Analyzed: 06/18/2002
Date Reported: 06/21/2002

Lab Contact: James Liang
Lab ID No.: T8713
Job No.: 848713
COC Log No.: 26636
Batch No.: E03292
Instrument ID: PGC04
Analyst ID: NGOCDUNG
Matrix: SOIL

ANALYTICAL RESULTS

Lab / Client ID Analyte	CAS No.	Results (mg/kg)	Rep. Limit (mg/kg)	Dilution (factor)
1A / GP-1@24' TPH as Diesel	N/A	ND	1.0	1.0
2A / GP-2@24' TPH as Diesel	N/A	ND	1.0	1.0
3A / GP-3@24' TPH as Diesel	N/A	ND	1.0	1.0
4A / GP-4@24' TPH as Diesel	N/A	ND	1.0	1.0
8A / Composite SP-1A,1B,1C TPH as Diesel	N/A	ND	1.0	1.0

ND = Not detected at or above indicated Reporting Limit

Analysis Report: Total Petroleum Hydrocarbons, EPA Method 8015
Purge and Trap, EPA Method 5030

Client: APEX Envirotech Inc.
5330 Primrose Dr.
#100
Fair Oaks, CA 95628

Project No.: NWP01.001
Contact: Kasey Jones
Phone: (916) 535-0200

Project: Bernard's

Date Sampled: 06/12/2002
Date Received: 06/13/2002
Date Extracted: 06/14/2002
Date Analyzed: 06/17/2002
Date Reported: 06/19/2002

Lab Contact: James Liang
Lab ID No.: T8713
Job No.: 848713
COC Log No.: 26636
Batch No.: 33079
Instrument ID: GC018
Analyst ID: JENNDJ
Matrix: SOIL

SURROGATE

Analyte	CAS No.	Results (mg/kg)	Surr Conc. (mg/kg)	Surrogate Recovery (percent)	Lower Spec (Limit)	Upper Spec (Limit)
1A / GP-1@24'						
o-Chlorotoluene	95498	0.111	0.100	111	70	130
2A / GP-2@24'						
o-Chlorotoluene	95498	0.113	0.100	113	70	130
3A / GP-3@24'						
o-Chlorotoluene	95498	0.107	0.100	107	70	130
4A / GP-4@24'						
o-Chlorotoluene	95498	0.113	0.100	113	70	130
8A / Composite SP-1A,1B,1C						
o-Chlorotoluene	95498	0.113	0.100	113	70	130

ANALYTICAL RESULTS

Lab / Client ID Analyte	CAS No.	Results (mg/kg)	Rep. Limit (mg/kg)	Dilution (factor)
1A / GP-1@24'				
TPH as Gasoline	N/A	ND	1.0	1.0
2A / GP-2@24'				
TPH as Gasoline	N/A	ND	1.0	1.0
3A / GP-3@24'				
TPH as Gasoline	N/A	ND	1.0	1.0
4A / GP-4@24'				
TPH as Gasoline	N/A	ND	1.0	1.0
8A / Composite SP-1A,1B,1C				
TPH as Gasoline	N/A	ND	1.0	1.0

ND = Not detected at or above indicated Reporting Limit

Analysis Report: BTEX, EPA Method 8020
Purge and Trap, EPA Method 5030

Client: APEX Envirotech Inc.
5330 Primrose Dr.
#100
Fair Oaks, CA 95628

Project No.: NWP01.001
Contact: Kasey Jones
Phone: (916) 535-0200

Project: Bernard's

Date Sampled: 06/12/2002
Date Received: 06/13/2002
Date Extracted: 06/14/2002
Date Analyzed: 06/17/2002
Date Reported: 06/19/2002

Lab Contact: James Liang
Lab ID No.: T8713
Job No.: 848713
COC Log No.: 26636
Batch No.: 33079
Instrument ID: GC018
Analyst ID: JEMNDC
Matrix: SOIL

SURROGATE

Analyte	CAS No.	Results (mg/kg)	Surr Conc. (mg/kg)	Surrogate Recovery (percent)	Lower Spec (Limit)	Upper Spec (Limit)
1A / GP-1@24'						
o-Chlorotoluene	95498	0.110	0.100	110	65	135
2A / GP-2@24'						
o-Chlorotoluene	95498	0.109	0.100	109	65	135
3A / GP-3@24'						
o-Chlorotoluene	95498	0.114	0.100	114	65	135
4A / GP-4@24'						
o-Chlorotoluene	95498	0.108	0.100	108	65	135
8A / Composite SP-1A,1B,1C						
o-Chlorotoluene	95498	0.108	0.100	108	65	135

ANALYTICAL RESULTS

Lab / Client ID Analyte	CAS No.	Results (mg/kg)	Rep. Limit (mg/kg)	Dilution (factor)
1A / GP-1@24'				
Benzene	71432	ND	0.0050	1.0
Toluene	108883	ND	0.0050	1.0
Ethylbenzene	100414	ND	0.0050	1.0
Xylenes, total	1330207	ND	0.010	1.0
2A / GP-2@24'				
Benzene	71432	ND	0.0050	1.0
Toluene	108883	ND	0.0050	1.0
Ethylbenzene	100414	ND	0.0050	1.0
Xylenes, total	1330207	ND	0.010	1.0
3A / GP-3@24'				
Benzene	71432	ND	0.0050	1.0
Toluene	108883	ND	0.0050	1.0
Ethylbenzene	100414	ND	0.0050	1.0
Xylenes, total	1330207	ND	0.010	1.0
4A / GP-4@24'				
Benzene	71432	ND	0.0050	1.0
Toluene	108883	ND	0.0050	1.0
Ethylbenzene	100414	ND	0.0050	1.0
Xylenes, total	1330207	ND	0.010	1.0
8A / Composite SP-1A,1B,1C				
Benzene	71432	ND	0.0050	1.0
Toluene	108883	ND	0.0050	1.0
Ethylbenzene	100414	ND	0.0050	1.0
Xylenes, total	1330207	ND	0.010	1.0

ND = Not detected at or above indicated Reporting Limit

Analysis Report: Volatile Organics (Oxygenates) by Capillary GC/MS, EPA 8260B-Modified

Client: APEX Envirotech Inc.
5330 Primrose Dr.
#100
Fair Oaks, CA 95628

Project No.: NWP01.001
Contact: Kasey Jones
Phone: (916) 535-0200

Project: Bernard's

Date Sampled: 06/12/2002
Date Received: 06/13/2002
Date Extracted: 06/17/2002
Date Analyzed: 06/17/2002
Date Reported: 06/19/2002

Lab Contact: James Liang
Lab ID No.: T8713
Job No.: 848713
COC Log No.: 26636
Batch No.: 33081
Instrument ID: MS02
Analyst ID: DAVIDC
Matrix: SOIL

SURROGATE

Analyte	CAS No.	Results (ug/kg)	Surr Conc. (ug/kg)	Surrogate Recovery (percent)	Lower Spec (Limit)	Upper Spec (Limit)
1A / GP-1@24'						
Toluene-d8	N/A	48.5	50.0	97	60	140
2A / GP-2@24'						
Toluene-d8	N/A	46.9	50.0	94	60	140
3A / GP-3@24'						
Toluene-d8	N/A	46.7	50.0	93	60	140
4A / GP-4@24'						
Toluene-d8	N/A	43.6	50.0	87	60	140
8A / Composite	SP-1A, 1B, 1C					
Toluene-d8	N/A	45.7	50.0	91	60	140

ANALYTICAL RESULTS

Lab / Client ID Analyte	CAS No.	Results (ug/kg)	Rep. Limit (ug/kg)	Dilution (factor)
1A / GP-1@24'				
Di-isopropyl ether	108203	ND	5.0	1.0
Ethyl Tertiary Butyl Ether	637923	ND	5.0	1.0
Methyl t-butyl ether	1634044	ND	5.0	1.0
Tertiary Amyl Methyl Ether	994058	ND	5.0	1.0
Tertiary Butyl Alcohol	75650	ND	50	1.0
2A / GP-2@24'				
Di-isopropyl ether	108203	ND	5.0	1.0
Ethyl Tertiary Butyl Ether	637923	ND	5.0	1.0
Methyl t-butyl ether	1634044	ND	5.0	1.0
Tertiary Amyl Methyl Ether	994058	ND	5.0	1.0
Tertiary Butyl Alcohol	75650	ND	50	1.0
3A / GP-3@24'				
Di-isopropyl ether	108203	ND	5.0	1.0
Ethyl Tertiary Butyl Ether	637923	ND	5.0	1.0
Methyl t-butyl ether	1634044	ND	5.0	1.0
Tertiary Amyl Methyl Ether	994058	ND	5.0	1.0
Tertiary Butyl Alcohol	75650	ND	50	1.0
4A / GP-4@24'				
Di-isopropyl ether	108203	ND	5.0	1.0
Ethyl Tertiary Butyl Ether	637923	ND	5.0	1.0
Methyl t-butyl ether	1634044	ND	5.0	1.0
Tertiary Amyl Methyl Ether	994058	ND	5.0	1.0
Tertiary Butyl Alcohol	75650	ND	50	1.0

Analysis Report: Volatile Organics (Oxygenates) by Capillary GC/MS, EPA 8260B-Modified

Client: APEX Envirotech Inc.
5330 Primrose Dr.
#100
Fair Oaks, CA 95628

Project No.: NWP01.001
Contact: Kasey Jones
Phone: (916) 535-0200

Project: Bernard's

Lab Contact: James Liang
Lab ID No.: T8713
Job No.: 848713
COC Log No.: 26636
Batch No.: 33081
Instrument ID: MS02
Analyst ID: DAVIDC
Matrix: SOIL

Date Sampled: 06/12/2002
Date Received: 06/13/2002
Date Extracted: 06/17/2002
Date Analyzed: 06/17/2002
Date Reported: 06/19/2002

ANALYTICAL RESULTS

Lab / Client ID Analyte	CAS No.	Results (ug/kg)	Rep. Limit (ug/kg)	Dilution (factor)
8A / Composite SP-1A,1B,1C				
Di-isopropyl ether	108203	ND	5.0	1.0
Ethyl Tertiary Butyl Ether	637923	ND	5.0	1.0
Methyl t-butyl ether	1634044	ND	5.0	1.0
Tertiary Amyl Methyl Ether	994058	ND	5.0	1.0
Tertiary Butyl Alcohol	75650	ND	50	1.0

ND = Not detected at or above indicated Reporting Limit

REPORT TO:		CLIENT JOB NUMBER		ANALYSIS REQUESTED				FIELD CONDITIONS:			
NAME AND ADDRESS APEX ENVIROTECH 5330 Primrose Dr #100 FAIR OAKS CA		NWPO1.001 DESTINATION LABORATORY		PRESERVATIVES							
PROJECT MANAGER KASEY JONES PHONE# 916-535-0200		<input checked="" type="checkbox"/> CLS (916) 638-7301 3249 FITZGERALD RD. RANCHO CORDOVA, CA. 95742									
PROJECT NAME New West		<input type="checkbox"/> OTHER		TPHd 8015 TPHg 8015 BTEX 8020 MTBE 1,2 DCA 8260B 5 oxygenate 8260B							
SAMPLED BY											
JOB DESCRIPTION Soil Borings								COMPOSITE:			
SITE LOCATION 1051 Airway Blvd, Livermore CA								TURN AROUND TIME		SPECIAL INSTRUCTIONS	
								1 DAY		MTBE Detection Limit < 1 Silica Gel Clean-up	
								2 DAY			
								5 DAY			
								10 DAY			
DATE	TIME	SAMPLE IDENTIFICATION	MATRIX	CONTAINER NO.	TYPE						
6-12-02	11:30	GP-1	H ₂ O	3	VOA's						
	13:00	GP-2		3	VOAs						
	11:30	GP-1		1	Amber						
	13:00	GP-2		1	Amber						
	14:30	GP-3		3	VOA's						
	16:00	GP-4		3	VOA'S						
SUSPECTED CONSTITUENTS						SAMPLE RETENTION TIME		PRESERVATIVES: (1) HCL (2) HNO ₃ (3) = COLD (4)			
RELINQUISHED BY (SIGN)		PRINT NAME / COMPANY		DATE / TIME		RECEIVED BY (SIGN)		PRINT NAME / COMPANY			
		Rebekah Apex ENVIROTECH		6/13/02 0930				CORNWELL CO/CLS			
		CLS		6/13/02 0930							
REC'D AT LAB BY		DATE / TIME		CONDITIONS / COMMENTS:							
		6/13/02 930									
SHIPPED BY:		<input type="checkbox"/> FED X		<input type="checkbox"/> UPS		<input checked="" type="checkbox"/> OTHER <u>CLD</u>		AIR BILL #			

IAR



APEX Envirotech Inc.
5330 Primrose Dr.
#100
Fair Oaks, CA 95628

06/20/2002

Attention: Kasey Jones

Reference: Analytical Results

Project Name: New West
Project No.: NWP01.001
Date Received: 06/13/2002
Chain Of Custody: 27738

CLS ID No.: T8714
CLS Job No.: 848714

The following analyses were performed on the above referenced project:

<u>No. of Samples</u>	<u>Turnaround Time</u>	<u>Analysis Description</u>
2	5 Days	TPH Diesel by DHS Method - M8015 (water)
4	5 Days	G/BTEX/5 OXY's by EPA 8020/8260 (water)

These samples were received by CLS Labs in a chilled, intact state and accompanied by a valid chain of custody document.

Calibrations for analytical testing have been performed in accordance to and pass the EPA's criteria for acceptability.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,

James Liang, Ph.D.
Laboratory Director

CALIFORNIA LABORATORY SERVICES

Analysis Report: BTEX, EPA Method 8020
Purge and Trap, EPA Method 5030

Client: APEX Envirotech Inc.
5330 Primrose Dr.
#100
Fair Oaks, CA 95628

Project No.: NWP01.001
Contact: Kasey Jones
Phone: (916) 535-0200

Project: New West

Date Sampled: 06/12/2002
Date Received: 06/13/2002
Date Extracted: N/A
Date Analyzed: 06/14/2002
Date Reported: 06/18/2002

Lab Contact: James Liang
Lab ID No.: T8714
Job No.: 848714
COC Log No.: 27738
Batch No.: 33072
Instrument ID: GC007
Analyst ID: DAVIDC
Matrix: WATER

SURROGATE

Analyte	CAS No.	Results (ug/L)	Surr Conc. (ug/L)	Surrogate Recovery (percent)	Lower Spec (Limit)	Upper Spec (Limit)
1A / GP-1						
o-Chlorotoluene	95498	20.7	20.0	103	65	135
2A / GP-2						
o-Chlorotoluene	95498	20.6	20.0	103	65	135
3A / GP-3						
o-Chlorotoluene	95498	20.7	20.0	103	65	135
4A / GP-4						
o-Chlorotoluene	95498	20.5	20.0	102	65	135

ANALYTICAL RESULTS

Lab / Client ID Analyte	CAS No.	Results (ug/L)	Rep. Limit (ug/L)	Dilution (factor)
1A / GP-1				
Benzene	71432	ND	0.50	1.0
Toluene	108883	ND	0.50	1.0
Ethylbenzene	100414	ND	0.50	1.0
Xylenes, total	1330207	ND	1.0	1.0
2A / GP-2				
Benzene	71432	ND	0.50	1.0
Toluene	108883	ND	0.50	1.0
Ethylbenzene	100414	ND	0.50	1.0
Xylenes, total	1330207	ND	1.0	1.0
3A / GP-3				
Benzene	71432	ND	0.50	1.0
Toluene	108883	ND	0.50	1.0
Ethylbenzene	100414	ND	0.50	1.0
Xylenes, total	1330207	ND	1.0	1.0
4A / GP-4				
Benzene	71432	ND	0.50	1.0
Toluene	108883	ND	0.50	1.0
Ethylbenzene	100414	ND	0.50	1.0
Xylenes, total	1330207	ND	1.0	1.0

ND = Not detected at or above indicated Reporting Limit

Analysis Report: Volatile Organics (Oxygenates) by Capillary GC/MS, EPA 8260B- Modified

Client: APEX Envirotech Inc.
5330 Primrose Dr.
#100
Fair Oaks, CA 95628

Project No.: NWP01.001
Contact: Kasey Jones
Phone: (916) 535-0200

Project: New West

Date Sampled: 06/12/2002
Date Received: 06/13/2002
Date Extracted: N/A
Date Analyzed: 06/14/2002
Date Reported: 07/16/2002

Lab Contact: James Liang
Lab ID No.: T8714
Job No.: 848714
COC Log No.: 27738
Batch No.: 33075
Instrument ID: MS04
Analyst ID: SOBASHN
Matrix: WATER

SURROGATE

Analyte	CAS No.	Results (ug/L)	Surr Conc. (ug/L)	Surrogate Recovery (percent)	Lower Spec (Limit)	Upper Spec (Limit)
1A / GP-1 Toluene-d8	N/A	52.2	50.0	104	72	125
2A / GP-2 Toluene-d8	N/A	49.1	50.0	98	72	125
3A / GP-3 Toluene-d8	N/A	48.0	50.0	96	72	125
4A / GP-4 Toluene-d8	N/A	48.8	50.0	98	72	125

ANALYTICAL RESULTS

Lab / Client ID Analyte	CAS No.	Results (ug/L)	Rep. Limit (ug/L)	Dilution (factor)
1A / GP-1				
1,2-Dichloroethane	107062	ND	5.0	1.0
Di-isopropyl ether	108203	ND	5.0	1.0
Ethyl Tertiary Butyl Ether	637923	ND	5.0	1.0
Methyl t-butyl ether	1634044	110	5.0	1.0
Tertiary Amyl Methyl Ether	994058	ND	5.0	1.0
Tertiary Butyl Alcohol	75650	ND	50	1.0
2A / GP-2				
1,2-Dichloroethane	107062	ND	5.0	1.0
Di-isopropyl ether	108203	ND	5.0	1.0
Ethyl Tertiary Butyl Ether	637923	ND	5.0	1.0
Methyl t-butyl ether	1634044	100	5.0	1.0
Tertiary Amyl Methyl Ether	994058	ND	5.0	1.0
Tertiary Butyl Alcohol	75650	ND	50	1.0
3A / GP-3				
1,2-Dichloroethane	107062	ND	5.0	1.0
Di-isopropyl ether	108203	ND	5.0	1.0
Ethyl Tertiary Butyl Ether	637923	ND	5.0	1.0
Methyl t-butyl ether	1634044	280	10	2.0
Tertiary Amyl Methyl Ether	994058	6.5	5.0	1.0
Tertiary Butyl Alcohol	75650	ND	50	1.0
4A / GP-4				
1,2-Dichloroethane	107062	ND	2.0	1.0
Di-isopropyl ether	108203	ND	2.0	1.0
Ethyl Tertiary Butyl Ether	637923	ND	2.0	1.0
Methyl t-butyl ether	1634044	4.3	2.0	1.0
Tertiary Amyl Methyl Ether	994058	ND	2.0	1.0
Tertiary Butyl Alcohol	75650	ND	30	1.0

ND = Not detected at or above indicated Reporting Limit

CALIFORNIA LABORATORY SERVICES

Environmental
Chemistry 

Analysis Report: TPH Diesel by DHS Method - M8015 (Water)
Separatory Funnel, EPA Method 3510 Silica Gel Clean Up

Client: APEX Envirotech Inc.
5330 Primrose Dr.
#100
Fair Oaks, CA 95628

Project No.: NWP01.001
Contact: Kasey Jones
Phone: (916) 535-0200

Project: New West

Date Sampled: 06/12/2002
Date Received: 06/13/2002
Date Extracted: 06/14/2002
Date Analyzed: 06/17/2002
Date Reported: 06/19/2002

Lab Contact: James Liang
Lab ID No.: T8714
Job No.: 848714
COC Log No.: 27738
Batch No.: E03284
Instrument ID: PGC06
Analyst ID: NGOCDUNG
Matrix: WATER

ANALYTICAL RESULTS

Lab / Client ID Analyte	CAS No.	Results (mg/L)	Rep. Limit (mg/L)	Dilution (factor)
1B / GP-1 TPH as Diesel	N/A	ND	0.050	1.0
2B / GP-2 TPH as Diesel	N/A	ND	0.050	1.0

ND = Not detected at or above indicated Reporting Limit

CALIFORNIA LABORATORY SERVICES

Analysis Report: Total Petroleum Hydrocarbons, EPA Method 8015
Purge and Trap, EPA Method 5030

Client: APEX Envirotech Inc.
5330 Primrose Dr.
#100
Fair Oaks, CA 95628

Project No.: NWP01.001
Contact: Kasey Jones
Phone: (916) 535-0200

Project: New West

Lab Contact: James Liang
Lab ID No.: T8714
Job No.: 848714
COC Log No.: 27738
Batch No.: 33072
Instrument ID: GC007
Analyst ID: DAVIDC
Matrix: WATER

Date Sampled: 06/12/2002
Date Received: 06/13/2002
Date Extracted: N/A
Date Analyzed: 06/14/2002
Date Reported: 06/18/2002

SURROGATE

Analyte	CAS No.	Results (ug/L)	Surr Conc. (ug/L)	Surrogate Recovery (percent)	Lower Spec (Limit)	Upper Spec (Limit)
1A / GP-1						
o-Chlorotoluene	95498	21.4	20.0	107	65	135
2A / GP-2						
o-Chlorotoluene	95498	21.4	20.0	107	65	135
3A / GP-3						
o-Chlorotoluene	95498	21.3	20.0	107	65	135
4A / GP-4						
o-Chlorotoluene	95498	20.3	20.0	102	65	135

ANALYTICAL RESULTS

Lab / Client ID Analyte	CAS No.	Results (ug/L)	Rep. Limit (ug/L)	Dilution (factor)
1A / GP-1				
TPH as Gasoline	N/A	ND	50	1.0
2A / GP-2				
TPH as Gasoline	N/A	ND	50	1.0
3A / GP-3				
TPH as Gasoline	N/A	ND	50	1.0
4A / GP-4				
TPH as Gasoline	N/A	ND	50	1.0

ND = Not detected at or above indicated Reporting Limit

Report To:

Client Job Number

NWPD1-001

ANALYSIS REQUESTED

FIELD CONDITIONS:

Hot 100°F, clear

Name and Address Apex Envirotech, Inc.

5330 Primrose Drive, Suite 100

Fair Oaks, CA 95628

Project Manager Mike Sgourakis

Project Name

Sampled By Nick Labedzki (M)

Job Description Stockpile Composite Sampling; 1051 Airway Blvd

Site Location LIVERMORE, CA

Destination Laboratory

CLS (916) 638-7301
3249 Fitzgerald Road
Rancho Cordova, CA 95742

OTHER

PRESERVATIVES

T P H g 8 0 1 5 0 M
 B T X 8 0 2 5 0
 5 T O X g e a t e s 8 2 6 0
 T L C L e a d

COMPOSITE: 3 separate samples!
Please composite:

COMP A 1, 2, 3, 4 = COMP A
COMP B 1, 2, 3, 4 = COMP B
COMP C 1, 2, 3, 4 = COMP C

TURNAROUND TIME IN DAYS

SPECIAL INSTRUCTIONS

DATE	TIME	SAMPLE		CONTAINER		PRESERVATIVES	T	P	H	g	8	0	1	5	0	M	5	T	L	C	L	e	a	d	s	8	2	6	0	
		IDENTIFICATION	MATRIX	NO.	TYPE																									
06/04	1327	COMP A	1, 2, 3, 4	Soil	4	BS	3	X	X	X	X	X																		
06/04	1341	COMP B	1, 2, 3, 4	Soil	4	BS	3	↓	↓	↓	↓	↓																		
06/04	1352	COMP C	1, 2, 3, 4	Soil	4	BS	3	↓	↓	↓	↓	↓																		

INVOICE TO:

PO#

QUOTE#

SUSPECTED CONSTITUENTS

SAMPLE RETENTION TIME

PRESERVATIVES (1) HCL (3) COLD
(2) HNO₃ (4)

RELINQUISHED BY (SIGN) [Signature]

PRINT NAME/COMPANY NICK LABEDZKI APEX

DATE/TIME 6/4/02 1700

RECEIVED BY (SIGN) [Signature]

PRINT NAME/COMPANY SA. CL

RECEIVED AT LAB BY: [Signature]

DATE/TIME: 6/5/02 1100

CONDITIONS/COMMENTS:

SHIPPED BY:

FED-EX UPS OTHER elsewhere

AIR BILL #

APEX Envirotech Inc.
5330 Primrose Dr.
#100
Fair Oaks, CA 95628

06/10/2002

Attention: Mike Sgourakis

Reference: Analytical Results

Project Name:
Project No.:
Date Received: 06/05/2002
Chain Of Custody: NO NUMBER

CLS ID No.: T8480
CLS Job No.: 8480

The following analyses were performed on the above referenced project:

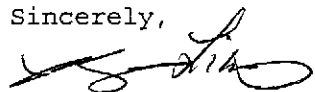
<u>No. of Samples</u>	<u>Turnaround Time</u>	<u>Analysis Description</u>
3	1 Day	Lead by EPA Method 6010
3	1 Day	TPH Gasoline, BTXE & Oxygenates (5)

These samples were received by CLS Labs in a chilled, intact state and accompanied by a valid chain of custody document.

Calibrations for analytical testing have been performed in accordance to and pass the EPA's criteria for acceptability.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,



James Liang, Ph.D.
Laboratory Director

CALIFORNIA LABORATORY SERVICES

Environmental
Chemistry 

Analysis Report: Lead, EPA Method 6010

Client: APEX Envirotech Inc.
5330 Primrose Dr.
#100
Fair Oaks, CA 95628

Project No.:
Contact: Mike Sgourakis
Phone: (916) 535-0200

Project:

Date Sampled: 06/04/2002
Date Received: 06/05/2002
Date Extracted: 06/05/2002
Date Analyzed: 06/06/2002
Date Reported: 06/06/2002

Lab Contact: James Liang
Lab ID No.: T8480
Job No.: 8480
COC Log No.: NO NUMBER
Batch No.: M020605B
Instrument ID: IP004
Analyst ID: ANTHONYG
Matrix: SOIL

ANALYTICAL RESULTS

Lab / Client ID Analyte	CAS No.	Results (mg/kg)	Rep. Limit (mg/kg)	Dilution (factor)
5A / COMP A (1-4) Pb (Lead)	7439921	9.6	2.5	1.0
10A / COMP B (1-4) Pb (Lead)	7439921	3.4	2.5	1.0
15A / COMP C (1-4) Pb (Lead)	7439921	8.1	2.5	1.0

ND = Not detected at or above indicated Reporting Limit

CALIFORNIA LABORATORY SERVICES

Analysis Report: BTEX, EPA Method 8020
Purge and Trap, EPA Method 5030

Client: APEX Envirotech Inc.
5330 Primrose Dr.
#100
Fair Oaks, CA 95628

Project No.:
Contact: Mike Sgourakis
Phone: (916) 535-0200

Project:

Date Sampled: 06/04/2002
Date Received: 06/05/2002
Date Extracted: 06/05/2002
Date Analyzed: 06/05/2002
Date Reported: 06/06/2002

Lab Contact: James Liang
Lab ID No.: T8480
Job No.: 8480
COC Log No.: NO NUMBER
Batch No.: 33013
Instrument ID: GC018
Analyst ID: JENND
Matrix: SOIL

SURROGATE

Analyte	CAS No.	Results (mg/kg)	Surr Conc. (mg/kg)	Surrogate Recovery (percent)	Lower Spec (Limit)	Upper Spec (Limit)
5A / COMP A (1-4)						
o-Chlorotoluene	95498	0.101	0.100	101	65	135
10A / COMP B (1-4)						
o-Chlorotoluene	95498	0.103	0.100	103	65	135
15A / COMP C (1-4)						
o-Chlorotoluene	95498	0.108	0.100	108	65	135

ANALYTICAL RESULTS

Lab / Client ID Analyte	CAS No.	Results (mg/kg)	Rep. Limit (mg/kg)	Dilution (factor)
5A / COMP A (1-4)				
Benzene	71432	ND	0.0050	1.0
Toluene	108883	ND	0.0050	1.0
Ethylbenzene	100414	ND	0.0050	1.0
Xylenes, total	1330207	ND	0.010	1.0
10A / COMP B (1-4)				
Benzene	71432	ND	0.0050	1.0
Toluene	108883	ND	0.0050	1.0
Ethylbenzene	100414	ND	0.0050	1.0
Xylenes, total	1330207	ND	0.010	1.0
15A / COMP C (1-4)				
Benzene	71432	ND	0.0050	1.0
Toluene	108883	ND	0.0050	1.0
Ethylbenzene	100414	ND	0.0050	1.0
Xylenes, total	1330207	ND	0.010	1.0

ND = Not detected at or above indicated Reporting Limit

CALIFORNIA LABORATORY SERVICES

Environmental
Chemistry 

Analysis Report: Total Petroleum Hydrocarbons, EPA Method 8015
Purge and Trap, EPA Method 5030

Client: APEX Envirotech Inc.
5330 Primrose Dr.
#100
Fair Oaks, CA 95628

Project No.:
Contact: Mike Sgourakis
Phone: (916) 535-0200

Project:

Date Sampled: 06/04/2002
Date Received: 06/05/2002
Date Extracted: 06/05/2002
Date Analyzed: 06/05/2002
Date Reported: 06/06/2002

Lab Contact: James Liang
Lab ID No.: T8480
Job No.: 8480
COC Log No.: NO NUMBER
Batch No.: 33013
Instrument ID: GC018
Analyst ID: JENNDG
Matrix: SOIL

SURROGATE

Analyte	CAS No.	Results (mg/kg)	Surr Conc. (mg/kg)	Surrogate Recovery (percent)	Lower Spec (Limit)	Upper Spec (Limit)
5A / COMP A (1-4)						
o-Chlorotoluene	95498	0.102	0.100	102	70	130
10A / COMP B (1-4)						
o-Chlorotoluene	95498	0.111	0.100	111	70	130
15A / COMP C (1-4)						
o-Chlorotoluene	95498	0.110	0.100	110	70	130

ANALYTICAL RESULTS

Lab / Client ID Analyte	CAS No.	Results (mg/kg)	Rep. Limit (mg/kg)	Dilution (factor)
5A / COMP A (1-4)				
TPH as Gasoline	N/A	ND	1.0	1.0
10A / COMP B (1-4)				
TPH as Gasoline	N/A	ND	1.0	1.0
15A / COMP C (1-4)				
TPH as Gasoline	N/A	ND	1.0	1.0

ND = Not detected at or above indicated Reporting Limit

CALIFORNIA LABORATORY SERVICES

Environmental
Chemistry 

Analysis Report: Volatile Organics (Oxygenates) by Capillary GC/MS, EPA 8260B- Modified

Client: APEX Envirotech Inc.
5330 Primrose Dr.
#100
Fair Oaks, CA 95628

Project No.:
Contact: Mike Sgourakis
Phone: (916) 535-0200

Project:

Date Sampled: 06/04/2002
Date Received: 06/05/2002
Date Extracted: 06/05/2002
Date Analyzed: 06/05/2002
Date Reported: 06/06/2002

Lab Contact: James Liang
Lab ID No.: T8480
Job No.: 8480
COC Log No.: NO NUMBER
Batch No.: 33012
Instrument ID: MS02
Analyst ID: DAVIDC
Matrix: SOIL

SURROGATE

Analyte	CAS No.	Results (ug/kg)	Surr Conc. (ug/kg)	Surrogate Recovery (percent)	Lower Spec (Limit)	Upper Spec (Limit)
5A / COMP A (1-4)						
Toluene-d8	N/A	34.8	50.0	70	60	140
10A / COMP B (1-4)						
Toluene-d8	N/A	34.6	50.0	69	60	140
15A / COMP C (1-4)						
Toluene-d8	N/A	30.4	50.0	61	60	140

ANALYTICAL RESULTS

Lab / Client ID Analyte	CAS No.	Results (ug/kg)	Rep. Limit (ug/kg)	Dilution (factor)
5A / COMP A (1-4)				
Di-isopropyl ether	108203	ND	5.0	1.0
Ethyl Tertiary Butyl Ether	637923	ND	5.0	1.0
Methyl t-butyl ether	1634044	ND	5.0	1.0
Tertiary Amyl Methyl Ether	994058	ND	5.0	1.0
Tertiary Butyl Alcohol	75650	ND	50	1.0
10A / COMP B (1-4)				
Di-isopropyl ether	108203	ND	5.0	1.0
Ethyl Tertiary Butyl Ether	637923	ND	5.0	1.0
Methyl t-butyl ether	1634044	ND	5.0	1.0
Tertiary Amyl Methyl Ether	994058	ND	5.0	1.0
Tertiary Butyl Alcohol	75650	ND	50	1.0
15A / COMP C (1-4)				
Di-isopropyl ether	108203	ND	5.0	1.0
Ethyl Tertiary Butyl Ether	637923	ND	5.0	1.0
Methyl t-butyl ether	1634044	ND	5.0	1.0
Tertiary Amyl Methyl Ether	994058	ND	5.0	1.0
Tertiary Butyl Alcohol	75650	ND	50	1.0

ND = Not detected at or above indicated Reporting Limit