

September 30, 1997

Mr. Barney Chan Alameda County Health Care Services Department of Environmental Health 1131 Harbor Bay Parkway, Suite 250 Alameda, CA 94502-6577 Chevron Products Company 6001 Bollinger Canyon Road Building L San Ramon, CA 94583 P.O. Box 6004 San Ramon, CA 94583-0904

Marketing - Sales West Phone 510 842-9500

Re:

Chevron Service Station #9-0076

4265 Foothill Blvd. Oakland, California

Dear Mr. Chan:

I am enclosing a copy of the Soil and Groundwater Investigation report prepared by Pacific Environmental Group, Inc. and dated September 23, 1987. This report includes the installation of monitoring wells C-1 through C-4 as requested in your letter of August 21, 1997.

If you have any questions, call me at (510) 842-9136.

Sincerely,

CHEYRON PRODUCTS COMPANY

Philip R. Briggs

Site Assessment and Remediation Project Manager

Enclosure

cc. Bill Scudder, Chevron

97 00T - 2 PH P. 27

X103

PROTECTIONAL 97 AUG 27 PH 3: 04

SETTLER-RYAN INC.

RECEIVE

SOIL AND GROUNDWATER INVESTIGATION

CHEVRON USA STATION #0076

4625 FOOTHILL BOULEVARD AT HIGH STREET

OAKLAND, CALIFORNIA

Submitted to

GETTLER-RYAN INC.

September 23, 1987

Project No. 120-57.01

PACIFIC ENVIRONMENTAL GROUP, INC.

1601 Civic Center Drive, Suite 202, Santa Clara, CA 95050 (408) 984-6536

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SOIL AND GROUNDWATER INVESTIGATION CHEVRON USA STATION #0076 4625 FOOTHILL BOULEVARD AT HIGH STREET OAKLAND, CALIFORNIA

INTRODUCTION

This report presents the results of a soil and groundwater investigation conducted by Pacific Environmental Group, Inc. (PACIFIC) at the Chevron USA service station located at 4625 Foothill Boulevard at High Street in Oakland, California (See Figures 1 and 2).

Background

Based on information provided to us, the site was remodeled recently, and at the time of tank replacement, evidence of product loss was discovered.

The purpose of PACIFIC's investigation was to document soil and groundwater conditions at the site. PACIFIC is not aware of any previous hydrogeologic investigations that have been conducted at the site.

Scope of Work

A total of five soil borings were drilled at the site on August 13 and 14, 1987, and four of these were converted to monitoring wells C-1, C-2, C-3 and C-4. The fifth soil boring is designated Boring C-A. The drilling locations were selected by Chevron and are shown on Figures 2 and 3. The current investigation included installation of the four groundwater monitoring wells, laboratory analysis of soil samples from the five borings, and sampling and analysis of groundwater.

EXPLORATORY DRILLING AND MONITORING WELL INSTALLATION

The exploratory borings were drilled using eight-inch diameter hollow-stem auger drilling equipment and were logged by a PACIFIC geologist using the Unified Soil Classification System and standard geologic techniques. Boring logs are attached to this report. Soil samples for logging and chemical analysis were collected at five-foot depth intervals by advancing a California-modified split-spoon sampler with brass liners into undisturbed soil beyond the tip of the auger. The sampler was driven a maximum of 18 inches, using a 140-pound hammer with a 30-inch drop. The soil samples for chemical analysis were retained in brass liners and were sealed in clean glass containers. These samples were placed on ice for transport to the laboratory accompanied by chain-of-custody documentation, which is attached.

The borings to be completed as wells were advanced approximately 10 feet into the water-bearing zone, to a maximum total depth of 40.5 feet. Boring C-A was advanced to a depth of 25 feet, and was then backfilled with concrete to the ground surface.

Borings C-1 through C-4 were converted to groundwater monitoring wells by installing 3-inch diameter, Schedule 40 PVC casing and 0.020-inch factory-slotted screen. Screen was placed through the entire saturated section, and extends approximately 10 feet above the static water level. Graded sand pack was placed in the annular space across the screened interval, and extends approximately 2 feet above the top of the screens. A bentonite and concrete seal extends from the sand pack to the ground surface. A locking cap and protective vault box were installed on the top of each well. Following well completion, the elevations of the vault boxes of all site monitoring wells were surveyed by Gettler-Ryan to a project datum.

SUBSURFACE CONDITIONS

The exploratory borings at the site encountered predominantly clayey soil to the total depth explored. A clayey sand to clayey gravel was encountered at depths ranging from 6 to 8 feet in Borings C-1, C-2, C-4, and C-A, and extended to a maximum depth of 18 feet. A second clayey sand to clayey gravel unit was encountered at a depth ranging from 28 to 32 feet in Borings C-1, C-2, and C-3, and extended to a maximum depth of 38 feet.

The clayey sand unit extending to a depth of 12 feet in Boring C-A appears to be fill material placed during construction of the station sign. Subsurface conditions are summarized on Figure 4, Cross-Section A-A'.

Groundwater was encountered at an approximate depth of 30 feet, and stabilized at an approximate depth of 27 feet. Groundwater (liquid level) contours based on water or product level data collected on September 1, 1987 indicate that groundwater beneath the site flows to the southwest at an approximate gradient of 0.10 (Figure 3). It is important to note that this is a reflection of piezometric head measured in each of the wells, including Well C-2 (which currently contains floating product as discussed in the analytical results section). Correction for floating product in Well C-2 results in a slightly more southerly groundwater flow direction (still southwest). This flow direction is generally consistent with the regional groundwater flow direction inferred from surface topography and local drainages.

GROUNDWATER SAMPLING

The site monitoring wells were sampled by PACIFIC on September 1, 1987. The sampling procedure consisted of first measuring the water level in each well, and checking each well for the presence of floating petroleum product using a clear Teflon bailer. Free product was detected in Well C-2 only, which was not sampled. The remaining wells were then purged to

dryness using a bladder pump constructed of Teflon and stainless steel materials. During purging, temperature, pH and electrical conductivity were monitored in order to collect a representative sample. After water levels partially restabilized, samples were collected using a Teflon bailer and were placed into appropriate EPA-approved containers. The samples were labeled, logged onto chain-of-custody documents, and transported on ice to the laboratory.

ANALYTICAL RESULTS

Three soil samples from each boring and one groundwater sample from each well were analyzed for total volatile hydrocarbons (calculated as gasoline), and benzene, toluene, and xylene isomers (BTX). The analyses for total volatile hydrocarbons were performed by the purge-and-trap technique with final detection by gas chromatography using a flame ionization detector and a photo-ionization detector. Certified Analytical Reports and chain-of-custody documents are attached to this report. Analytical results are summarized on Table 1.

The soil analyses indicated generally low gasoline concentrations (less than 100 parts per million, ppm) for all samples with the exception of the samples within the 10-foot depth interval in Borings C-A, C-2, and C-4. The gasoline concentrations in these samples were 3,600 ppm, 1,200 ppm, and 580 ppm, respectively.

Well C-2 was found to contain more than two feet of floating product, so no groundwater sample was analyzed. Dissolved gasoline was detected in Wells C-1, C-3, and C-4 at respective concentrations of 22,000 parts per billion (ppb), 250 ppb, and 3,200 ppb.

SUMMARY OF FINDINGS

The following summarizes the findings and conclusions of this investigation:

- o The site is underlain by primarily clayey soils to a depth of 40.5 feet, the maximum total depth explored at the site.
- o Static groundwater occurs at an approximate depth of 27 feet below the site. The gradient at the site is approximately 0.10, with flow toward the southwest.
- o Soil samples from a depth of approximately 10 feet in Borings C-A, C-2, and C-4 were found to contain gasoline at concentrations of 580 ppm or greater.
- o Floating product was found in Well C-2 at a thickness of greater than 2 feet. Dissolved gasoline and BTX compounds were detected in Wells C-1, C-3, and C-4. Dissolved gasoline concentrations ranged from 250 ppb to 22,000 ppb.

If you have any questions concerning the contents of this report, please call.

Very truly yours,

PACIFIC ENVIRONMENTAL GROUP, INC.

Project Geologist

Debra J. Moser Senior Geologist CEG 1293

TABLE 1
Summary of Analytical Results

Groundwater Samples (Sample Date: 9/1/87)

<u>Well</u>	Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Xylenes (ppb)	
C-1	22,000	800	1,000	2,900	
C-2	(floating	g product	detected)		
C-3	250	11	8	7	
C-4	3,200	520	66	130	
Detection Limits	50	1	1	1	

Soil Samples

Boring	Depth	Gasoline	Benzene	Toluene	Xylenes
	<u>(feet)</u>	(ppm)	(ppm)	(ppm)	(ppm)
C-A	8.5-10.0	3,600	33	12	350
	19.0-20.5	63	2.0	0.1	2.0
	23.5-25.0	52	1.8	nd	0.4
C-1	9.0-10.5	nd	nd	nd	nd
	19.0-20.5	nd	nd	nd	nd
	29.0-30.5	nd	nd	nd	nd
C-2	9.0-10.5	1,200	16	54	120
	19.0-20.5	nd	0.07	0.8	nd
	29.0-30.5	48	0.93	0.1	3
C-3	9.0-10.5	7	0.05	nd	0.4
	19.0-20.5	nd	nd	nd	nd
	29.0-30.5	nd	nd	nd	nd
C-4	9.0-10.5	580	3.9	23	46
	19.0-20.5	nd	nd	nd	nd
	29.0-30.5	nd	nd	nd	nd
Detection	on Limits	5	0.05	0.1	0.4

Notes: nd - not detected

ppb - parts per billion
ppm - parts per million



Scale: 1 Inch = 2000 Feet

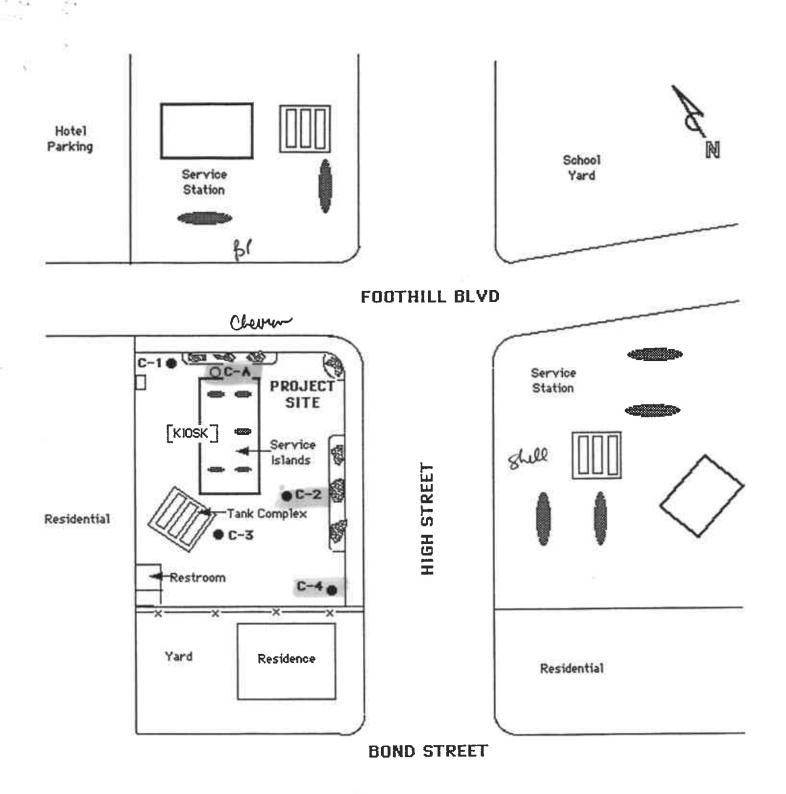
Source: U.S. Geological Survey Topographic Map

PACIFIC ENVIRONMENTAL GROUP, INC. CHEVRON USA SERVICE STATION #0076 FOOTHILL BOULEVARD & HIGH STREET OAKLAND, CALIFORNIA

SITE LOCATION MAP

FIGURE

1
PROJECT NO.
120-57.01



Scale: 1 inch = 60 feet

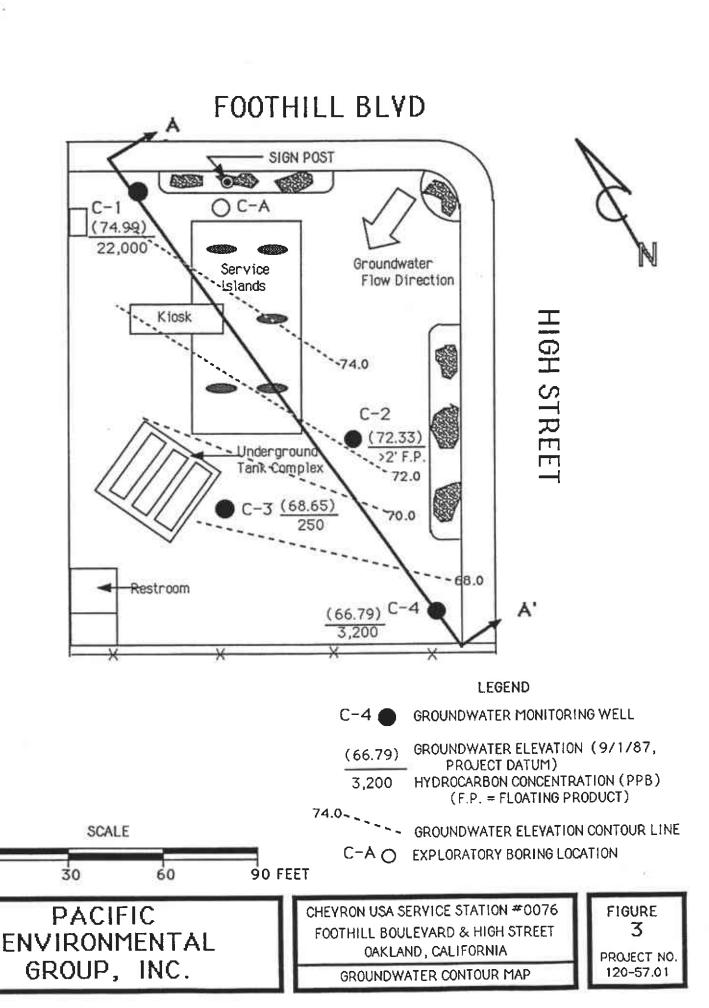
Note: project site is drawn to scale, but scale
in surrounding areas is approximate

PACIFIC ENVIRONMENTAL GROUP, INC.

CHEYRON USA SERVICE STATION #0076 FOOTHILL BOULEYARD AND HIGH STREET OAKLAND, CALIFORNIA

EXTENDED SITE MAP

FIGURE 2 PROJECT NO. 120-57.01

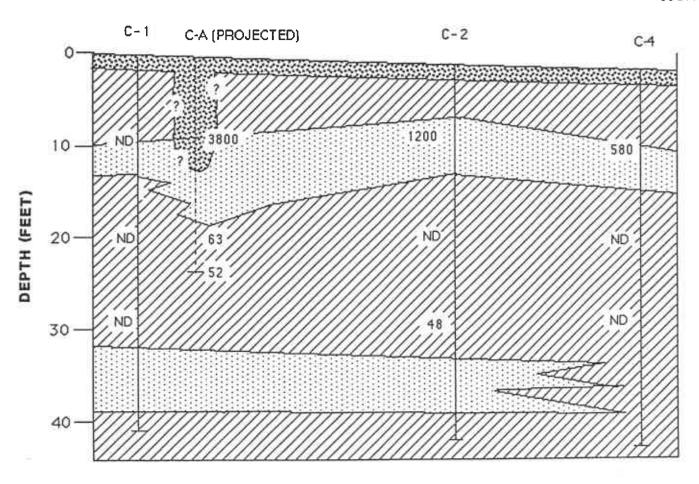




NORTH

A.

SOUTH



NOTE: SEE FIGURE 3 FOR LOCATION OF SECTION

FILL

APPROXIMATE SCALE: 1" = 30" HORIZONTAL

CLAY

1" = 10' YERTICAL (3X EXAGGERATION)

SAND, GRAYEL, CLAYEY SAND AND GRAYEL

HYDROCARBON CONCENTRATIONS (PPM) ARE SHOWN AT THE APPROXIMATE DEPTH INTERVAL ANALYZED.

PACIFIC ENVIRONMENTAL GROUP, INC.

CHEVRON USA SERVICE STATION #0076 FOOTHILL BOULEVARD AND HIGH STREET OAKLAND, CALIFORNIA

CROSS-SECTION A-A'

FIGURE PROJECT NO. 120-57.01

WELL LOG KEY TO ABBREVIATIONS

Drilling Method

Gravel Pack

HSA - Hollow stem auger

CA - Coarse aquarium sand

CFA - Continuous flight auger

Air - Reverse air circulation

Sampling Method

Cal. Mod. - California modified split-spoon sampler (2" inner diameter) driven 18" by a 140-pound hammer having a 30" drop. Where penetration resistance is designated "P",

sampler was instead pushed by drill rig.

Disturbed Sample taken from drill-return materials as they

surfaced.

 Not applicable n/a

Moisture Content Sorting

Plasticity H-NU (ppm)

Dr - Dry PS - Poorly sorted

MS - Moderately sorted M - Moderate

ND - No L - Low

Dp - Damp Mst - Moist

WS - Well sorted

H - High

detection

Wt - Wet

Sat - Saturated

Symbols ▽ - First encountered

Density Sands and gravels Silts and clays

VL - Very loose VS - Very soft

L - Loose

Sft - Soft

MD - Medium dense MSt - Medium Stiff

D - Dense

Stf - Stiff

VD - Very dense

VSt - Very stiff

Hd - Hard

ground water _ - Static ground water ___level

> sample recovery

GRAIN-SIZE SCALE

GRADE LIMITS

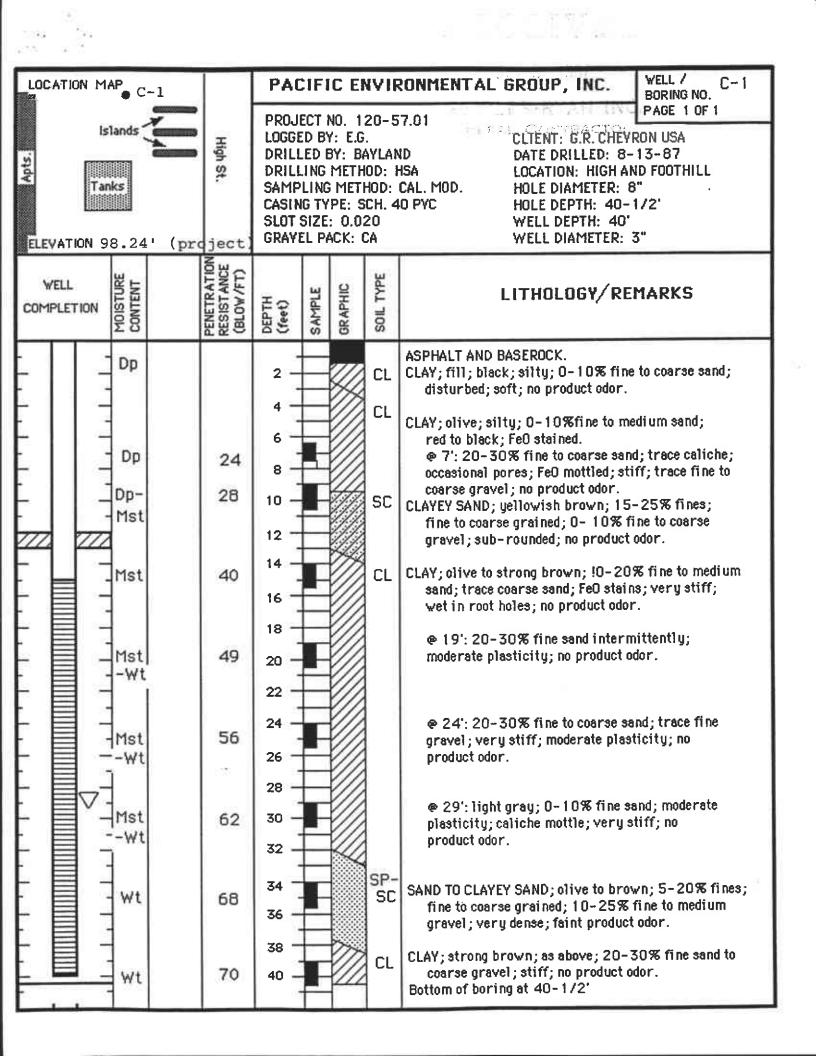
H.S. Standard

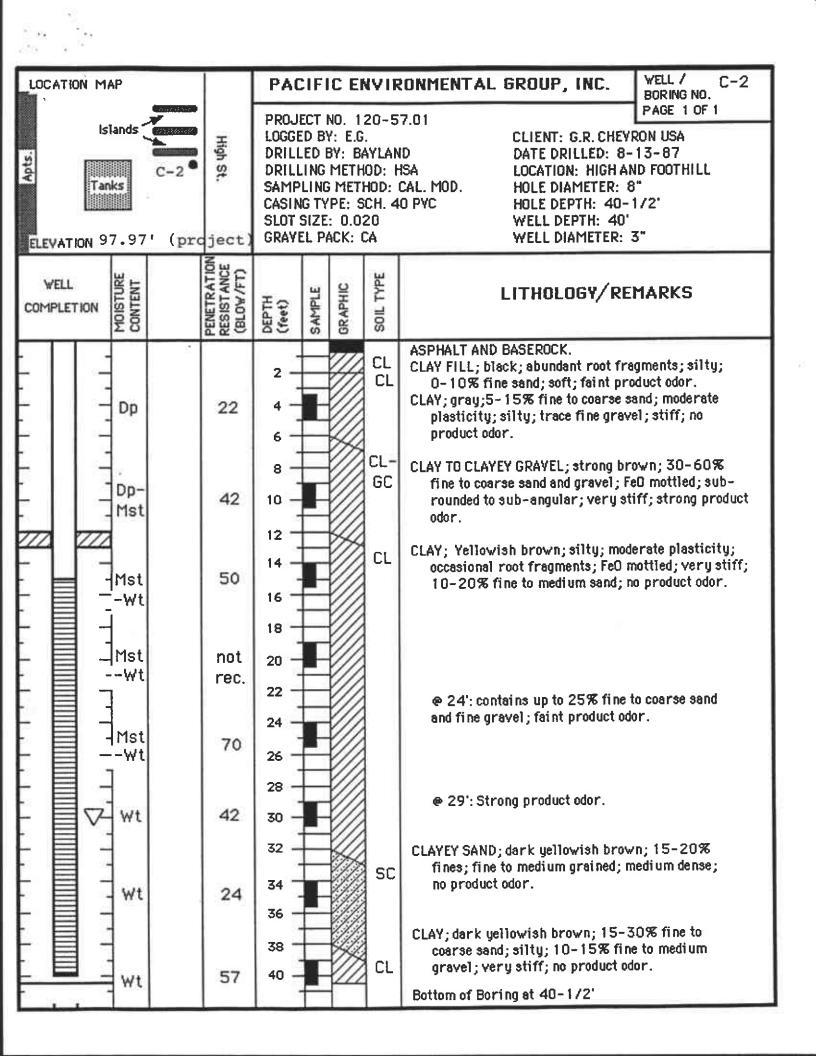
GRADE NAME

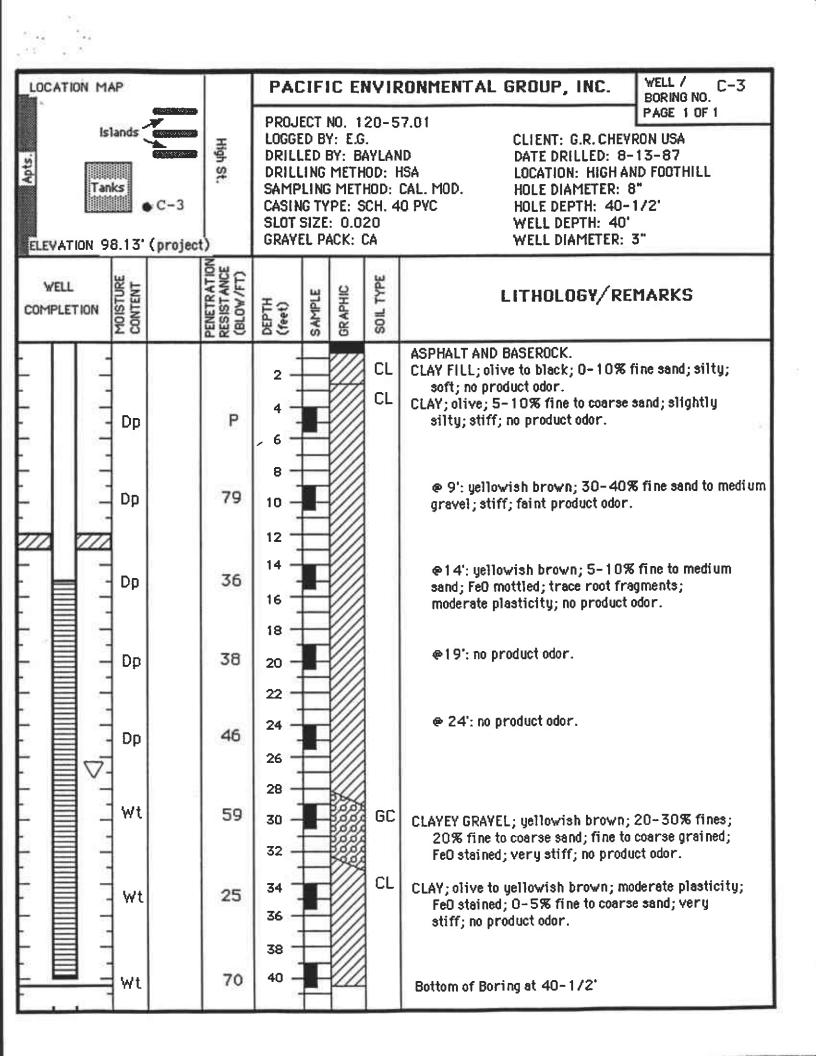
	U.S. Standard	
inches	sieve size	
		Boulders
12.0		Cobbles
3.0	3.0 in	Gravel
0.19	No. 4	
	coarse	
0.08	No. 10	
	medium	Sand
	No. 40	
	fine	
	No. 200	
		Silt
		21 C1
		Clay Size

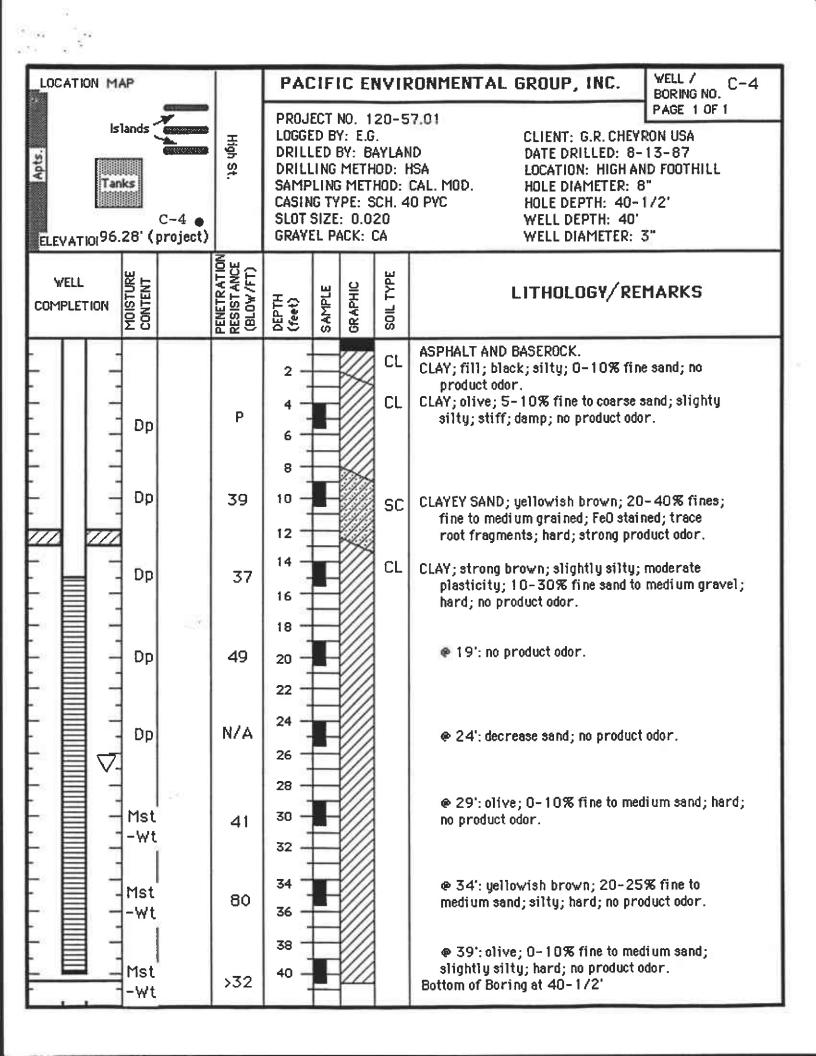
UNIFIED SOIL CLASSIFICATION SYSTEM

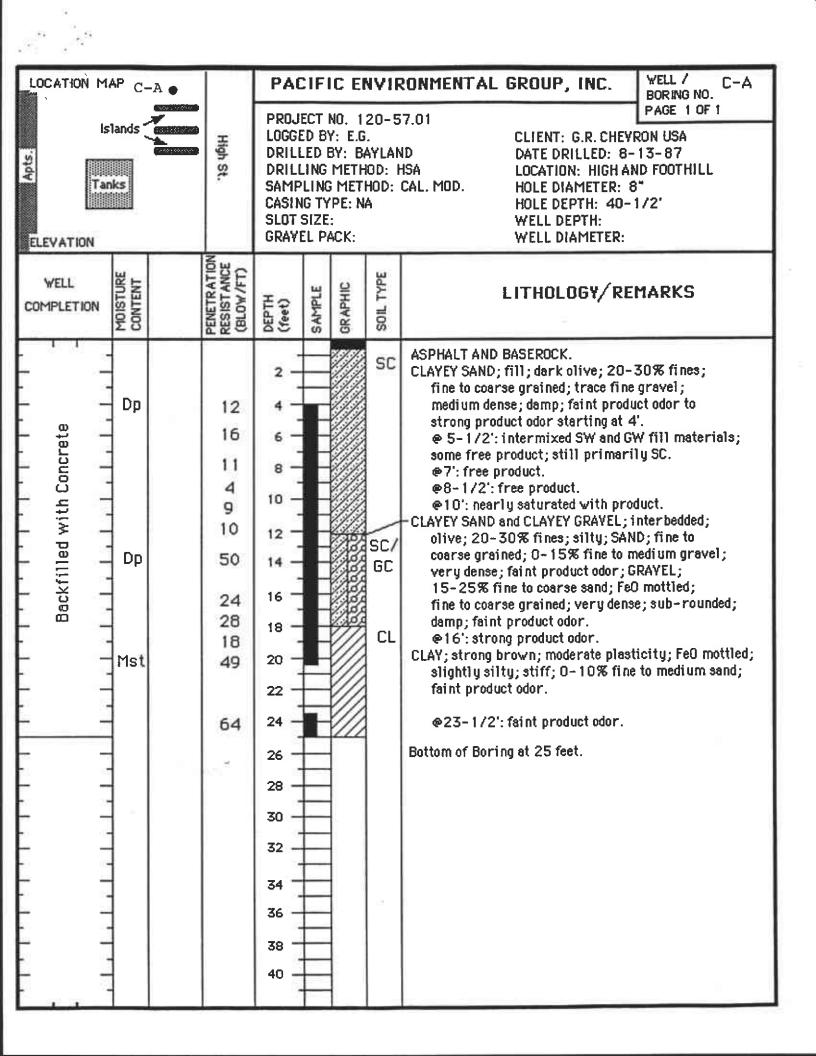
PRIMARY DI	IVISIONS		GROUP SYMBOL	TYPICAL NAMES
COARSE GRAINED SOILS	RAINED half of GRA		GW	Well graded gravels, gravel-sand mixtures; little or no fines
more than	coarse fraction larger than	(less than 5% fines)	GP :	Poorly graded gravels or gravel-sand mixtures; little or no fines
larger than	#4 sieve	GRAVEL WITH	GM	Silty gravels, gravel-sand-silt mixtures
#200 sieve		FINES	GC	Clayey gravels, gravel-sand-clay mixtures
21646	SANDS half of coarse	CLEAN SANDS (less	sw	Well graded sands, gravelly sands, little or no fines
	fraction smaller than # 4	than 5% fines)	SP	Poorly graded sands or gravelly sands, little or no fines
	sieve S/		SM	Silty sands, sand-silt mixtures
		FINES	sc	Clayey sands, sand-clay mixtures, plastic fines
FINE GRAINED SOILS	less than 50%		ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts, with slight plasticity
more than half is smaller			CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays silty clays, lean clays
than #200 sieve			OL	Organic silts and organic silty clays of low plasticity
a *	SILTS AND CLAYS liquid limit more than 50%		нн	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts
			СН	Inorganic clays of high plasticity, fat clays
			он	Organic clays of medium to high plasticity, organic silts
HIGHLY ORG	ANIC SOILS		Pt	Peat and other highly organic soils











ANAMETRIX, INC.

ENVIRONMENTAL • ANALYTICAL CHEMISTRY 2754 AIELLO DRIVE • SAN JOSE, CA 95111 • (408) 629-1132

> September 9, 1987 Work Order Number 8709005 Date Received 9/02/87 PO No. 6880

John Adams
Pacific Environmental Group
1601 Civic Center Dr., Suite 202
Santa Clara, CA 95050

Three water samples were received for analysis of BTX plus low to medium boiling hydrocarbons by gas chromatography, using the following EPA method(s):

ANAMETRIX I.D.	SAMPLE I.D.	METHOD(S)
8709005-01	120~57.01 C-1	5020
-02	" C-3	11
-03	" C-4	n

RESULTS
See enclosed data sheets, Forms 1-1 thru 1-4.

If there is any more that we can do, please give us a call. Thank you for using ANAMETRIX, INC.

Sincerely,

Sarah Schoen, Ph.D.

Fruh Fehren

GC Supervisor

SRS/qp

ORGANIC ANALYSIS DATA SHEET - HYDROCARBON COMPOUNDS

Anametrix I.D. : 8709005-01

Sample I.D. : 120-57.01 C-1
Matrix : WATER
Date sampled : 9-1-87
Date extracted : NA
Date analyzed : 9-4-87 Analyst : \$\delta\$ Supervisor : \$\delta\$ \$ Date released : 9-9-87

Volume extracted : NA

CAS #	Compound Name	Det. Limit (ug/ml) (ug/ml)	Q [
71-43-2 108-88-3 	Benzene Toluene Total Xylenes Gasoline Diesel / Waste Oil Total Oil & Grease	0.001 1.0 0.001 2.9	

For reporting purposes, the following qualifiers (Q) are used:

+ : A value greater than or equal to the method detection limit.

U : The compound was analyzed for but was not detected.

NR: Not requested.

Form 1-1.

ORGANIC ANALYSIS DATA SHEET - HYDROCARBON COMPOUNDS

Sample I.D. : 120-57.01 C-1 DUPLICATE Anametrix I.D. : 8709005-01
Matrix WATER Analyst Analyst Analyst

Analyst : 4 Supervisor : 55 Date released : 9-9-87 Matrix : WATER
Date sampled : 9-1-87 Date extracted : NA

Date analyzed : 9-4-87 Volume extracted : NA

 CAS #	Compound Name	Det. Limit (ug/ml) (ug/ml)	
71-43-2 108-88-3 	Benzene Toluene Total Xylenes Gasoline Diesel / Waste Oil Total Oil & Grease	0.001 0.9 0.001 1.1 0.001 3.3 0.05 24 0.05	+ + + + NR

For reporting purposes, the following qualifiers (Q) are used:

+ : A value greater than or equal to the method detection limit.

U : The compound was analyzed for but was not detected.

NR: Not requested.

ORGANIC ANALYSIS DATA SHEET - HYDROCARBON COMPOUNDS

Anametrix I.D. : 8709005-02

Sample I.D. : 120-57.01 C-3
Matrix : WATER
Date sampled : 9-1-87
Date extracted : NA
Date analyzed : 9-4-87 Analyst : De Supervisor : Supervisor Date released : 9-9-87

Volume extracted : NA

 CAS #	Compound Name	Det. Limit (ug/ml) (ug/ml) Q
71-43-2 108-88-3 	Benzene Toluene Total Xylenes Gasoline Diesel / Waste Oil Total Oil & Grease	0.001 0.011 + 0.001 0.008 + 0.001 0.007 + 0.05 0.25 + 0.05 NR

For reporting purposes, the following qualifiers (Q) are used:

+ : A value greater than or equal to the method detection limit.

U : The compound was analyzed for but was not detected.

NR: Not requested.

Form 1-3.

ORGANIC ANALYSIS DATA SHEET - HYDROCARBON COMPOUNDS

Anametrix I.D. : 8709005-03

 Sample I.D.
 : 120-57.01 C-4

 Matrix
 : WATER

 Date sampled
 : 9-1-87

 Analyst : Ø Supervisor : 805 Date released : 9-9-87 Date extracted : NA

Date analyzed : 9-4-87 Volume extracted : NA

CAS #	Compound Name	Det. Limit (ug/ml) (ug/ml) Q
71-43-2 108-88-3 	Benzene Toluene Total Xylenes Gasoline Diesel / Waste Oil Total Oil & Grease	0.001 0.52 + 0.001 0.066 + 0.001 0.13 + 0.05 3.2 + 0.05 NR

For reporting purposes, the following qualifiers (Q) are used:

+ : A value greater than or equal to the method detection limit.

U : The compound was analyzed for but was not detected.

NR: Not requested.



RECEIVED

SEP 4 1987

PACIFIC EXPERIMENTAL ERGIP, INC.

Pacific Environmental Group, Inc.

August 31, 1987

1601 Civic Center Drive

Suite 202

Santa Clara, CA 95050

ATIN: Erin Garner

Following are the results of analyses on the samples described below.

Project Number:

12Ø-57.Ø1

Lab Numbers: .

\$7-08-158-01 thru \$7-08-158-15

Number of Samples: 15

soil

Sample Type: Date Received:

8/21/87

Analyses Requested: Low Boiling Hydrocarbons

The method of analysis for low boiling hydrocarbons is taken from E.P.A. Methods 8015, 8020 and 5030. The sample is examined using the purge and trap technique. Final detection is by gas chromatography using a flame ionization detector as well as a photoioniozation detector.

The result for total low boiling hydrocarbons is calculated as gasoline and include benzene, toluene, ethyl benzene and xylenes.

FR/ksr

2 Pages Following - Tables of Results

IT/Santa Clara to
Pacific Environmental Group, Inc.
ATTN: Erin Garner

August 31, 1987 Page 1 of 2

Summary of Results

Project Number: 120-57.01

		Parts per Million - (Dry Soil Basis)				
nd = none det		Low Boiling Hydrocarbons			Ethyl benzene	
Number	Sample Identification			Toluene	and xylenes	
						
\$7 - Ø8-158-Ø1	C-A, 8.5-10.0'	3,600.	33,	12.	350.	
<i>\$7-</i> Ø8-158-Ø2	C-A, 19.0-20.5'	63.	2.0	Ø.1	2.0	
s7-Ø8-158-Ø3	C-A, 23.5-25.0'	52.	1.8	nd	Ø.4	
s7-Ø8-158-Ø4	C-1, 9.0-10.5'	nd	nd	nđ	nd	
s7-Ø8-158-Ø5	C-1, 19.0-20.5'	nd	nđ	nđ	nd	
s7-Ø8-158-Ø6	C-1, 29.Ø-3Ø.5'	nd	nd	nd	nd	
s7- Ø8-158-Ø7	C-2, 9.0-10.5'	1,200.	16.	54.	120.	
s7- Ø8-158-Ø8	C-2, 19.Ø-2Ø.5'	nd	Ø.Ø7	ø.8	nd	
s7-08-158-09	C-2, 29.Ø-3Ø.5'	48.	ø.93	Ø.1	3.	
Detection Lim	uit	5.	ø.ø5	Ø.1	Ø.4	

IT/Santa Clara to
Pacific Environmental Group, Inc.
ATTN: Erin Garner

August 31, 1987 Page 2 of 2

Summary of Results

Project Number: 120-57.01

		Parts per Million - (Dry Soil Basis)			
nd = none det Lab Number	ected Sample Identification	Low Boiling Hydrocarbons (Gasoline)		Toluene	Ethyl benzene and xylenes
					:
s7 - Ø8-158-1Ø	C-3, 9.0-10.5'	7.	Ø.Ø5	nd	Ø.4
s7-Ø8-158-11	C-3, 19.0-20.5'	nd	nđ	nd	nd
s7-Ø8-158-12	C-3, 29.Ø-3Ø.5'	nd	nđ	nd	nd
s7-Ø8-158-13	C-4, 9.Ø-1Ø.5'	58Ø.	3.9	23.	46.
s7-Ø8-158-14	C-4, 19.0-20.5	nd	nd	nd	nd
s7-Ø8-158-15	C-4, 29.0-30.5	nd	nd	nd	nd
Detection Lim	it	5.	ø.ø5	Ø.1	Ø.4

SAMPLING/ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Project N	lo.: 120-5	7.01	Requested	I By: _	O/			P.	O. No.:	6860	**************************************
REQUEST LABO			RATORY REQUIREMENTS				CHAIN OF CUSTODY				
SAMPLE TYPE: SOIL		CONTA	CONTAINERS					SIGNATURE	↓ CONTRACT LABORATORY		
SAMPLE I.D.	PARAMETERS	SIZE/TYPE	QUANTITY	PRES.	LAB	DUE DATE	SAMPLER	SAMPLE DATE	REC'D BY	COMMENTS	DATE REC'D
9-10/2	CHE, BIX	jas/rive			11	9/4/27/ Streetty	H	8/14/87	ma	OK, Cool	3/2/87
7-20%											
7-20% C-3 21-30% C-4 9-10% C-4	í										
C-4 9'-101/2							,				
C-4 19-20/2 C-4											
C-4 29-30%	V		/		1	V	/	V .			
				<u></u>					Y	,	
								,			
SIGNATURE RELEASED	BY: 4111U	8/21/27					RELEASI	ED BY:			
RECEIVED BY: ALL THE COLOR OF 12			AECEIVED BY:			,,,	RECEIVED BY:				
RELEASED BY:			RELEASED BY: RELEASED BY:								
RECEIVED BY:			RECEIVED BY:	7: RECEIVED BY LAB:						21/87	
						1	PAC	CIFIC ENVI	RONMI	ENTAL GROUP	

SAMPLING/ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Project N	lo.: <u>120-</u> 5	7.01	Requested	d By: _	Ja	3A/1	EG	P.	O. No.: .	6880		
REQUEST		LABORATORY REQUIREMENTS					CHAIN OF CUSTODY					
MPLETYPE: WATER		CONTAINERS					SAMPLER'S	SIGNATURE	3 CONTRACT LABORATORY			
SAMPLE I.D.	PARAMETERS	SIZE/TYPE	QUANTITY	PRES.	LAB	DUE DATE	SAMPLER	SAMPLE DATE	REC'D BY	COMMENTS	DATE REC'D	
C-1	Gas BTX	40ml LOA	2	HCL	AN	9/9/87	JBA	9/1/87	BiW	I vial conclud and destroyed	9/2/87	
	/	/		/	1	.]		1		good		
<u> </u>	V		1	V	V	V	V	V	1	1	V	
<u> </u>												
<u> </u>												
·												
			i		-							
SIGNATURI	<u> </u> ≣S:	<u> </u>	<u></u>	<u>.</u>		<u>. </u>		l	<u> </u>	<u></u>	L	
RELEASED BY:			RELEASED BY:				RELEASED BY:					
RECEIVED BY:			RECEIVED BY:									
RELEASE) BY:	RELEASED BY:				RECEIVED BY LAB: BUSINGSUTH SUTH SUTH						
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PACIFIC ENVIRONMENTAL GROUP, INC.

SAMPLING/ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Project No.: 120-57.01 Requested By: 9 P.O. No.: 6860 LABORATORY REQUIREMENTS CHAIN OF CUSTODY REQUEST SAMPLER'S SIGNATURE AMPLE TYPE: SOIL *CONTRACT LABORATORY* CONTAINERS DUE DATE SAMPLER SAMPLE DATE REC'D BY LAB COMMENTS QUANTITY PRES. SAMPLE I.D. **PARAMETERS** SIZE/TYPE REC'D ~ 1/2 INCHES OF HED 72/67 IN JAR W/ SOIL COLE 821/67 C-A Gas BTX 342-10 OK, COOL 19-201/2 ~ | Yz INCH &5 01-1120 IN JAR W/ SULL CORE 27/2-25° GK COOL 24'-3012' C-2 C-2 19'-20% SIGNATURES: 97/87 RELEASED BY: RELEASED BY: RELEASED BY: RECEIVED BY: RECEIVED BY: RECEIVED BY: RELEASED BY: RELEASED BY: _ RELEASED BY: RECEIVED BY: RECEIVED BY:

PACIFIC ENVIRONMENTAL GROUP, INC.