GeoStrategies Inc.

September 9, 1992

Alameda County
Department of Environmental Health
80 Swan Way, Suite 200
Oakland, California 94621

3714

Attention: Mr. Paul Smith

Reference: Shell Service Station
350 Grand Avenue
Oakland, California 94610
WIC 204-5510-0204

Mr. Smith:

As requested by Mr. Dan Kirk of Shell Oil Company, we are forwarding a copy of the September 9, 1992 Quarterly Report for the above referenced location. This report presents the results of the ground-water sampling conducted during the third quarter of 1992.

If you have any questions, please call.

Sincerely,

Ellen Fostersmith

Ellen Fostersmith
Geologist

enclosure

cc: Mr. Dan Kirk, Shell Oil Company.
Mr. Lester Feldman, Regional Water Quality Control Board

GeoStrategies Inc.

QUARTERLY REPORT

Shell Service Station
350 Grand Avenue
Oakland, California
WIC# 204-5510-0204

766702-10

September 9, 1992

GeoStrategies Inc.

September 9, 1992

Shell Oil Company
P. O. Box 5278
Concord, California 94520

Attn: Mr. Dan Kirk

Re: QUARTERLY REPORT
Shell Service Station
350 Grand Avenue
Oakland, California
WIC# 204-5510-0204

Mr. Kirk:

This Quarterly Report has been prepared by GeoStrategies Inc. (GSI) and presents the results of the 1992 third quarter sampling for the above-referenced site (Plate 1). Sampling data were furnished by the Shell Oil Company sampling contractor.

There are currently three ground-water monitoring wells at the site; Wells S-1 through S-3 (Plate 2). In addition, five exploratory soil borings have been drilled at the site (S-A through S-E). These wells and borings were installed and drilled in 1990 by GSI.

CURRENT QUARTER SAMPLING RESULTS

Depth to water-level measurements were obtained in each monitoring well on July 10, 1992. Static ground-water levels were measured from the surveyed top of each well box and recorded to the nearest ± 0.01 foot. Water level elevations, referenced to Mean Sea Level (MSL) datum and the stabilized values of measured physical parameters are presented in the EMCON monitoring report (Appendix A). Water level data were used to construct a quarterly potentiometric map (Plate 2). Shallow ground-water flow is to the south, towards Lake Merritt, at an approximate gradient of 0.02.

Each well was checked for the presence of floating product. Floating product was not observed in the wells this quarter.

766702-10

Ground-water samples were collected on July 10, 1992. Samples were analyzed for Total Petroleum Hydrocarbons calculated as Gasoline (TPH-Gasoline) and as Diesel (TPH-Diesel) according to EPA Method 8015 (Modified, and for Benzene, Toluene, Ethylbenzene and Xylenes (BTEX) according to EPA Method 8020. The ground-water samples were analyzed by Anametrix, Inc., a California State - certified laboratory located in San Jose, California. The laboratory analytical report and Chain-of-Custody form are presented in Appendix A. A chemical isoconcentration map for benzene is presented on Plate 3. Historical chemical analytical data are presented in Appendix A.

If you have any question, please call.

GeoStrategies Inc. by,

Ellen C. Fostersmith

Ellen C. Fostersmith
Geologist

Michael Carey
Engineering Geologist
C.E.G. 1351

CERTIFIED ENGINEERING GEOLOGIST
MICHAEL C. CAREY
C.E.G. 1351
EXP: 6-30-94
STATE OF CALIFORNIA

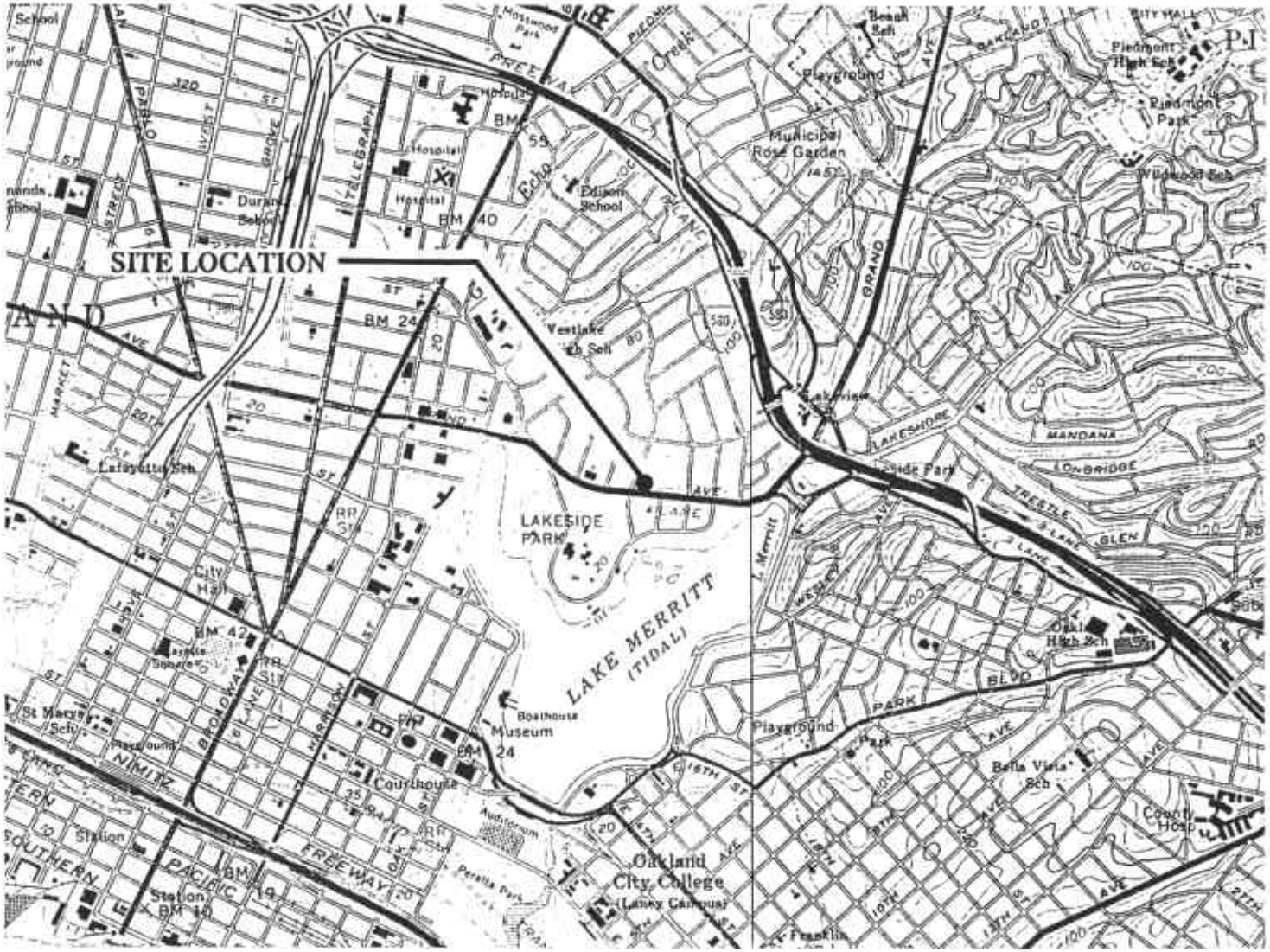
ECF/MCC/rmt

Plate 1. Vicinity Map
Plate 2. Site Plan/Potentiometric Map
Plate 3. Benzene Isoconcentration Map

Appendix A: EMCON Monitoring Report and Chain-of-Custody

QC Review: JTP

766702-10



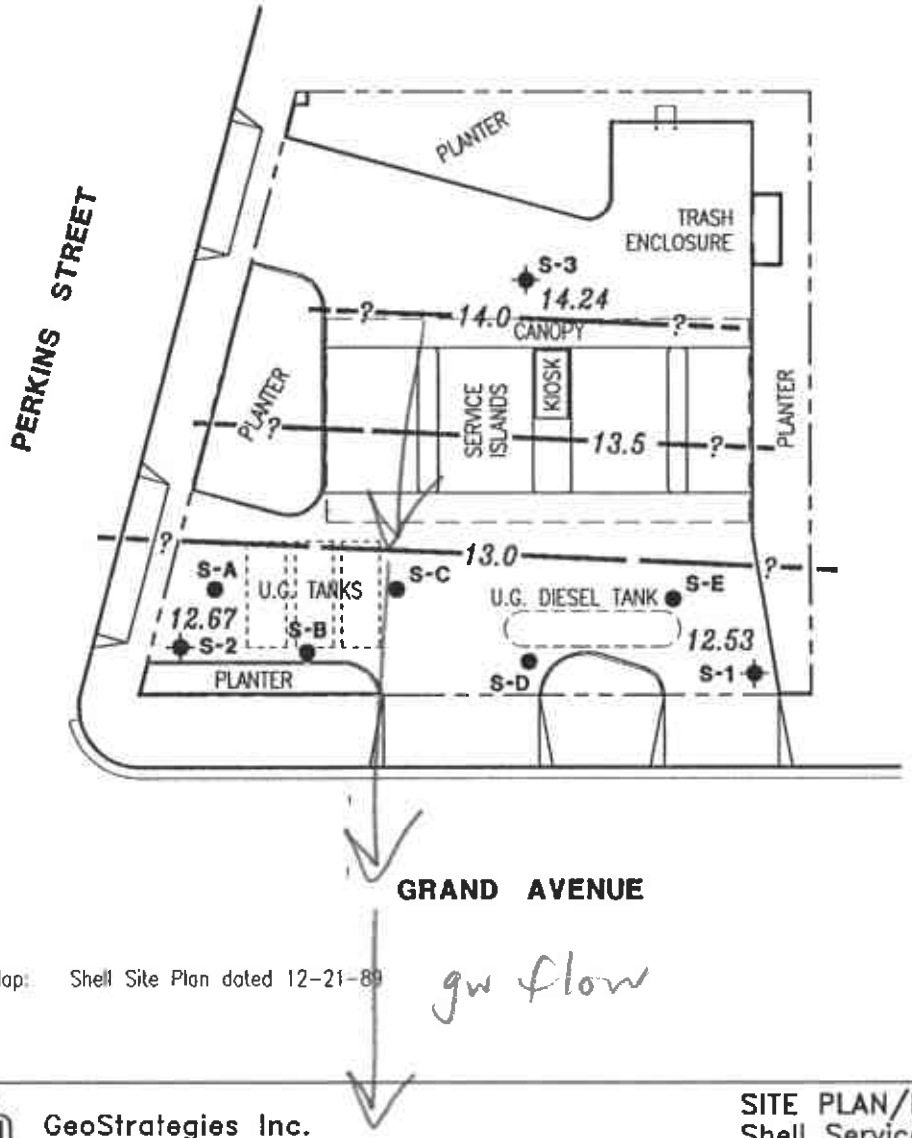
Base Map: USGS Topographic Map

GeoStrategies Inc.

VICINITY MAP
Shell Service Station
350 Grand Avenue
Oakland, California

PLATE **1**

JOB NUMBER	REVIEWED BY	DATE	REVISED DATE
7667		3/91	



EXPLANATION

- Ground–water monitoring well
- Soil boring
- 99.99 — Ground–water elevation contour. Approximate Gradient = 0.02
- 99.99 — Ground–water elevation in feet referenced to Mean Sea Level (MSL) measured on July 10, 1992

NOTES: 1. Water levels may be influenced irrigation practices and/or site construction activities.

N

0 40

Scale in Feet

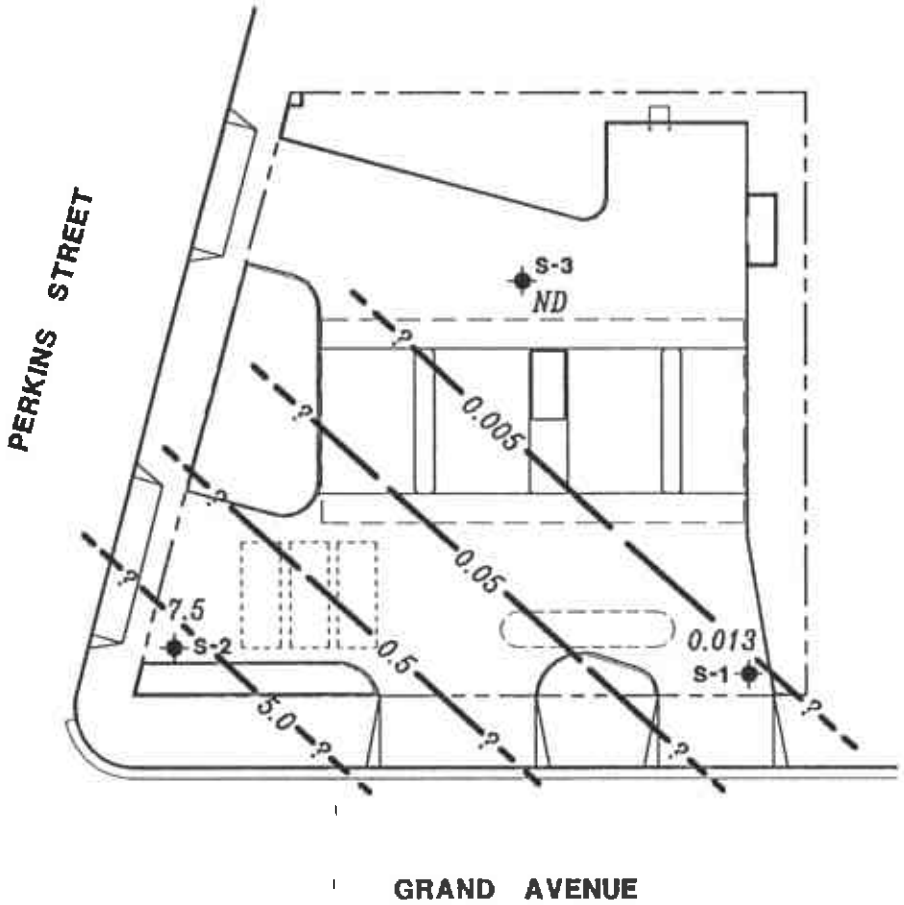
Base Map: Shell Site Plan dated 12-21-89

GeoStrategies Inc.

SITE PLAN/POTENTIOMETRIC MAP
Shell Service Station
350 Grand Avenue
Oakland, California

PLATE 2

JOB NUMBER	REVIEWED BY	DATE	REVISED DATE
766702-10		9/92	



EXPLANATION

- Ground–water monitoring well
- 0.05 — Benzene isoconcentration contour
- *0.05* — Benzene concentration in ppm sampled on July 10, 1992
- *ND* — Not Detected (See laboratory reports for detection limits)

N

0 40

Scale in Feet

Base Map: Shell Site Plan dated 12-21-89

GeoStrategies Inc.

BENZENE ISOCONCENTRATION MAP

Shell Service Station
350 Grand Avenue
Oakland, California

PLATE 3

JOB NUMBER	REVIEWED BY	DATE	REVISED DATE
766702-10		9/92	

APPENDIX A
EMCON MONITORING REPORT
AND
CHAIN-OF-CUSTODY

EMCON
ASSOCIATES
Consultants in Wastes
Management and
Environmental Control

RECEIVED
AUG 6 - 1992
GeoStrategies Inc.

August 4, 1992
Project: G67-24.01
WIC#: 204-5510-0204

Ms. Ellen Fostersmith
Geo Strategies Inc.
2140 West Winton Avenue
Hayward, California 94545

Re: Third quarter 1992 ground-water monitoring report, Shell Oil Company, 350 Grand Avenue, Oakland, California

Dear Ms. Fostersmith:

This letter presents the results of the third quarter 1992 ground-water monitoring event for the Shell Oil Company (Shell) site located at 350 Grand Avenue, Oakland California. Third quarter monitoring was conducted on July 10 and 11, 1992. The site is monitored quarterly.

GROUND-WATER LEVEL SURVEY

A water-level survey preceded the purging and sampling of the monitoring wells. The wells included in the survey are identified in figure 1 (supplied by Geo Strategies Inc.). During the survey, wells S-1, S-2, and S-3 were measured for depth to water, floating product thickness, and total depth. Depth to water and floating product thickness were measured to the nearest 0.01 foot with an oil/water interface probe. No floating product was observed in any wells. Total depth was measured to the nearest 0.1 foot. Results of the third quarter water-level survey, and available data from four previous surveys, are summarized in table 1.

SAMPLING AND ANALYSIS

Ground-water samples were collected from wells S-1, S-2, and S-3 on July 10 and 11, 1992. Prior to sample collection, the wells were purged with Teflon® bailers. During the purging operation, ground water was monitored for pH, electrical conductivity, and temperature as a function of volume of water removed. Purging continued until these parameters were stable and a minimum of three casing volumes of ground water were removed. All three wells were evacuated to dryness before the removal of three casing volumes. The wells were allowed to recharge for up to 24 hours. Samples were collected after the wells had recharged to a level sufficient for sample collection. Field measurements from third quarter monitoring, and available measurements from four previous monitoring events, are summarized in table 1. Purge water from the

1938 Junction Avenue, San Jose, California 95131-2102. (408) 453-0719. Fax (408) 453-0452

monitoring wells was contained in a 55-gallon drum. The drum was identified with a Shell-approved label and secured for on-site storage.

Ground-water samples were collected with a Teflon bailer, labeled, placed on ice, and transported to Anametrix Inc. for analysis. Shell chain-of-custody documents accompanied all samples to the laboratory.

All equipment that was placed down a well or that came in contact with ground water was steam cleaned with deionized water prior to use at each well.

Quality control (QC) samples for third quarter monitoring included a trip blank (called TB) and a field blank (called FB). All water samples collected during third quarter monitoring were analyzed for total petroleum hydrocarbons as gasoline (TPH-g); benzene, toluene, ethylbenzene, and total xylenes (BTEX); and total petroleum hydrocarbons as diesel (TPH-d).

ANALYTICAL RESULTS

Analytical results for the third quarter 1992 monitoring event, and available results from four previous monitoring events, are summarized in table 2. Note that low levels of TPH-g, toluene, and total xylenes were detected in the QC samples. Much higher levels of these compounds were detected in ground-water samples collected from well S-2. The original certified analytical report and final chain-of-custody document are attached.

If you have any questions, please call.

Very truly yours,

EMCON Associates

David Larsen
Environmental Sampling Coordinator

Orrin Childs
Environmental Sampling Supervisor

DL/OC:dl

Attachments: Table 1 - Monitoring well field measurement data
Table 2 - Summary of analytical results
Figure 1 - Monitoring well locations
Certified analytical report
Chain-of-custody document

Table 1
Monitoring Well Field Measurement Data
Third Quarter 1992

Shell Station: 350 Grand Avenue
Oakland, California
WIC #: 204-5510-0204

Date: 07/30/92
Project Number: G67-24.01

Well Designation	Water Level Field Date	TOB Elevation (ft-MSL)	Depth to Water (feet)	Groundwater Elevation (ft-MSL)	Total Well Depth (feet)	Floating Product Thickness (feet)	Water Sample Field Date	pH (std. units)	Electrical Conductivity (micromhos/cm)	Temperature (degrees F)	Turbidity (NTU)
S-1	07/19/91	20.84	8.92	11.92	17.6	ND	07/19/91	7.11	877	69.8	NR
S-1	10/09/91	20.84	9.62	11.22	17.6	ND	10/09/91	7.19	676	70.1	NR
S-1	01/23/92	20.84	8.94	11.90	17.5	ND	01/23/92	6.65	749	60.9	>200
S-1	04/27/92	20.84	7.06	13.78	17.3	ND	04/27/92	6.94	707	67.7	>200
S-1	07/10/92	20.84	8.31	12.53	17.6	ND	07/10/92	6.72	785	74.4	228
S-2	07/19/91	21.24	9.55	11.69	15.0	ND	07/19/91	7.10	819	70.5	NR
S-2	10/09/91	21.24	10.26	10.98	15.0	ND	10/09/91	6.67	680	71.9	NR
S-2	01/23/92	21.24	9.51	11.73	15.0	ND	01/23/92	6.35	1150	51.8	>200
S-2	04/27/92	21.24	7.83	13.41	14.8	ND	04/27/92	6.66	1094	74.1	>200
S-2	07/10/92	21.24	8.57	12.67	15.0	ND	07/10/92	6.40	1017	76.2	425
S-3	07/19/91	22.70	12.45	10.25	15.1	ND	07/19/91	7.12	608	67.8	NR
S-3	10/09/91	22.70	12.98	9.72	15.1	ND	10/09/91	6.51	451	70.1	NR
S-3	01/23/92	22.70	13.06	9.64	15.0	ND	01/23/92	5.58	544	55.5	>200
S-3	04/27/92	22.70	7.25	15.45	14.7	ND	04/28/92	6.80	667	72.4	>200
S-3	07/10/92	22.70	8.46	14.24	15.0	ND	07/11/92	7.13	490	76.3	128

TOB = top of well box
ft-MSL = elevation in feet, relative to mean sea level
std. units = standard pH units
micromhos/cm = micromhos per centimeter
degrees F = degrees Fahrenheit
NTU = nephelometric turbidity units
ND = None detected
NR = Not reported; data not available

Table 2
Summary of Analytical Results
Third Quarter 1992
milligrams per liter (mg/l) or parts per million (ppm)

Shell Station: 350 Grand Avenue
Oakland, California
WIC #: 204-5510-0204

Date: 07/30/92
Project Number: G67-24.01

Sample Designation	Water Sample Field Date	TPH-g (mg/l) ppb	Benzene (mg/l) ppb	Toluene (mg/l)	Ethyl-benzene (mg/l)	Total Xylenes (mg/l)	TPH-d (mg/l) ppb
S-1	07/19/91	<0.05	0.0068	<0.0005	<0.0005	<0.0005	<0.05
S-1	10/09/91	0.12	0.010	<0.0005	<0.0005	<0.0005	0.26^
S-1	01/23/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.05
S-1	04/27/92	<0.05	0.0012	<0.0005	<0.0005	<0.0005	0.07*
S-1	07/10/92	<0.05	0.013 13	<0.0005	<0.0005	<0.0005	0.093 93
S-2	07/19/91	21.	4.7	0.43	1.2	2.4	30.*
S-2	10/09/91	29.	6.3	0.51	1.7	2.4	32.*
S-2	01/23/92	31.	5.8	0.48	2.0	2.7	36.*
S-2	04/27/92	21.+	4.8	0.32	1.6	1.4	12.*
S-2	07/10/92	31. 31,000	7.5 7,500	0.94	3.4	3.5	3.7@ 3,700
S-3	07/19/91	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	NA
S-3	10/09/91	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	NA
S-3	01/23/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	NA$
S-3	04/28/92	<0.05	0.0005	<0.0005	<0.0005	<0.0005	0.10
S-3	07/11/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	0.068 68

TPH-g = total petroleum hydrocarbons as gasoline
TPH-d = total petroleum hydrocarbons as diesel
^ = Compounds detected and calculated as diesel are not characteristic of the standard diesel chromatographic pattern
* = Compounds detected and calculated as diesel appear to be the less volatile constituents of gasoline
+ = Compounds detected and calculated as gasoline are not characteristic of the standard gasoline chromatographic pattern
@ = Concentration reported as diesel is primarily due to the presence of a lighter petroleum product, possibly gasoline or kerosene
NA = Not analyzed
$ = Well dried during purging and did not recover to a level sufficient for collection of a sample for analysis of TPH-d

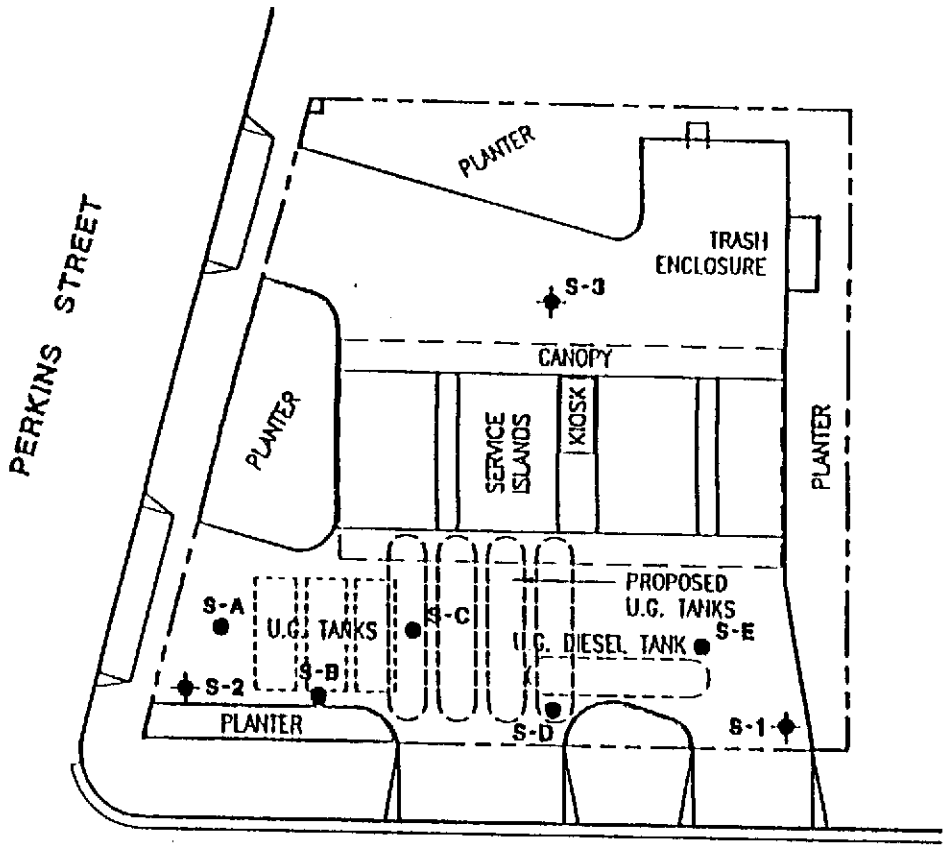
Table 2
Summary of Analytical Results
Third Quarter 1992
milligrams per liter (mg/l) or parts per million (ppm)

Shell Station: 350 Grand Avenue
Oakland, California
WIC #: 204-5510-0204

Date: 07/30/92
Project Number: G67-24.01

Sample Designation	Water Sample Field Date	TPH-g (mg/l)	Benzene (mg/l)	Toluene (mg/l)	Ethyl-benzene (mg/l)	Total Xylenes (mg/l)	TPH-d (mg/l)
TB	07/19/91	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	NA
TB	10/09/91	NR	NR	NR	NR	NR	NR
TB	01/23/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.05
TB	04/28/92	<0.05	0.0011	<0.0005	<0.0005	<0.0005	<0.05
TB	07/10/92	<0.05	<0.0005	0.0007	<0.0005	0.0006	<0.05
FB	07/10/92	0.055	<0.0005	0.0015	<0.0005	0.0014	<0.05

TPH-g = total petroleum hydrocarbons as gasoline
TPH-d = total petroleum hydrocarbons as diesel
NA = Not analyzed
NR = Not reported; data not available



EXPLANATION

- Ground-water monitoring well
- Soil boring

Figure 1
(Supplied by Geo Strategies, Inc.)

Base Map: Shell Site Plan dated 12-21-89

N

0 40

Scale in Feet

GeoStrategies Inc.

SITE PLAN
Shell Service Station
350 Grand Avenue
Oakland, California

NUMBER	REVIEWED BY	DATE	REVISED DATE
6702-5	CES	9/91	

ANAMETRIX INC
Environmental & Analytical Chemistry
1961 Concourse Drive, Suite E, San Jose, CA 95131
(408) 432-8192 • Fax (408) 432-8198

REPORT

MR. DAVID LARSEN
EMCON ASSOCIATES
1938 JUNCTION AVE.
SAN JOSE, CA 95131

Workorder # : 9207140
Date Received : 07/13/92
Project ID : G67-24.01
Purchase Order: MOH-B813

The following samples were received at Anametrix, Inc. for analysis :

ANAMETRIX ID	CLIENT SAMPLE ID
9207140- 1	S-3
9207140- 2	S-1
9207140- 3	S-2
9207140- 4	TB
9207140- 5	FB

This report consists of 6 pages not including the cover letter, and is organized in sections according to the specific Anametrix laboratory group or section which performed the analysis(es) and generated the data. The Report Summary that precedes each section will help you determine which Anametrix group is responsible for those test results, and will bear the signatures of the department supervisor and the chemist who have reviewed the analytical data. Please refer all questions to the department supervisor who signed the form.

Anametrix is certified by the California Department of Health Services (DHS) to perform environmental testing under Certificate Number 1234. A detailed list of the approved fields of testing can be obtained by calling our office, or the DHS Environmental Laboratory Accreditation Program at (415)540-2800.

If you have any further questions or comments on this report, please give us a call as soon as possible. Thank you for using Anametrix.

Sarah Schoen, Ph.D.
Laboratory Director

7-28-92
Date

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MR. DAVID LARSEN
EMCON ASSOCIATES
1938 JUNCTION AVE.
SAN JOSE, CA 95131

Workorder # : 9207140
Date Received : 07/13/92
Project ID : G67-24.01
Purchase Order: MOH-B813
Department : GC
Sub-Department: TPH

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9207140- 1	S-3	WATER	07/11/92	TPHd
9207140- 2	S-1	WATER	07/10/92	TPHd
9207140- 3	S-2	WATER	07/10/92	TPHd
9207140- 4	TB	WATER	07/10/92	TPHd
9207140- 5	FB	WATER	07/11/92	TPHd
9207140- 1	S-3	WATER	07/11/92	TPHg/BTEX
9207140- 2	S-1	WATER	07/10/92	TPHg/BTEX
9207140- 3	S-2	WATER	07/10/92	TPHg/BTEX
9207140- 4	TB	WATER	07/10/92	TPHg/BTEX
9207140- 5	FB	WATER	07/11/92	TPHg/BTEX

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MR. DAVID LARSEN
EMCON ASSOCIATES
1938 JUNCTION AVE.
SAN JOSE, CA 95131

Workorder # : 9207140
Date Received : 07/13/92
Project ID : G67-24.01
Purchase Order: MOH-B813
Department : GC
Sub-Department: TPH

QA/QC SUMMARY :

- The concentration reported as diesel for sample S-2 is primarily due to the presence of a lighter petroleum product, possibly gasoline or kerosene.

Department Supervisor — Date 7/28/92

Chemist — Date July 28th 1992

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS
(GASOLINE WITH BTEX)
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9207140
Matrix : WATER
Date Sampled : 07/10-11/92

Project Number : G67-24.01
Date Released : 07/28/92

COMPOUNDS	Reporting Limit (mg/L)	Sample I.D.# S-3 -01	Sample I.D.# S-1 -02	Sample I.D.# S-2 -03	Sample I.D.# TB -04	Sample I.D.# FB -05
Benzene	0.0005	ND	0.013	7.5	ND	ND
Toluene	0.0005	ND	ND	0.94	0.0007	0.0015
Ethylbenzene	0.0005	ND	ND	3.4	ND	ND
Total Xylenes	0.0005	ND	ND	3.5	0.0006	0.0014
TPH as Gasoline	0.050	ND	ND	31	ND	0.055
% Surrogate Recovery		101%	96%	92%	102%	107%
Instrument I.D.		HP4	HP4	HP4	HP4	HP4
Date Analyzed		07/22/92	07/22/92	07/22/92	07/22/92	07/23/92
RLMF		1	1	250	1	1

ND - Not detected at or above the practical quantitation limit for the method.
TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using modified EPA Method 8015 following sample purge and trap by EPA Method 5030.
BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes are determined by modified EPA Method 8020 following sample purge and trap by EPA Method 5030.
RLMF - Reporting Limit Multiplication Factor.

Anametrix control limits for surrogate p-Bromofluorobenzene recovery are 53-147%.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

Jul 7, 28th 1992
Analyst Date

Cheryl Balman 7/28/92
Supervisor Date

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS
(GASOLINE WITH BTEX)
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9207140
Matrix : WATER
Date Sampled : N/A

Project Number : G67-24.01
Date Released : 07/28/92

COMPOUNDS	Reporting Limit (mg/L)	Sample I.D.# BL2201E2 BLANK	Sample I.D.# BL2301E2 BLANK
Benzene	0.0005	ND	ND
Toluene	0.0005	ND	ND
Ethylbenzene	0.0005	ND	ND
Total Xylenes	0.0005	ND	ND
TPH as Gasoline	0.050	ND	ND
% Surrogate Recovery		105%	105%
Instrument I.D.		HP4	HP4
Date Analyzed		07/22/92	07/23/92
RLMF		1	1

ND - Not detected at or above the practical quantitation limit for the method.
TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using modified EPA Method 8015 following sample purge and trap by EPA Method 5030.
BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes are determined by modified EPA Method 8020 following sample purge and trap by EPA Method 5030.
RLMF - Reporting Limit Multiplication Factor.

Anametrix control limits for surrogate p-Bromofluorobenzene recovery are 53-147%.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

Analyst Date

Supervisor Date

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS AS DIESEL
ANAMETRIX, INC. (408) 432-8192

Anametrix W.O.: 9207140
Matrix : WATER
Date Sampled : 07/10-11/92
Date Extracted: 07/17/92

Project Number : G67-24.01
Date Released : 07/28/92
Instrument I.D.: HP23

Anametrix I.D.	Client I.D.	Date Analyzed	Reporting Limit (mg/L)	Amount Found (mg/L)
9207140-01	S-3	07/21/92	0.050	0.068
9207140-02	S-1	07/21/92	0.050	0.093
9207140-03	S-2	07/21/92	0.050	3.7
9207140-04	TB	07/21/92	0.050	ND
9207140-05	FB	07/21/92	0.050	ND
DWBL071792	METHOD BLANK	07/21/92	0.050	ND

Note : Reporting limit is obtained by multiplying the dilution factor times 0.050 mg/L.
ND - Not detected at or above the practical quantitation limit for the method.
TPHd - Total Petroleum Hydrocarbons as diesel is determined by GCFID following sample extraction by EPA Method 3510.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

Analyst Date

Supervisor Date

TOTAL EXTRACTABLE HYDROCARBON LABORATORY CONTROL SAMPLE
EPA METHOD 3510 WITH GC/FID
ANAMETRIX, INC. (408) 432-8192

Sample I.D.	: METHOD SPIKE	Anametrix I.D.	: LCS0717B
Matrix	: REAGENT WATER	Analyst	:
Date Sampled	: N/A	Supervisor	:
Date Extracted	: 07/17/92	Date Released	: 07/28/92
Date Analyzed	: 07/21/92	Instrument I.D.	: HP 23

COMPOUND	SPIKE AMT. (ug/L)	LCS (ug/L)	%REC	LCSD (ug/L)	%REC	RPD	%REC LIMITS
Diesel	1250	1400	112%	1400	112%	0%	36-150

* Limits established by Anametrix, Inc.

RETAIL ENVIRONMENTAL ENGINEERING - WEST | 9207180 | CHAIN OF CUSTODY RECORD | Serial No.: | Date: 7-13-92 | Page 1 of 1

Site Address: 350 Grand Avenue Oakland, CA

WIC#: 204-5510-0204

Shell Engineer: Dan Kirk ~~Kurt Miller~~ | Phone No. (510) | Fax #: 685-3853

Consultant Name & Address: EMCON Assoc. 1938 Junction Ave. San Jose, CA 95131

Consultant Contact: David Larsen | Phone No. (408) | Fax #: 453-2269

Comments: 3-VOAs (HCl) for g, BTEX; 2-Liter Glass (SR) for diesel (only one for Blanks)

Sampled By: Rich Schaeffer

Printed Name: Rich Schaeffer

Analysis Required 10/9 (18) 19:20

LAB: Anametrix

CHECK ONE (1) BOX ONLY		CT/DT
Quarterly Monitoring	X[X]	5461
Site Investigation	[ ]	5441
Soil for disposal	[ ]	5442
Water for disposal	[ ]	5443
Air Sample- Sys O&M	[ ]	5452
Water Sample - Sys O&M	[ ]	5453
Other	[ ]	

TURN AROUND TIME: 24 hours [ ]; 48 hours [ ]; 15 days X[X] (Normal); Other [ ] ___

NOTE: Notify Lab as soon as possible of 24/48 hrs. TAT.

Sample ID	Date	Soil	Water	Air	No. of conts.	TPH (EPA 8015 Mod. Gas)	TPH (EPA 8015 Mod. Diesel)	BTEX (EPA 8020/602)	Volatile Organics (EPA 8240)	Test for Disposal				Container Size	Preparation Used	Composite Y/N	MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS
S-3	7-11-92		X		~~4~~ 4	X	X	X						40 ml	HCl	No		
S-1	7-10-92		↓		5	X	X	X						↓	↓	↓		
S-2	7-10-92		↓		5	X	X	X						↓	↓	↓		
TB	7-10-92		↓		~~5~~ 4	X	X	X						↓	↓	↓		
FB	7-11-92		↓		~~5~~ 4	X	X	X						↓	↓	↓		

Relinquished By (signature)	Printed name	Date/Time	Received (signature)	Printed name	Date/Time
[signature]	Rich Schaeffer	Date: 7-11-92 Time: 1500	[signature]	Pat Lacey	Date: 7-11-92 Time: 1500
[signature]	Pat Lacey	Date: 7-13-92 Time: 1853	[signature]	Michele D Aguilar	Date: 7/13/92 Time: 1853
		Date: Time:			Date: Time:

THE LABORATORY MUST PROVIDE A COPY OF THIS CHAIN-OF-CUSTODY WITH INVOICE AND RESULTS

Revision Date: 10/15/91