GeoStrategies Inc.
2140 WEST WINTON AVENUE
HAYWARD, CALIFORNIA 94545
(510) 352-4800

December 23, 1992

Ms. Pam Evans
Alameda County Health Agency
Department of Environmental Health
80 Swan Way, Room 200
Oakland, California 94621

Reference: Former Shell Service Station
15275 Washington Street
San Leandro, California
WIC 204-6852-1008

Ms. Evans:

As requested by Mr. Paul Hayes of Shell Oil Company, we are forwarding the December 23, 1992 Quarterly Report prepared for the referenced location. The report presents the results of the ground-water sampling conducted during the fourth quarter of 1992.

If you have any questions, please call.

Sincerely,

Ellen Fostersmith

Ellen Fostersmith
Geologist

EF/

Enclosure

cc: Mr. Paul Hayes, Shell Oil Company
Mr. Larry Turner, Shell Oil Company
Mr. Lester Feldman, Regional Water Quality Control Board

:ellens\615-s.wp

GeoStrategies Inc.

QUARTERLY REPORT

Former Shell Service Station
15275 Washington Avenue
San Leandro, California
WIC# 204-6852-1008

761501-19

December 23, 1992

GeoStrategies Inc.

December 23, 1992

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

Attn: Mr. Paul Hayes

Re: QUARTERLY REPORT
Former Shell Service Station
15275 Washington Avenue
San Leandro, California
WIC# 204-6852-1008

Mr. Hayes:

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

There are currently sixteen monitoring wells and one recovery well at the site; Wells S-1, S-3, S-5 through S-18, and SR-1 (Plate 2). These wells were installed between 1985 and 1991 by EMCON Associates, Woodward-Clyde Consultants and GSI. Wells S-2 and S-4 were destroyed in 1987.

CURRENT QUARTER SAMPLING RESULTS

Depth to water-level measurements were obtained in each monitoring well on October 26, 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 report (Appendix A). Water-level data were used to construct a quarterly potentiometric map (Plate 2). Shallow ground-water flow is generally to the south, at an approximate hydraulic gradient of 0.003.

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

761501-19

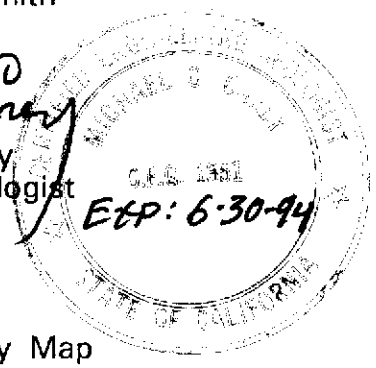
Ground-water samples were collected on October 26, 1992. Samples were analyzed for Total Petroleum Hydrocarbons calculated as Gasoline (TPH-Gasoline), according to EPA Method 8015 (Modified) and for Benzene, Toluene, Ethylbenzene and Xylenes (BTEX) according to EPA Method 8020. The ground-water samples were analyzed by Anametrix Inc., a California State-certified laboratory located in San Jose, California. These data are summarized in the EMCON report. A chemical isoconcentration map for benzene is presented on Plate 3. Historical chemical analytical data are presented in Appendix A.

If you have any questions, please call.

GeoStrategies Inc. by,

Ellen C. Fostersmith
Geologist

Michael C. Carey
Engineering Geologist
C.E.G. 1351

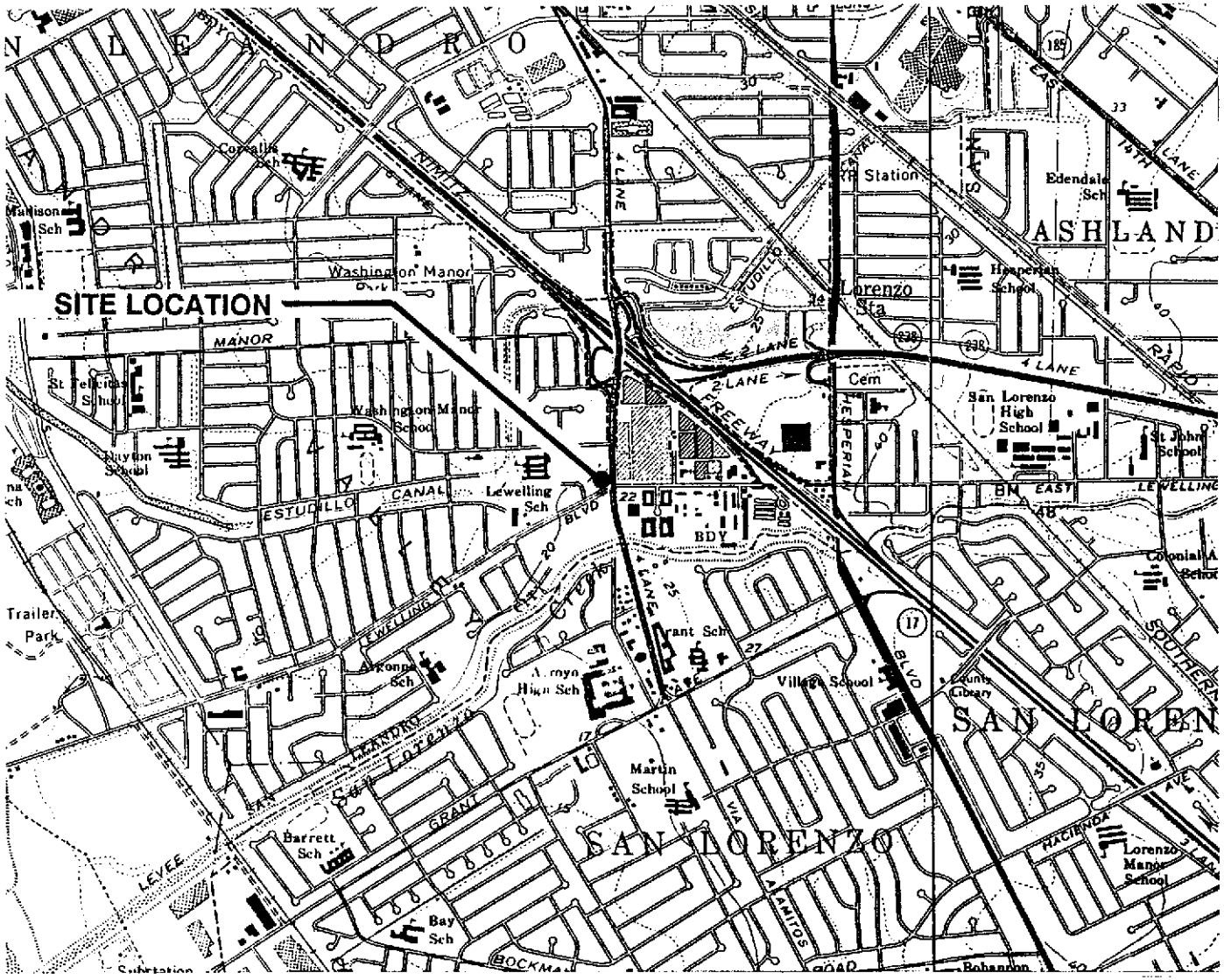


ECF/MCC/rmt

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

Appendix A. EMCON Monitoring Report and Chain-of-Custody Form

QC Review: RAL



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Approximate Scale : 1" = 2000'

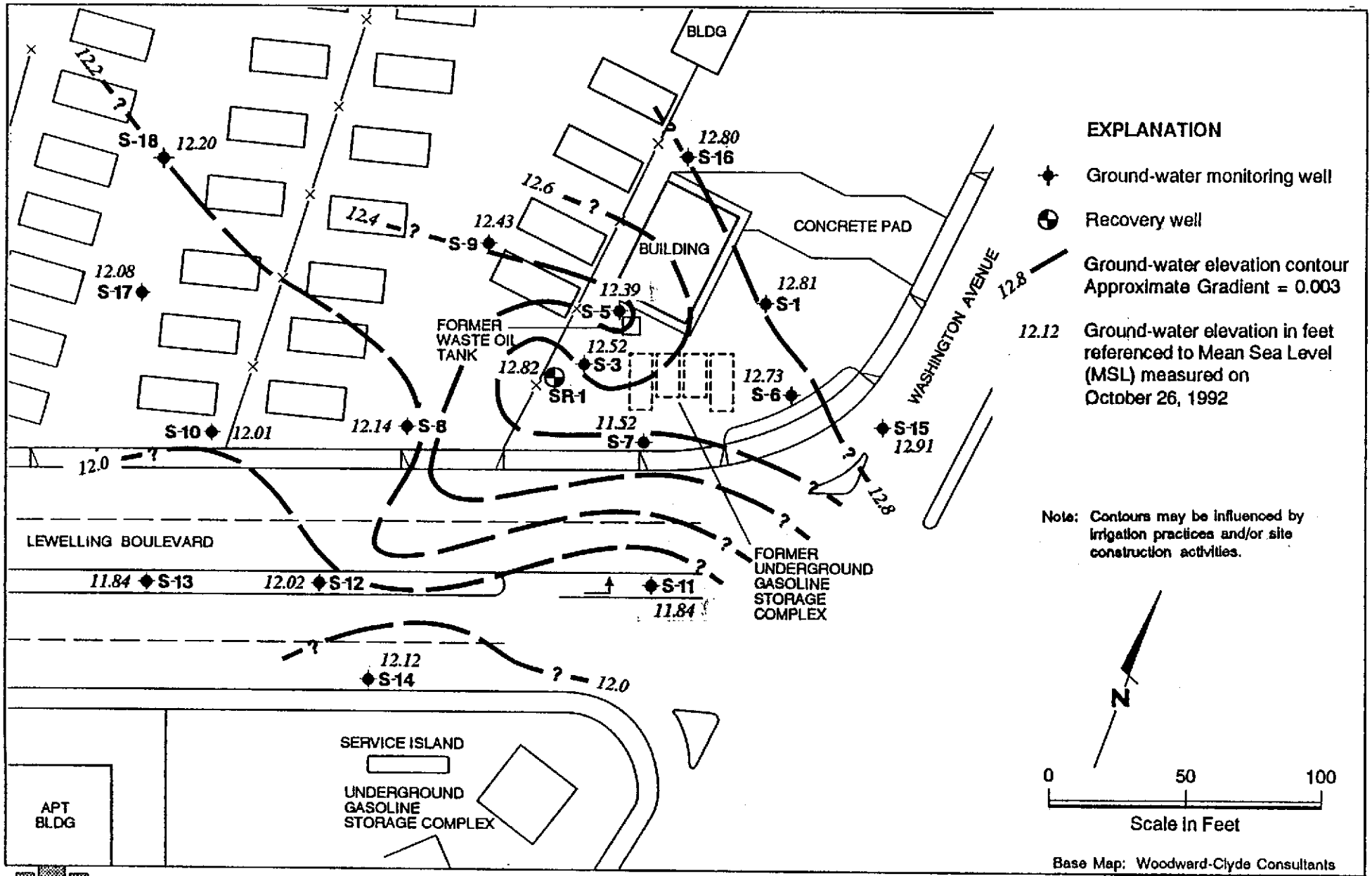
Base Map: USGS Topographic Map

GeoStrategies Inc.

Vicinity Map
Former Shell Service Station
15275 Washington Avenue
San Leandro, California

PLATE
1

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7615		11/89		

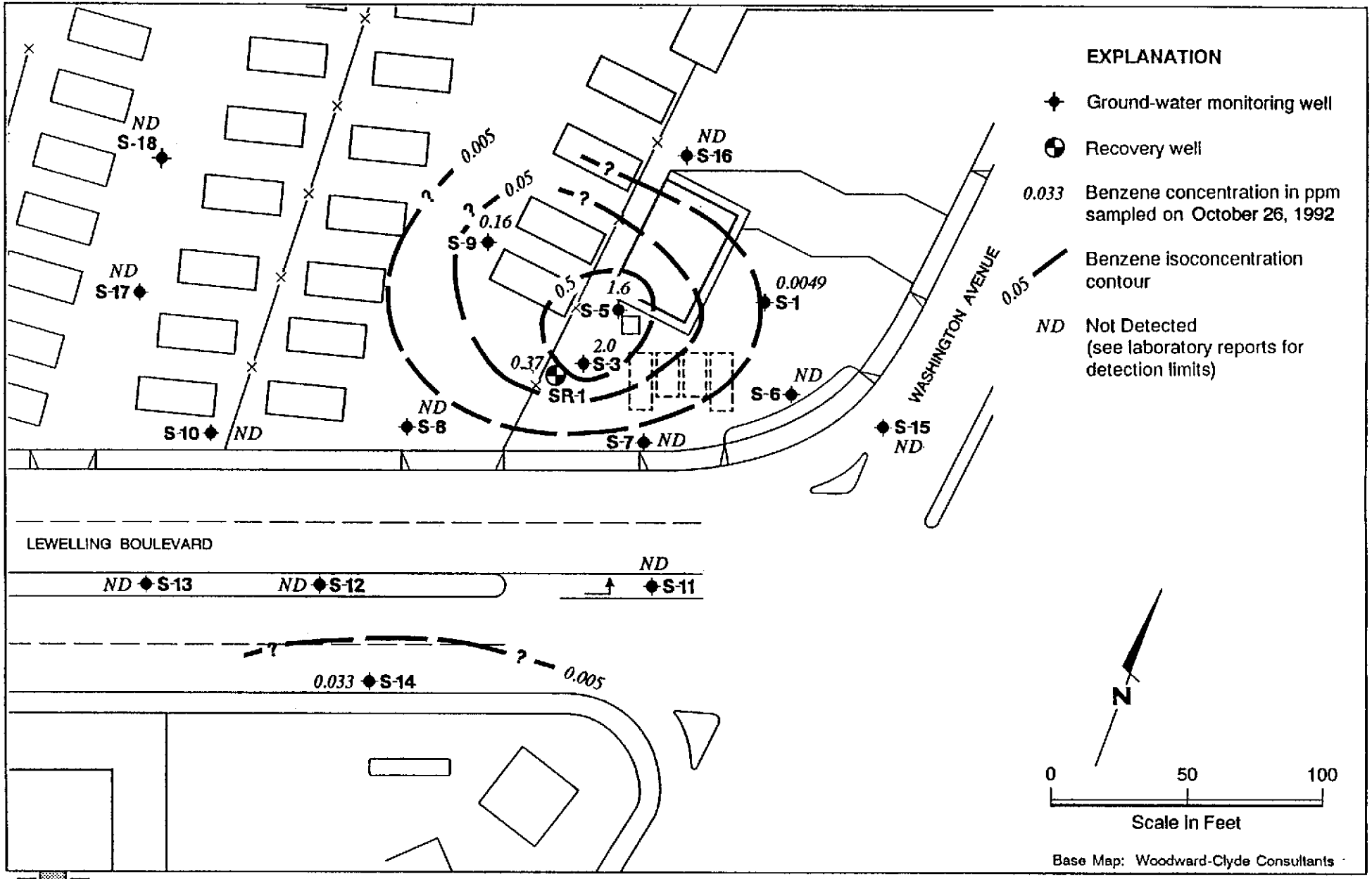


GeoStrategies Inc.

Site Plan/Potentiometric Map
Former Shell Service Station
15275 Washington Avenue
San Leandro, California

PLATE
2

JOB NUMBER	REVIEWED BY	DATE	REVISED DATE	REVISED DATE
761501-19		12/92		



GeoStrategies Inc.

Benzene Isoconcentration Map
Former Shell Service Station
15275 Washington Avenue
San Leandro, California

PLATE
3

JOB NUMBER	REVIEWED BY	DATE	REVISED DATE	REVISED DATE
761501-19		12/92		

APPENDIX A
EMCON MONITORING REPORT
AND
CHAIN-OF-CUSTODY FORM

EMCON ASSOCIATES
Consultants in Wastes Management and Environmental Control

November 20, 1992
Project: 0G67-028.01
WIC#: 204-6852-1008

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

Re: Fourth quarter 1992 ground-water monitoring report, Shell Oil Company, 15275 Washington Avenue, San Leandro, California

Dear Ms. Fostersmith:

This letter presents the results of the fourth quarter 1992 ground-water monitoring event for the Shell Oil Company (Shell) site located at 15275 Washington Avenue, San Leandro, California. Fourth quarter monitoring was conducted on October 26, 1992. The site is monitored quarterly. Wells S-6, S-11, S-13, S-14, and S-17 are sampled semiannually during second and fourth quarters.

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-3, S-5 through S-18, and SR-1 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 fourth 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-3, S-5 through S-18, and SR-1 on October 26, 1992. Prior to sample collection, the wells were purged with polyvinyl chloride 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. Well S-18 was evacuated to dryness before the removal of three casing volumes. The well was allowed to recharge for up to 24 hours. Samples were collected after the well had recharged to a level sufficient for sample collection. Field mea-

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

surements from fourth quarter monitoring, and available measurements from four previous monitoring events, are summarized in table 1. Purge water from the monitoring wells was contained in 55-gallon drums. The drums were identified with Shell-approved labels 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 samples for fourth quarter monitoring included a trip blank (TB), a field blank (FB), and two duplicate well samples, SD-1 and SD-9, collected form wells S-1 and S-9, respectively. All water samples collected during fourth quarter monitoring were analyzed for total petroleum hydrocarbons as gasoline (TPH-g), and benzene, toluene, ethylbenzene, and total xylenes (BTEX).

ANALYTICAL RESULTS

Analytical results for the fourth quarter 1992 monitoring event, and available results from four previous monitoring events, are summarized in table 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
Fourth Quarter 1992

Shell Station: 15275 Washington Avenue
San Leandro, California
WIC #: 204-6852-1008

Date: 11/19/92
Project Number: G87-28.01

Well Designation	Water Level Field Date	TOB Elevation (ft-MSL)	Depth to Water (feet)	Ground-water 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	10/08/91	21.55	8.70	12.85	19.9	ND	10/08/91	7.38	879	70.9	NR
S-1	02/05/92	21.55	8.14	13.41	19.9	ND	02/05/92	7.30	1308	65.0	>200
S-1	04/28/92	21.55	7.52	14.03	20.0	ND	04/28/92	7.02	1210	67.1	>1000
S-1	07/27/92	21.55	8.28	13.27	20.0	ND	07/27/92	7.28	1447	72.5	137
S-1	10/26/92	21.55	8.74	12.81	20.0	ND	10/26/92	6.84	1555	73.3	>1000
S-3	10/08/91	21.14	8.61	12.53	15.3	ND	10/08/91	6.97	1048	70.0	NR
S-3	02/05/92	21.14	7.80	13.34	15.4	ND	02/06/92	7.79	951	66.2	>200
S-3	04/28/92	21.14	7.27	13.87	15.3	ND	04/29/92	6.78	1790	66.3	>200
S-3	07/27/92	21.14	8.10	13.04	15.4	ND	07/27/92	5.20	1417	71.6	142
S-3	10/26/92	21.14	8.62	12.52	15.4	ND	10/26/92	6.82	1290	68.4	>200
S-5	10/08/91	21.41	9.00	12.41	18.4	ND	10/08/91	7.12	1243	71.0	NR
S-5	02/05/92	21.41	8.11	13.30	18.4	ND	02/06/92	7.40	756	66.8	>200
S-5	04/28/92	21.41	7.70	13.71	18.3	ND	04/29/92	6.71	1747	65.9	>200
S-5	07/27/92	21.41	8.52	12.89	18.5	ND	07/27/92	5.31	1535	71.9	161
S-5	10/26/92	21.41	9.02	12.39	18.5	ND	10/26/92	6.57	1720	70.3	>1000
S-6	10/08/91	22.02	9.26	12.76	24.7	ND	10/08/91	7.48	853	69.4	NR
S-6	02/05/92	22.02	8.47	13.55	24.7	ND	02/05/92	NA	NA	NA	NA
S-6	04/28/92	22.02	7.91	14.11	24.5	ND	04/28/92	7.23	996	67.4	>1000
S-6	07/27/92	22.02	8.83	13.19	24.7	ND	07/27/92	NA	NA	NA	NA
S-6	10/26/92	22.02	9.29	12.73	24.7	ND	10/26/92	7.30	1285	71.1	>1000

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
NA = Not applicable; well was not scheduled for sampling

Table 1
Monitoring Well Field Measurement Data
Fourth Quarter 1992

Shell Station: 15275 Washington Avenue
San Leandro, California
WIC #: 204-6852-1008

Date: 11/19/92
Project Number: G67-28.01

Well Designation	Water Level Field Date	TOB Elevation (ft-MSL)	Depth to Water (feet)	Ground-water 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-7	10/08/91	21.47	8.95	12.52	22.7	ND	10/08/91	7.20	1095	73.8	NR
S-7	02/05/92	21.47	8.04	13.43	24.4	ND	02/05/92	7.37	1538	63.5	>200
S-7	04/28/92	21.47	7.45	14.02	24.2	ND	04/28/92	7.03	1247	67.6	>1000
S-7	07/27/92	21.47	8.48	12.99	24.4	ND	07/27/92	4.97	1700	71.6	>200
S-7	10/26/92	21.47	9.95	11.52	24.3	ND	10/26/92	6.93	1764	71.9	>1000
S-8	10/08/91	20.72	8.55	12.17	24.2	ND	10/08/91	7.34	1243	73.2	NR
S-8	02/05/92	20.72	7.50	13.22	24.2	ND	02/05/92	7.21	1840	64.1	>200
S-8	04/28/92	20.72	7.14	13.58	24.1	ND	04/28/92	7.20	1837	70.6	>200
S-8	07/27/92	20.72	8.06	12.66	24.3	ND	07/27/92	7.13	1922	71.4	>200
S-8	10/26/92	20.72	8.58	12.14	24.3	ND	10/26/92	6.89	2040	71.8	>1000
S-9	10/08/91	20.96	8.55	12.41	17.9	ND	10/08/91	7.47	1206	74.5	NR
S-9	02/05/92	20.96	6.96	14.00	17.9	ND	02/06/92	7.20	1010	63.8	>200
S-9	04/28/92	20.96	6.76	14.20	17.9	ND	04/29/92	6.75	2050	67.9	>200
S-9	07/27/92	20.96	8.10	12.86	18.0	ND	07/27/92	5.23	1830	74.4	357
S-9	10/26/92	20.96	8.53	12.43	18.0	ND	10/26/92	6.91	1898	71.9	>1000
S-10	10/08/91	20.69	8.70	11.99	18.2	ND	10/08/91	7.14	749	68.1	NR
S-10	02/05/92	20.69	7.57	13.12	18.1	ND	02/05/92	7.18	963	64.0	>200
S-10	04/28/92	20.69	7.20	13.49	18.1	ND	04/28/92	7.09	1175	68.0	>200
S-10	07/27/92	20.69	8.17	12.52	18.2	ND	07/27/92	7.19	998	69.8	>200
S-10	10/26/92	20.69	8.68	12.01	18.2	ND	10/26/92	7.06	891	65.5	>200

TOB = top of well box
ft-MSL = elevation in feet, relative to mean sea level
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Fourth Quarter 1992

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S-11	10/08/91	21.26	9.34	11.92	22.5	ND	10/08/91	7.71	875	68.6	NR
S-11	02/05/92	21.26	8.50	12.76	24.1	ND	02/05/92	NA	NA	NA	NA
S-11	04/28/92	21.26	7.80	13.46	22.5	ND	04/28/92	7.40	976	69.2	>1000
S-11	07/27/92	21.26	8.80	12.46	22.5	ND	07/27/92	NA	NA	NA	NA
S-11	10/26/92	21.26	9.42	11.84	22.6	ND	10/26/92	7.54	1308	69.9	>1000
S-12	10/08/91	21.05	8.80	12.25	24.0	ND	10/08/91	7.82	947	69.8	NR
S-12	02/05/92	21.05	8.07	12.98	24.0	ND	02/06/92	7.69	1151	64.3	>200
S-12	04/28/92	21.05	8.33	12.72	23.8	ND	04/28/92	7.33	1115	69.8	>1000
S-12	07/27/92	21.05	8.55	12.50	24.0	ND	07/27/92	7.28	1320	70.6	>200
S-12	10/26/92	21.05	9.03	12.02	24.0	ND	10/26/92	7.21	1498	70.2	>200
S-13	10/08/91	20.57	8.69	11.88	23.9	ND	10/08/91	7.50	1296	69.0	NR
S-13	02/05/92	20.57	7.62	12.95	23.8	ND	02/05/92	NA	NA	NA	NA
S-13	04/28/92	20.57	7.15	13.42	23.8	ND	04/28/92	7.44	1497	71.8	>1000
S-13	07/27/92	20.57	8.20	12.37	23.8	ND	07/27/92	NA	NA	NA	NA
S-13	10/26/92	20.57	8.73	11.84	23.9	ND	10/26/92	7.19	1888	70.0	>1000
S-14	10/08/91	20.44	8.24	12.20	23.2	ND	10/08/91	7.59	1125	68.1	NR
S-14	02/05/92	20.44	7.20	13.24	23.2	ND	02/05/92	NA	NA	NA	NA
S-14	04/28/92	20.44	9.75	10.69	23.1	ND	04/28/92	7.20	1312	68.7	>1000
S-14	07/27/92	20.44	7.64	12.80	23.3	ND	07/27/92	NA	NA	NA	NA
S-14	10/26/92	20.44	8.32	12.12	23.2	ND	10/26/92	7.28	1710	69.6	>200

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Table 1
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WIC #: 204-6852-1008

Date: 11/19/92
Project Number: G67-28.01

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-15	10/08/91	22.22	9.26	12.96	23.7	ND	10/08/91	7.57	752	69.7	NR
S-15	02/05/92	22.22	8.60	13.62	23.6	ND	02/06/92	7.52	928	63.0	>200
S-15	04/28/92	22.22	8.09	14.13	23.6	ND	04/28/92	7.22	941	66.7	>1000
S-15	07/27/92	22.22	8.83	13.39	23.6	ND	07/27/92	7.59	1101	70.9	>200
S-15	10/26/92	22.22	9.31	12.91	23.5	ND	10/26/92	7.47	1157	69.9	>1000
S-16	10/08/91	21.82	8.95	12.87	24.1	ND	10/08/91	7.10	1085	69.5	NR
S-16	02/05/92	21.82	8.20	13.62	23.9	ND	02/05/92	7.20	1498	65.6	>200
S-16	04/28/92	21.82	7.80	14.02	23.8	ND	04/29/92	6.59	2040	66.7	>200
S-16	07/27/92	21.82	8.29	13.53	24.3	ND	07/27/92	5.91	1584	66.2	151
S-16	10/26/92	21.82	9.02	12.80	24.3	ND	10/26/92	6.99	1486	65.6	>200
S-17	10/08/91	20.95	8.86	12.09	24.4	ND	10/08/91	7.40	967	69.8	NR
S-17	02/05/92	20.95	7.74	13.21	24.4	ND	02/05/92	NA	NA	NA	NA
S-17	04/28/92	20.95	7.41	13.54	24.3	ND	04/28/92	7.32	1205	68.4	>200
S-17	07/27/92	20.95	8.34	12.61	24.4	ND	07/27/92	NA	NA	NA	NA
S-17	10/26/92	20.95	8.87	12.08	24.3	ND	10/26/92	7.33	1281	66.0	>200
S-18	10/08/91	21.03	8.84	12.19	18.1	ND	10/08/91	7.39	1038	71.8	NR
S-18	02/05/92	21.03	7.67	13.36	18.1	ND	02/05/92	7.39	1520	65.5	>200
S-18	04/28/92	21.03	7.40	13.63	18.0	ND	04/28/92	7.23	1458	69.7	101.0
S-18	07/27/92	21.03	8.34	12.69	18.1	ND	07/27/92	7.51	1033	73.3	13.5
S-18	10/26/92	21.03	8.83	12.20	18.0	ND	10/26/92	7.32	1355	69.3	>200

TOB = top of well box
ft-MSL = elevation in feet, relative to mean sea level
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Table 1
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Fourth Quarter 1992

Shell Station: 15275 Washington Avenue
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WIC #: 204-6852-1008

Date: 11/19/92
Project Number: G67-28.01

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)
SR-1	10/08/91	21.45	8.63	12.82	21.3	ND	10/08/91	7.14	1249	70.4	NR
SR-1	02/05/92	21.45	7.68	13.77	21.2	ND	02/06/92	6.89	1520	61.1	>200
SR-1	04/28/92	21.45	7.27	14.18	21.2	ND	04/29/92	6.52	1910	65.3	>200
SR-1	07/27/92	21.45	8.11	13.35**	21.2	0.01	07/27/92	FP	FP	FP	FP
SR-1	10/26/92	21.45	8.63	12.82	21.2	ND	10/26/92	6.75	1949	72.2	959

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
** = groundwater elevation corrected to include 80 percent of the floating product thickness measured in the well
FP = Floating product; well contained floating product and was not sampled

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

Shell Station: 15275 Washington Avenue
San Leandro, California
WIC #: 204-6852-1008

Date: 12/17/92
Project Number: G67-28.01

Sample Designation	Water Sample Field Date	TPH-g (mg/l)	Benzene (mg/l)	Toluene (mg/l)	Ethyl-benzene (mg/l)	Total Xylenes (mg/l)
S-1	10/08/91	<0.05	0.0023	<0.0005	<0.0005	<0.0005
S-1	02/05/92	0.16	0.0089	<0.0005	<0.0005	0.0060
S-1	04/28/92	<0.05	0.0024	<0.0005	<0.0005	0.0009
S-1	07/27/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005
S-1	10/26/92	0.057	0.0030	0.0016	0.0014	0.0017
SD-1	10/26/92	0.092	0.0049	0.0022	0.0021	0.0026
S-3	10/08/91	130.	3.6	1.0	2.8	8.4
S-3	02/06/92	150.	2.5	0.67	2.7	10.
S-3	04/29/92	120.	2.2	1.2	2.0	5.8
S-3	07/27/92	190.	1.4	<1.25	<1.25	3.4
S-3	10/26/92	950.	2.0$	8.4	16.	36.
S-5	10/08/91	6.6	0.37	0.0070	0.19	0.38
S-5	02/06/92	44.	4.8	0.85	2.7	8.4
S-5	04/29/92	33.	1.4	0.32	1.6	5.2
S-5	07/27/92	20.	2.4	<0.125	1.8	5.3
S-5	10/26/92	21.	1.6	0.14	1.5	2.8
S-6	10/08/91	<0.05	0.0007	<0.0005	<0.0005	<0.0005
S-6	02/05/92	NA	NA	NA	NA	NA
S-6	04/28/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005
S-6	07/27/92	NA	NA	NA	NA	NA
S-6	10/26/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005

TPH-g = total petroleum hydrocarbons as gasoline
$ = Benzene was detected at a level below the method reporting limit; result should be considered an approximate value
NA = Not applicable; well was not scheduled for sampling

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

Shell Station: 15275 Washington Avenue
San Leandro, California
WIC #: 204-6852-1008

Date: 12/17/92
Project Number: G67-28.01

Sample Designation	Water Sample Field Date	TPH-g (mg/l)	Benzene (mg/l)	Toluene (mg/l)	Ethyl-benzene (mg/l)	Total Xylenes (mg/l)
S-7	10/08/91	<0.05	<0.0005	<0.0005	<0.0005	<0.0005
S-7	02/05/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005
S-7	04/28/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005
S-7	07/27/92	0.057*	<0.0005	<0.0005	<0.0005	<0.0005
S-7	10/26/92	0.052*	<0.0005	<0.0005	<0.0005	<0.0005
S-8	10/08/91	0.58	0.095	0.0022	0.0049	0.0065
S-8	02/05/92	0.09&	0.018	<0.0005	0.0062	0.0018
S-8	04/28/92	<0.05	0.0059	<0.0005	0.0025	<0.0005
S-8	07/27/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005
S-8	10/26/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005
S-9	10/08/91	0.89	0.096	<0.0025	0.016	0.029
S-9	02/06/92	0.95	0.24	<0.0025	0.028	0.055
S-9	04/29/92	1.4&	0.29	0.003	0.10	0.081
S-9	07/27/92	0.89	0.19	<0.0025	0.066	0.068
S-9	10/26/92	0.65	0.16	<0.0025	0.063	0.089
SD-9	10/26/92	0.53	0.12	<0.0025	0.046	0.059
S-10	10/08/91	0.14	<0.0005	<0.0005	<0.0005	<0.0005
S-10	02/05/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005
S-10	04/28/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005
S-10	07/27/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005
S-10	10/26/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005

TPH-g = total petroleum hydrocarbons as gasoline
* = Concentration reported as gasoline is primarily due to the presence of a discrete hydrocarbon peak not indicative of gasoline
& = Compounds detected within the gasoline range are not charcteristic of the standard gasoline chromatographic pattern.

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

Shell Station: 15275 Washington Avenue
San Leandro, California
WIC #: 204-6852-1008

Date: 12/17/92
Project Number: G57-28.01

Sample Designation	Water Sample Field Date	TPH-g (mg/l)	Benzene (mg/l)	Toluene (mg/l)	Ethyl-benzene (mg/l)	Total Xylenes (mg/l)
S-11	10/08/91	<0.05	<0.0005	<0.0005	<0.0005	<0.0005
S-11	02/05/92	NA	NA	NA	NA	NA
S-11	04/28/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005
S-11	07/27/92	NA	NA	NA	NA	NA
S-11	10/26/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005
S-12	10/08/91	0.05	<0.0005	<0.0005	<0.0005	<0.0005
S-12	02/06/92	0.05&	<0.0005	<0.0005	<0.0005	<0.0005
S-12	04/28/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005
S-12	07/27/92	0.094*	<0.0005	<0.0005	<0.0005	<0.0005
S-12	10/26/92	0.086*	<0.0005	<0.0005	<0.0005	<0.0005
S-13	10/08/91	0.31	<0.0005	<0.0005	<0.0005	<0.0005
S-13	02/05/92	NA	NA	NA	NA	NA
S-13	04/28/92	<0.05	0.0006	<0.0005	<0.0005	<0.0005
S-13	07/27/92	NA	NA	NA	NA	NA
S-13	10/26/92	0.18*	<0.0005	<0.0005	<0.0005	<0.0005
S-14	10/08/91	5.4	0.081	0.057	0.095	0.38
S-14	02/05/92	NA	NA	NA	NA	NA
S-14	04/28/92	2.0	0.27	0.14	0.048	0.17
S-14	07/27/92	NA	NA	NA	NA	NA
S-14	10/26/92	0.92	0.033	0.012	0.025	0.088

TPH-g = total petroleum hydrocarbons as gasoline
NA = Not applicable; well was not scheduled for sampling
& = Compounds detected within the gasoline range are not charcteristic of the standard gasoline chromatographic pattern.
* = Concentration reported as gasoline is primarily due to the presence of a discrete hydrocarbon peak not indicative of gasoline

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

Shell Station: 15275 Washington Avenue
San Leandro, California
WIC #: 204-6852-1008

Date: 12/17/92
Project Number: G67-28.01

Sample Designation	Water Sample Field Date	TPH-g (mg/l)	Benzene (mg/l)	Toluene (mg/l)	Ethyl-benzene (mg/l)	Total Xylenes (mg/l)
S-15	10/08/91	<0.05	<0.0005	<0.0005	<0.0005	<0.0005
S-15	02/06/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005
S-15	04/28/92	0.05	0.0008	0.0009	<0.0005	0.0014
S-15	07/27/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005
S-15	10/26/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005
S-16	10/08/91	0.05	0.017	0.0014	0.0012	0.0055
S-16	02/05/92	0.15	0.065	0.0007	<0.0005	0.0084
S-16	04/29/92	<0.05	0.013	<0.0005	<0.0005	<0.0005
S-16	07/27/92	0.51	0.13	<0.0025	<0.0025	0.021
S-16	10/26/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005
S-17	10/08/91	<0.05	<0.0005	<0.0005	<0.0005	<0.0005
S-17	02/05/92	NA	NA	NA	NA	NA
S-17	04/28/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005
S-17	07/27/92	NA	NA	NA	NA	NA
S-17	10/26/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005
S-18	10/08/91	<0.05	<0.0005	<0.0005	<0.0005	<0.0005
S-18	02/05/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005
S-18	04/28/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005
S-18	07/27/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005
S-18	10/26/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005

TPH-g = total petroleum hydrocarbons as gasoline
NA = Not applicable; well was not scheduled for sampling

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

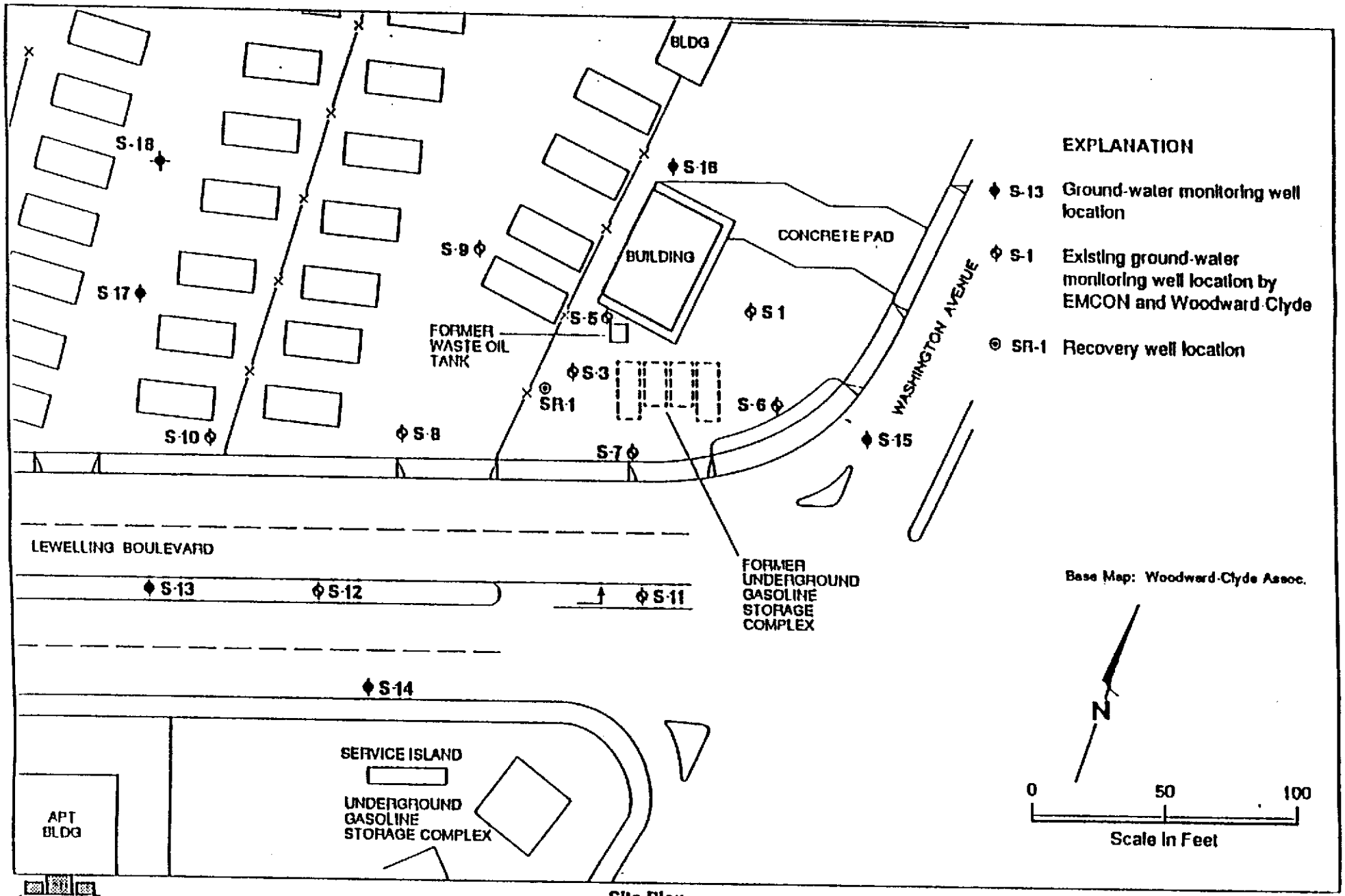
Shell Station: 15275 Washington Avenue
San Leandro, California
WIC #: 204-6852-1008

Date: 12/17/92
Project Number: G67-28.01

Sample Designation	Water Sample Field Date	TPH-g (mg/l)	Benzene (mg/l)	Toluene (mg/l)	Ethyl-benzene (mg/l)	Total Xylenes (mg/l)
SR-1	10/08/91	0.98	0.079	0.0015	0.044	0.052
SR-1	02/06/92	3.8	0.58	0.036	0.32	0.40
SR-1	04/29/92	38.	1.8	0.46	1.9	7.5
SR-1	07/27/92	FP	FP	FP	FP	FP
SR-1	10/26/92	1.8	0.37	0.010	0.13	0.13
FB	07/27/92	<0.05+	<0.0005+	<0.0005+	<0.0005+	<0.0005+
FB	10/26/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005
TB	02/06/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005
TB	04/29/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005
TB	07/27/92	<0.05+	<0.0005+	<0.0005+	<0.0005+	<0.0005+
TB	10/26/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005

TPH-g = total petroleum hydrocarbons as gasoline
FP = Floating product; well contained floating product and was not sampled
+ = Samples TB and FB from 07/27/92 are called TB-1 and FB-1 on the chain-of-custody form and certified analytical report

Figure 1
(Supplied by Geo Strategies, Inc.)



GeoStrategies Inc.

Site Plan
Former Shell Service Station
15275 Washington Avenue
San Leandro, California

JOB NUMBER 761501-14
REVIEWED BY
DATE 9/91
REVISED DATE
REVISED DATE

ANAMETRIX INC
Environmental & Analytical Chemistry

Part of INCHCAPE ENVIRONMENTAL

REPORT

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

Workorder # : 9210424
Date Received : 10/26/92
Project ID : 204-6852-1008
Purchase Order: MOH-B813

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

ANAMETRIX ID	CLIENT SAMPLE ID
9210424- 1	S-10
9210424- 2	S-11
9210424- 3	S-15
9210424- 4	S-17
9210424- 5	S-18
9210424- 6	S-6
9210424- 7	S-7
9210424- 8	S-12
9210424- 9	S-8
9210424-10	S-1
9210424-11	S-14
9210424-12	S-16
9210424-13	S-13
9210424-14	S-9
9210424-15	SR-1
9210424-16	S-5
9210424-17	S-3
9210424-18	SD-1
9210424-19	TB
9210424-20	FB
9210424-21	SD-9

This report consists of 9 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.

EMCON ASSOCIATES

Sarah Schoen, Ph.D.
Laboratory Director

NOV 1 0 1992
RECEIVED

11-09-92
Date

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

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

Workorder # : 9210424
Date Received : 10/26/92
Project ID : 204-6852-1008
Purchase Order: MOH-B813
Department : GC
Sub-Department: TPH

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9210424- 1	S-10	WATER	10/26/92	TPHg/BTEX
9210424- 2	S-11	WATER	10/26/92	TPHg/BTEX
9210424- 3	S-15	WATER	10/26/92	TPHg/BTEX
9210424- 4	S-17	WATER	10/26/92	TPHg/BTEX
9210424- 5	S-18	WATER	10/26/92	TPHg/BTEX
9210424- 6	S-6	WATER	10/26/92	TPHg/BTEX
9210424- 7	S-7	WATER	10/26/92	TPHg/BTEX
9210424- 8	S-12	WATER	10/26/92	TPHg/BTEX
9210424- 9	S-8	WATER	10/26/92	TPHg/BTEX
9210424-10	S-1	WATER	10/26/92	TPHg/BTEX
9210424-11	S-14	WATER	10/26/92	TPHg/BTEX
9210424-12	S-16	WATER	10/26/92	TPHg/BTEX
9210424-13	S-13	WATER	10/26/92	TPHg/BTEX
9210424-14	S-9	WATER	10/26/92	TPHg/BTEX
9210424-15	SR-1	WATER	10/26/92	TPHg/BTEX
9210424-16	S-5	WATER	10/26/92	TPHg/BTEX
9210424-17	S-3	WATER	10/26/92	TPHg/BTEX
9210424-18	SD-1	WATER	10/26/92	TPHg/BTEX
9210424-19	TB	WATER	10/19/92	TPHg/BTEX
9210424-20	FB	WATER	10/26/92	TPHg/BTEX
9210424-21	SD-9	WATER	10/26/92	TPHg/BTEX

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

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

Workorder # : 9210424
Date Received : 10/26/92
Project ID : 204-6852-1008
Purchase Order: MOH-B813
Department : GC
Sub-Department: TPH

QA/QC SUMMARY :

- The concentrations reported as gasoline for samples S-7, S-12 and S-13 are primarily due to the presence of a discrete hydrocarbon peak not indicative of gasoline.

Cheryl Balmer 11/9/92
Department Supervisor Date

Steve Sorg 11/09/92
Chemist Date

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

Anametrix W.O.: 9210424
Matrix : WATER
Date Sampled : 10/26/92

Project Number : 204-6852-1008
Date Released : 11/09/92

COMPOUNDS	Reporting Limit (mg/L)	Sample I.D.# S-10 -01	Sample I.D.# S-11 -02	Sample I.D.# S-15 -03	Sample I.D.# S-17 -04	Sample I.D.# S-18 -05
Benzene	0.0005	ND	ND	ND	ND	ND
Toluene	0.0005	ND	ND	ND	ND	ND
Ethylbenzene	0.0005	ND	ND	ND	ND	ND
Total Xylenes	0.0005	ND	ND	ND	ND	ND
TPH as Gasoline	0.050	ND	ND	ND	ND	ND
% Surrogate Recovery		110%	106%	112%	108%	87%
Instrument I.D.		HP4	HP4	HP4	HP4	HP4
Date Analyzed		11/02/92	11/02/92	11/02/92	11/02/92	11/02/92
RLMF		1	1	1	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.

Steve Anna 11/09/92
Analyst Date

Cheryl Burlingame 11/9/92
Supervisor Date

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

Anametrix W.O.: 9210424
Matrix : WATER
Date Sampled : 10/26/92

Project Number : 204-6852-1008
Date Released : 11/09/92

	Reporting Limit	Sample I.D.# S-6	Sample I.D.# S-7	Sample I.D.# S-12	Sample I.D.# S-8	Sample I.D.# S-1
COMPOUNDS	(mg/L)	-06	-07	-08	-09	-10
Benzene	0.0005	ND	ND	ND	ND	0.0030
Toluene	0.0005	ND	ND	ND	ND	0.0016
Ethylbenzene	0.0005	ND	ND	ND	ND	0.0014
Total Xylenes	0.0005	ND	ND	ND	ND	0.0017
TPH as Gasoline	0.050	ND	0.052	0.086	ND	0.057
% Surrogate Recovery		108%	115%	96%	114%	109%
Instrument I.D.		HP4	HP4	HP4	HP4	HP4
Date Analyzed		11/02/92	11/02/92	11/02/92	11/02/92	11/02/92
RLMF		1	1	1	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.

Steve Sma 11/09/92
Analyst Date

Cheryl Bauman 11/9/92
Supervisor Date

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

Anametrix W.O.: 9210424
Matrix : WATER
Date Sampled : 10/26/92

Project Number : 204-6852-1008
Date Released : 11/09/92

COMPOUNDS	Reporting Limit (mg/L)	Sample I.D.# S-14 -11	Sample I.D.# S-16 -12	Sample I.D.# S-13 -13	Sample I.D.# S-9 -14	Sample I.D.# SR-1 -15
Benzene	0.0005	0.033	ND	ND	0.16	0.37
Toluene	0.0005	0.012	ND	ND	ND	0.010
Ethylbenzene	0.0005	0.025	ND	ND	0.063	0.13
Total Xylenes	0.0005	0.088	ND	ND	0.089	0.13
TPH as Gasoline	0.050	0.92	ND	0.18	0.65	1.8
% Surrogate Recovery		95%	105%	102%	89%	89%
Instrument I.D.		HP4	HP4	HP4	HP4	HP4
Date Analyzed		11/03/92	11/03/92	11/03/92	11/02/92	11/03/92
RLMF		10	1	1	5	10

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.

Steve Sung 11/09/92
Analyst Date

C. Donald Baldwin 11/9/92
Supervisor Date

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

Anametrix W.O.: 9210424
Matrix : WATER
Date Sampled : 10/26/92

Project Number : 204-6852-1008
Date Released : 11/09/92

COMPOUNDS	Reporting Limit (mg/L)	Sample I.D.# S-5 -16	Sample I.D.# S-3 -17	Sample I.D.# SD-1 -18	Sample I.D.# TB -19	Sample I.D.# FB -20
Benzene	0.0005	1.6	2.0 J	0.0049	ND	ND
Toluene	0.0005	0.14	8.4	0.0022	ND	ND
Ethylbenzene	0.0005	1.5	16	0.0021	ND	ND
Total Xylenes	0.0005	2.8	36	0.0026	ND	ND
TPH as Gasoline	0.050	21	950	0.092	ND	ND
% Surrogate Recovery		88%	130%	95%	100%	99%
Instrument I.D.		HP4	HP4	HP4	HP4	HP4
Date Analyzed		11/03/92	11/04/92	11/03/92	11/03/92	11/03/92
RLMF		250	5000	1	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.
J - Estinated value below reporting limit.

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

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

Steve Sun 12/07/92
Analyst Date

Cheryl Balmer 12/7/92
Supervisor Date

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

Anametrix W.O.: 9210424
Matrix : WATER
Date Sampled : 10/26/92

Project Number : 204-6852-1008
Date Released : 11/09/92

COMPOUNDS	Reporting Limit (mg/L)	Sample I.D.# SD-9 -21	Sample I.D.# BN0201E2 BLANK	Sample I.D.# BN0301E2 BLANK	Sample I.D.# BN0401E2 BLANK
Benzene	0.0005	0.12	ND	ND	ND
Toluene	0.0005	ND	ND	ND	ND
Ethylbenzene	0.0005	0.046	ND	ND	ND
Total Xylenes	0.0005	0.059	ND	ND	ND
TPH as Gasoline	0.050	0.53	ND	ND	ND
% Surrogate Recovery		100%	120%	99%	122%
Instrument I.D.		HP4	HP4	HP4	HP4
Date Analyzed		11/03/92	11/02/92	11/03/92	11/04/92
RLMF		5	1	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.

Steve Sund 11/09/92
Analyst Date

Cheryl Balmer 11/9/92
Supervisor Date

TOTAL VOLATILE HYDROCARBON MATRIX SPIKE REPORT
EPA METHOD 5030 WITH GC/FID
ANAMETRIX, INC. (408) 432-8192

Sample I.D.	: 204-6852-1008 S-1	Anametrix I.D.	: 9210424-10
Matrix	: WATER	Analyst	:
Date Sampled	: 10/26/92	Supervisor	:
Date Analyzed	: 11/02/92	Date Released	: 11/09/92
		Instrument I.D.	: HP4

COMPOUND	SPIKE AMT (mg/L)	SAMPLE CONC (mg/L)	REC MS	%REC MS	REC MD (mg/L)	%REC MD	RPD	%REC LIMITS
BENZENE	0.020	0.0030	0.019	80%	0.019	80%	0%	49-159
TOLUENE	0.020	0.0016	0.020	92%	0.020	92%	0%	53-156
ETHYLBENZENE	0.020	0.0014	0.020	93%	0.020	93%	0%	54-151
TOTAL XYLENES	0.020	0.0017	0.019	87%	0.019	87%	0%	56-157
p-BFB				104%		101%		53-147

* Quality control established by Anametrix, Inc.

BTEX LABORATORY CONTROL SAMPLE REPORT
EPA METHOD 5030 WITH GC/PID
ANAMETRIX, INC. (408) 432-8192

Sample I.D.	: LAB CONTROL SAMPLE	Anametrix I.D.	: LCSW1102
Matrix	: WATER	Analyst	: MS
Date Sampled	: N/A	Supervisor	: CB
Date Analyzed	: 11/02/92	Date Released	: 11/09/92
		Instrument ID	: HP4

COMPOUND	SPIKE AMT. (mg/L)	LCS (mg/L)	REC LCS	%REC LIMITS
Benzene	0.020	0.017	85%	49-159
Toluene	0.020	0.018	90%	53-156
Ethylbenzene	0.020	0.019	95%	54-151
TOTAL-Xylenes	0.020	0.018	90%	56-157
P-BFB			98%	53-147

* Limits established by Anametrix, Inc.

SHELL OIL COMPANY 9210424
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD

(A) 16:45 J.D. Serial No: 12885

Date:

Page 1 of 3

Site Address: 15275 Washington Avenue San Leandro, CA

WIC#: 204-6852-1008

Shell Engineer: Paul Hayes — Phone No.: (510) Fax#: 675-6169

Consultant Name & Address: EMCON Associates 1938 Junction Avenue San Jose, CA 95131

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

Comments: 3-VOAs(HCl) for gas, BTEX

Sampled by: MAdler

Printed Name: MAdler

LAB: Anametrix

CHECK ONE (1) BOX ONLY — CT/DI

- Quarterly Monitoring [X] 6441
- Site Investigation [ ] 6441
- Soil Classify/Disposal [ ] 6442
- Water Classify/Disposal [ ] 6443
- Soil/Air Rem. or Sys. O & M [ ] 6462
- Water Rem. or Sys. O & M [ ] 6463
- Other [ ]

TURN AROUND TIME

- 24 hours [ ]
- 48 hours [ ]
- 15 days [X] (Normal)
- Other [ ] ____

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

Analysis Required

Sample ID	Date	Sludge	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	Combination TPH 8015 & BTEX 8020 gasoline			Asbestos	Container Size	Preparation Used	Composite Y/N	MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS
1 S-10	10-26-92			X		3						X				40 ml	HCl	No		
2 S-11						3						X								
3 S-15						3						X								
4 S-17						3						X								
5 S-18						3						X								
6 S-6						3						X								
7 S-7						3						X								
8 S-12						3						X								

Relinquished By (signature): MAdler	Printed Name: MAdler	Date: 10-26-92 Time: 1625	Received (signature): Josephine DeCarli	Printed Name: Josephine DeCarli	Date: 10/26/92 Time: 16:25
Relinquished By (signature):	Printed Name:	Date: Time:	Received (signature):	Printed Name:	Date: Time:
Relinquished By (signature):	Printed Name:	Date: Time:	Received (signature):	Printed Name:	Date: Time:

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

Rev. 10/91

Blue On Over at Custody

SHELL OIL COMPANY 9210424
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD

(16) 16:45 g.d. Serial No: 1288-5

Date:

Page 2 of 3

Site Address: 15275 Washington Avenue San Leandro, CA

WIC#: 204-6852-1008

Shell Engineer: Paul Hayes

Phone No.: (510) 675-6169

Consultant Name & Address: EMCON Associates 1938 Junction Avenue San Jose, CA 95131

Consultant Contact: David Larsen

Phone No.: (408) 453-2269

Comments: 3-VOAs (HCl) for gas, BTEX

Sampled by: MAdler

Printed Name: MAdler

LAB: Anametrix

Sample ID	Date	Sludge	Soil	Water	Air	No. of cont.	TPH (EPA 8015 Mod. Gas)	TPH (EPA 8015 Mod. Diesel)	BTEX (EPA 8020/602)	Volatile Organics (EPA 8240)	Test for Disposal	Combination TPH 8015 & BTEX 8020 gasoline	Asbestos	Container Size	Preparation Used	Composite Y/N	MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS
(9) S-8	10/26/92			X		3						X		40 ml	HCl	No		
(10) S-1						3						X						
(11) S-14						3						X						
(12) S-16						3						X						
(13) S-13						3						X						
(14) S-9						3						X						
(15) SR-1						3						X						
(16) S-5						3						X						

CHECK ONE (1) BOX ONLY | CT/DT | TURN AROUND TIME

- Quarterly Monitoring: X — 6441
- Site Investigation: ☐ — 6441
- Soil Classify/Disposal: ☐ — 6442
- Water Classify/Disposal: ☐ — 6443
- Soil/Air Rem. or Sys. O & M: ☐ — 6452
- Water Rem. or Sys. O & M: ☐ — 6453
- Other: ☐

TURN AROUND TIME:

- 24 hours ☐
- 48 hours ☐
- 15 days X (Normal)
- Other ☐

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

Relinquished By (signature)	Printed Name	Date	Time	Received (signature)	Printed Name	Date	Time
MAdler	MAdler	10-26-92	1625	Josephine DeCarli	Josephine DeCarli	10/26/92	16:25
Relinquished By (signature):	Printed Name:	Date:	Time:	Received (signature):	Printed Name:	Date:	Time:
Relinquished By (signature):	Printed Name:	Date:	Time:	Received (signature):	Printed Name:	Date:	Time:

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

Shell Oil Co. Chain of Custody

SHELL OIL COMPANY 9210424
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD

(18) 16:45 Serial No: 1288-5

Date:

Page 3 of 3

Site Address: 15275 Washington Avenue San Leandro, CA

WIC#: 204-6852-1008

Shell Engineer: Paul Hayes Phone No.:(510) Fax#: 675-6169

Consultant Name & Address: EMCON Associates 1938 Junction Avenue San Jose, CA 95131

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

Comments: 3-VOAs (HCl) for gas, BTEX

Sampled by: M Adler

Printed Name: M Adler

LAB: Anametrix

CHECK ONE (1) BOX ONLY | CT/DT

- Quarterly Monitoring [X] 6441
- Site Investigation [ ] 6441
- Soil Closure/Disposal [ ] 6442
- Water Closure/Disposal [ ] 6443
- Soil/Air Rem. or Sys. O & M [ ] 6482
- Water Rem. or Sys. O & M [ ] 6483
- Other [ ]

TURN AROUND TIME

- 24 hours [ ]
- 48 hours [ ]
- 15 days [X] (Normal)
- Other [ ] ____

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

Analysis Required

	Sample ID	Date	Sludge	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	Combination TPH 8015 & BTEX 8020 *gasoline			Asbestos	Container Size	Preparation Used	Composite Y/N	MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS
(17)	S-3	10-26-92			X		3						X				40 ml	HCl	No		
(18)	SD-1	10-26-92					3						X								
(19)	TB	10-19-92					3						X								
(20)	FB	10-26-92					3						X								
	FB	10-26-92					3						X							FB-2 uncracked MA. 1 DAY JOB	
(21)	SD-9	10-26-92			X		3						X								

Relinquished By (signature): M Adler	Printed Name: M Adler	Date: 10-26-92 Time: 1625	Received (signature): Josephine DeCarli	Printed Name: Josephine DeCarli	Date: 10/26/92 Time: 16:25
Relinquished By (signature):	Printed Name:	Date: Time:	Received (signature):	Printed Name:	Date: Time:
Relinquished By (signature):	Printed Name:	Date: Time:	Received (signature):	Printed Name:	Date: Time:

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

Rev. 01/91

Shell Oil Chain of Custody