EXXON COMPANY, U.S.A.

P.O. BOX 4032 • CONCORD, CALIFORNIA 94524-4032
MARKETING DEPARTMENT • ENVIRONMENTAL ENGINEERING

DARIN L. ROUSE
SENIOR ENGINEER

(925) 246-8768
(925) 246-8798 FAX

December 9, 1999

RE: EXXON RAS No. 7-3399/2991 Hopyard Road, Pleasanton, California

Dear Mr. Seery:

Attached for your review and comment is a document entitled *Soil Borings and Well Destruction Results Report* for the above referenced site. This document was prepared by Delta Environmental Consultants, Inc., of Rancho Cordova, California, and summarizes the most recent drilling activities and proposed installation of wells at the subject site.

If you have any questions or comments, please contact me at (925) 246-8768.

Sincerely,

Darin L. Rouse
Senior Engineer

DLR/tjm

attachment: Delta's entitled, *Soil borings and Well Destruction Results Report* dated December 6, 1999.

cc: w/attachment
Mr. Steve Asmann – Station Operator
Mr. Chuck Healdlee - California Regional Water Quality Control Board, San Francisco Bay Region
Mr. Steve Cusenza - City of Pleasanton Public Works Department
Mr. Matthew Katen - Alameda County Flood Control (Zone 7)
Ms. Kathy Simonelli - Geological Services Corporation

w/o attachment
Mr. James Brownell - Delta Environmental Consultants, Inc.

SOIL BORINGS AND WELL DESTRUCTION RESULTS REPORT

EXXON SERVICE STATION No. 7-3399
2991 HOPYARD ROAD
PLEASANTON, CALIFORNIA
DELTA PROJECT NO. D094-836

December 6, 1999

Prepared By

DELTA ENVIRONMENTAL CONSULTANTS, INC.
3164 Gold Camp Drive, Suite 200
Rancho Cordova, California 95670
(916) 638-2085

Delta
Environmental
Consultants, Inc.

3164 Gold Camp Drive
Suite 200
Rancho Cordova, CA 95670-6021
U.S.A.
916/638-2085
FAX: 916/638-8385

December 6, 1999

Mr. Darin L. Rouse
Exxon Company, U.S.A.
2300 Clayton Road, Suite 1250
Concord, California 94520

Subject: *Soil Boring and Well Destruction Results Report*
Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California
Delta Project No. D094-836

Dear Mr. Rouse:

Delta Environmental Consultants, Inc. (Delta) has been authorized by Exxon Company, U.S.A. (Exxon) to prepare a report summarizing additional hydrogeologic investigation activities at the subject site. The location of the site is presented in Figure 1 and a Site Map is included in Figure 2. This report describes the installation of 13 soil borings and the destruction of two vapor extraction wells. Copies of the permits issued by Alameda County Flood Control and Water Conservation District (Zone 7) for the soil borings and well destruction are included as Enclosure A. Field methods and procedures to be used carrying out the work are summarized in Enclosure B.

Work Performed

Prior to initiation of drilling activities Delta employed NORCAL under ground surveying of San Francisco, California to locate onsite underground utilities. Water, gas, electrical, sewer, and storm drain lines were located to assist in positioning of soil borings. Locations of the under ground utilities are illustrated on Figure 2. Morrow Surveying of West Sacramento, California a licensed land surveyor was contracted to survey well casings, surface elevations, and relevant site features.

On October 25, 1999, Delta geologist were onsite to oversee Vironex Environmental Field Services of Hayward, California advance 13 soil borings (GP-1 through GP-13) onsite. The borings were drilled to depths ranging between 12 to 16 feet below surface grade (bsg) for the collection of soil and ground water samples. The locations of the soil borings are shown on Figure 3. Each boring was continuously logged using the Unified Soil Classification System (USCS) visual and manual method to the total depth of each boring. Soil samples were collected at 4-foot vertical intervals for screening of organic vapors using a flame-ionization detector (FID). Boring logs containing USCS descriptions of soil types encountered, FID readings, and other pertinent drilling information are included in Enclosure C.

Selected soil samples were submitted to Southern Petroleum Laboratories (SPL) of Houston, Texas for chemical analysis. Samples submitted were analyzed for benzene, toluene, ethylbenzene, and total xylenes (BTEX) and methyl tertiary butyl ether (MTBE) using EPA Method 8260B and total purgeable petroleum hydrocarbons (TPPH) as gasoline using EPA Method 8015 Modified.

Ground water samples were collected from the perched water-bearing zone. Recharge to the borings was very slow. Therefore, to facilitate the collection of perched ground water samples a ¾-inch diameter PVC casing was inserted into each boring. Depending on the borings depth the lower most 5 or 10 feet was screened with 0.020 casing. On October 26, 1999, each casing location was checked for the presence of ground water. Only the casings for boring locations GP-1, GP-4 through GP-7, and GP-13 contained water and were sampled. Perched ground water samples were submitted to SPL for analysis of BTEX and MTBE by EPA Method 8021B. Concentrations of MTBE reported using EPA Method 8021B were confirmed by using EPA Method 8260B.

Water samples were collected from within an oil-water separator located between the site's drain inlets and discharge to the City storm drain. The location of the oil-water separator is illustrated on Figure 3. The water samples were analyzed for BTEX and MTBE by previously mentioned methods. Additionally, the oil-water separator samples were analyzed for fuel fingerprint by EPA Method 8015B and semivolatile organic compounds (SVOC's) by EPA Method 8270C.

Soil Sample Analytical Results

Laboratory analysis did not detect BTEX concentrations in any of the soil samples from GP-1 through GP-13. Concentrations of TPPH as gasoline were reported in soil samples identified as GP-1-16 and GP-6-14 at 2.2 mg/kg and 1.2 mg/kg, respectively. Concentrations of MTBE were reported in soil samples GP-4-12, GP-5-8, GP-5-12, and GP-10-12 ranging from 0.02 mg/kg (GP-10-12) to 1100 mg/kg (GP-5-12). Soil sample analytical results for the recent drilling event are summarized in Table 1. A copy of the laboratory analytical report with chain of custody documentation is included in Enclosure D. Concentrations of benzene, TPPH as gasoline and MTBE reported by laboratory analyses are illustrated on Figure 4.

Perched Ground Water Analytical Results

Laboratory analysis of the water sample collected from soil boring GP-7 did not detect concentrations of any analytes. Concentrations of benzene were not reported in any of the water samples collected at or above the laboratory reporting limit (1.0 microgram per liter (µg/L). Concentrations of MTBE by EPA Method [redacted] were reported in water samples collected from borings GP-1, GP-4 through GP-6, and GP-13 ranging from 3.7 µg/L (GP-13-W) to 19,000 µg/L (GP-5-W). Concentrations of MTBE by EPA Method 8260B were reported in water samples collected from borings GP-1 and GP-4 through GP-6 ranging 6 µg/l in GP-6-W to 4,000 µg/L in GP-5-W.

Laboratory analyses on the water samples collected from the oil-water separator detected concentrations of BTEX constituents, MTBE, SVOC's, and diesel range organics. Toluene was reported at 2 µg/L, total xylenes at 7 µg/L, and MTBE at 8 µg/L (EPA Method 8260B). The following SVOC's were reported 2-methlnaphthanalene at 16µg/l, bis (2-ethylhexyl)phthalate at 33 µg/l, naphthalene at 8 µg/l, and phenanthrene at 12 µg/L. Extractable petroleum hydrocarbons were reported at 200,000 µg/l within the carbon range of C10 to C36, but without a definable petroleum chromatogram. The chromatogram is included with the laboratory report. A map illustrating benzene, TPPH as gasoline and MTBE concentrations for perched water samples is included as Figure 5. The analytical results for the perched ground water samples are summarized in Table 2. A copy of the laboratory report with chain of custody documentation is included in Enclosure E.

During the most recent quarterly monitoring event conducted at the site on September 24, 1999, depth to water was measured in wells OW-1, OW-3, VR-3 and VR-4. Using the surveyed casing elevations and depth to water measurements, a perched ground water elevation contour map was generated and is included as Figure 6. Perched ground water measurements and analytical results are summarized in Table 3.

Well Destruction

On November 5, 1999 a Delta geologist was onsite to oversee Woodward Drilling of Rio Vista, California destroy vapor extraction wells VR-3 and VR-4 by over-drilling. Prior to over-drilling each well casing was measured for silt accumulation or bridged materials and compared to the original installed depth. No bridged material or major silt accumulations were encountered within the casings. Each well was over-drilled destroying the casing to a depth of 36-feet bsg. The borings were backfilled with neat cement grout from their base to the bottom of each vault box.

Soil Stockpile

Soil generated from drilling activities was containerized in three 55-gallon DOT drums on-site. Soil samples were collected from each drum and submitted for chemical analysis to assess disposal options. Following receipt of soil analytical results and acceptance by the designated disposal facility a licensed waste transporter will be contracted to remove the soil.

Proposed Scope of Work

Based on the November 18, 1999, meeting attended by representatives from Delta, Exxon, Alameda County Environmental Health Department (ACEHD) and Alameda County Water Conservation District (Zone-7) it was verbally agreed that shallow monitoring wells should be installed at the site. Delta proposes to install six perched ground water monitoring wells each to a total depth of sixteen feet bsg. The locations of the proposed wells are illustrated on Figure 3.

Each boring location will be sampled and logged at a minimum vertical interval of five feet. Soil samples collected in the field will be logged according to ASTM 2488-84 Unified Soil Classification System, visual and manual method. Additionally, each sample will be screened in the field for the presence of petroleum hydrocarbon vapors using a flameionization detector (FID). Geologic data, FID readings, and methods used to advance each boring will be recorded on boring logs.

Soil samples submitted for chemical analysis will be selected based on soil type, stratagraphic location, and FID readings. The samples will be submitted to SPL in Houston, Texas for analysis of BTEX and MTBE by EPA Method 8260B and TPPH as gasoline by EPA Method 8015C.

The proposed wells will be installed using a truck mounted drill rig using 10-inch diameter hollow stem augers. Each well will be constructed using 4-inch diameter flush threaded schedule 40 PVC casing. The screened interval will begin at 6 feet extending to 16 feet bsg and consist of 0.020 slotted casing. The annular space will be filled with Lonestar No. 3 sand to 6-inches above the top of the screen interval and a 1-foot bentonite seal will be emplaced above the filter pack. The remaining annulus will be filled with neat cement grout to within 6-inches of surface grade and the top will be completed with a 12-inch traffic rated well box set in concrete. The proposed well construction details are illustrated in Enclosure F.

Schedule

Drilling activities are tentatively scheduled for December 16 and 17, 1999. The necessary well installation permits will be submitted to Zone-7.

Remarks/Signatures

The interpretations contained in this document represent our professional opinions, and are based, in part, on information supplied by the client. These opinions are based on currently available information and are arrived at in accordance with currently accepted hydrogeological and engineering practices at this time and location. Other than this, no warranty is implied or intended.

Delta recommends that a copy of this document be forwarded to:

Mr. Scott Seery
Alameda County Health Care Services
1131 Harbor Bay Parkway
Alameda, Ca. 94502-5577

Mr. Chuck Headlee
California Regional Water Quality Control Board,
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland Ca. 94612

Mr. Matthew Katen
Alameda County Flood Control and
Water Conversation District (Zone 7)
5997 Parkside Drive
Pleasanton, Ca. 94566

Mr. Stephen Cusenza
City of Pleasanton Public Works Department
Post Office box 520
Pleasanton, Ca. 94566

Mr. Steve Asmann
Steve's Exxon
2991 Hopyard Road
Pleasanton, Ca. 94588

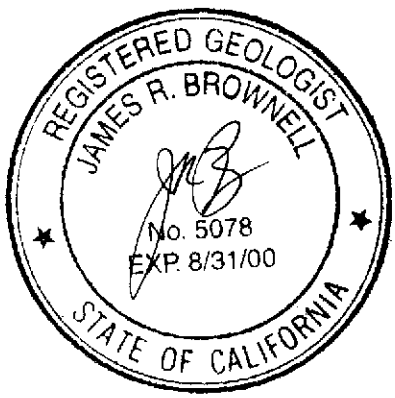
If you have any questions regarding this project, please contact Jim Brownell at (916) 638-2765.

Sincerely,

DELTA ENVIRONMENTAL CONSULTANTS, INC.

J. William Speth
Project Geologist

James R. Brownell, R.G.
Project Manager
California Registered Geologist No. 5078



JWS (Lrp029.836)
Enclosures

TABLE 1

GEOPROBE SOIL SAMPLE ANALYTICAL RESULTS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Sample ID	Date	Depth (ft)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Total Xylenes (mg/L)	TPPH as gasoline (mg/L)	MTBE [illegible] mg/L mg/kg
GP-1-7.5	10/25/99	7.5	<0.005	<0.005	<0.005	<0.005	<1.0	<0.01
GP-1-11.5	10/25/99	11.5	<0.005	<0.005	<0.005	<0.005	<1.0	<0.01
GP-1-16	10/25/99	16	<0.005	<0.005	<0.005	<0.005	2.2	<0.01
GP-2-6	10/25/99	6	<0.005	<0.005	<0.005	<0.005	<1.0	<0.01
GP-2-12	10/25/99	12	<0.005	<0.005	<0.005	<0.005	<1.0	<0.01
GP-3-8	10/25/99	8	<0.005	<0.005	<0.005	<0.005	<1.0	<0.01
GP-3-12	10/25/99	12	<0.005	<0.005	<0.005	<0.005	<1.0	<0.01
GP-4-8	10/25/99	8	<0.005	<0.005	<0.005	<0.005	<1.0	<0.01
GP-4-12	10/25/99	12	<0.005	<0.005	<0.005	<0.005	<1.0	0.07
GP-5-8	10/25/99	8	<0.005	<0.005	<0.005	<0.005	<1.0	0.015
GP-5-12	10/25/99	12	<0.005	<0.005	<0.005	<0.005	<1.0	1,100[a]
GP-6-8	10/25/99	8	<0.005	<0.005	<0.005	<0.005	<1.0	<0.01
GP-6-11	10/25/99	11	<0.005	<0.005	<0.005	<0.005	<1.0	<0.01
GP-6-14	10/25/99	14	<0.005	<0.005	<0.005	<0.005	1.2	<0.01
GP-7-8	10/25/99	8	<0.005	<0.005	<0.005	<0.005	<1.0	<0.01
GP-7-12	10/25/99	12	<0.005	<0.005	<0.005	<0.005	<1.0	<0.01
GP-7-14	10/25/99	14	<0.005	<0.005	<0.005	<0.005	<1.0	<0.01
GP-8-8	10/25/99	8	<0.005	<0.005	<0.005	<0.005	<1.0	<0.01
GP-8-12	10/25/99	12	<0.005	<0.005	<0.005	<0.005	<1.0	<0.01
GP-8-16	10/25/99	16	<0.005	<0.005	<0.005	<0.005	<1.0	<0.01
GP-9-8	10/25/99	8	<0.005	<0.005	<0.005	<0.005	<1.0	<0.01
GP-9-12	10/25/99	12	<0.005	<0.005	<0.005	<0.005	<1.0	<0.01
GP-9-16	10/25/99	16	<0.005	<0.005	<0.005	<0.005	<1.0	<0.01
GP-10-8	10/25/99	8	<0.005	<0.005	<0.005	<0.005	<1.0	<0.01
GP-10-12	10/25/99	12	<0.005	<0.005	<0.005	<0.005	<1.0	0.02
GP-10-16	10/25/99	16	<0.005	<0.005	<0.005	<0.005	<1.0	<0.01

TABLE 1

GEOPROBE SOIL SAMPLE ANALYTICAL RESULTS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Sample ID	Date	Depth (ft)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Total Xylenes (mg/L)	TPPH as gasoline (mg/L)	MTBE (mg/L)
GP-11-8	10/25/99	8	<0.005	<0.005	<0.005	<0.005	<1.0	<0.01
GP-11-12	10/25/99	12	<0.005	<0.005	<0.005	<0.005	<1.0	<0.01
GP-12-8	10/25/99	8	<0.005	<0.005	<0.005	<0.005	<1.0	<0.01
GP-12-12	10/25/99	12	<0.005	<0.005	<0.005	<0.005	<1.0	<0.01
GP-13-8	10/25/99	8	<0.005	<0.005	<0.005	<0.005	<1.0	<0.01
GP-13-12	10/25/99	12	<0.005	<0.005	<0.005	<0.005	<1.0	<0.01

a = Estimated value between Method Detection Limit (MDL) and Practical Quanitation Limit (PQL).
mg/kg = Milligram per kilogram.
TPPH = Total purgeable petroleum hydrocarbons by EPA Method 8015 Modified.
MTBE = Methyl tertiary butyl ether by EPA Method 8260B.

TABLE 2

PERCHED GROUND WATER SAMPLE ANALYTICAL RESULTS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	Fuel Finger Print (µg/L)	MTBE (µg/L)	SVO (µg/L)
GP-1-W	10/26/99	<1.0	1.4	<1.0	<1.0	NA	NA	34/32[a]	NA
GP-4-W	10/26/99	<1.0	<1.0	<1.0	<1.0	NA	NA	140/130[a]	NA
GP-5-W	10/26/99	<1.0	1	<1.0	<1.0	NA	NA	19,000/14,000[a]	NA
GP-6-W	10/26/99	<1.0	5.5	<1.0	3.7	NA	NA	10/6[a]	NA
GP-7-W	10/26/99	<1.0	<1.0	<1.0	<1.0	NA	NA	<1.0	NA
GP-13-W	10/26/99	<1.0	1.3	<1.0	<1.0	NA	NA	3.7/<5.0[a]	NA
Oil/Water Separator	10/26/99	<1.0	2	<1.0	7.0	NA	200,000[b]	7.4/8[a]	16[c]/33[d]/8[e]/12[f]
Trip Blank	10/26/99	<1.0	<1.0	<1.0	<1.0	NA	NA	<1.0	NA

TPPH = Total purgeable petroleum hydrocarbons by EPA Method 8015 Modified.
MTBE = Methyl tertiary butyl ether by EPA Method 8021B, except as noted.
SVO = Semi-volatile organic compounds by EPA Method 8270.
µg/l = Micrograms per liter.
NA = Not analyzed.

a = MTBE by EPA Method 8260B.
b = The extractable petroleum hydrocarbons present in the sample ranged approximately from C10 to C36.
c = 2-Methylnaphalene
d = Bis (2-ethylhexyl) phthalate.
e = Naphthalene.
f = Phenanthrene.

TABLE 3

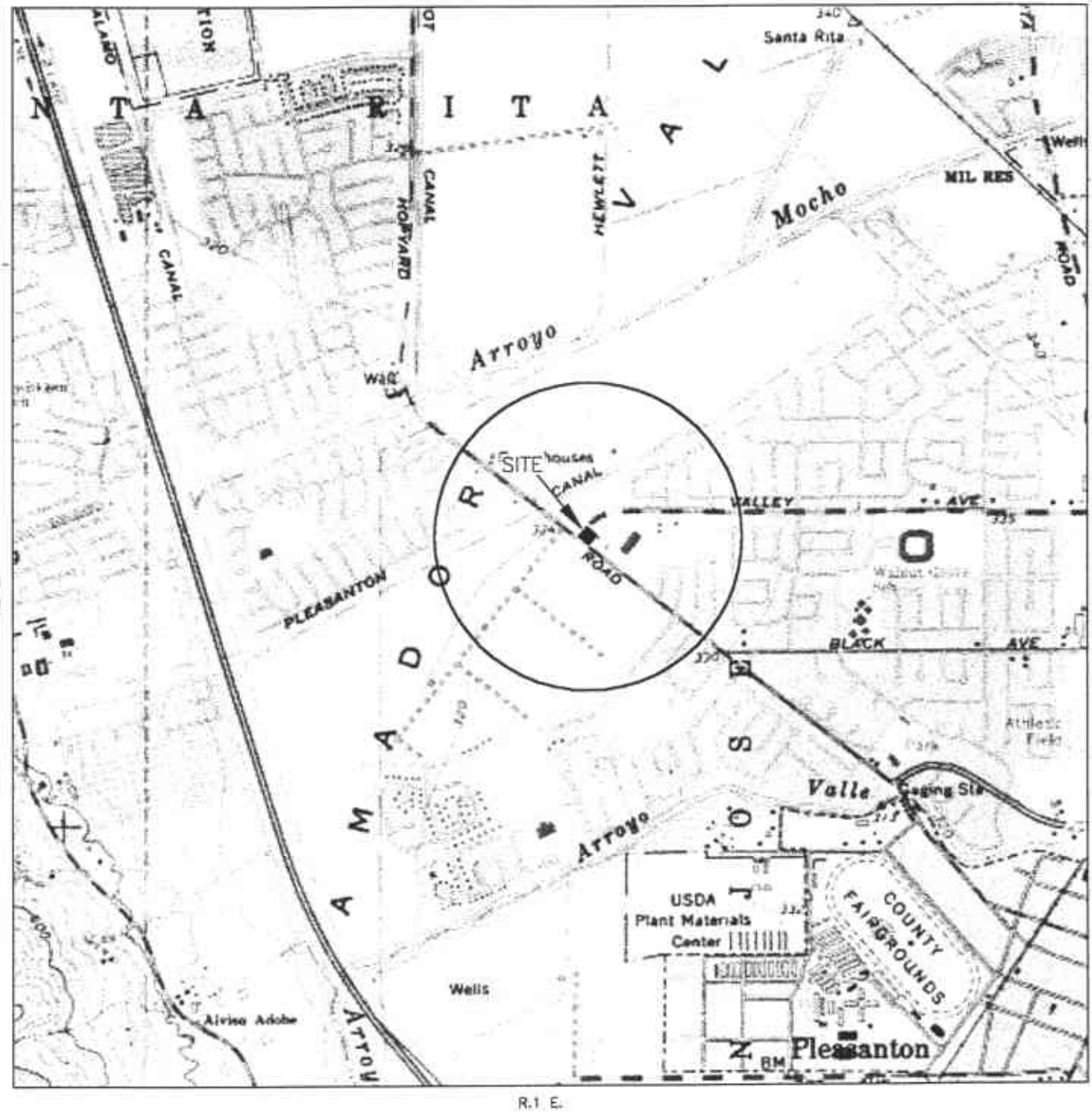
PERCHED GROUND WATER MONITORING DATA

Exxon Service Station No. 7-3399
2991 Hopyard road
Pleasanton, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)
VR-1	03/24/92	NM	NM	NC	1.7	<0.5	<0.5	<0.5	<50	NA
	06/30/99	NM	19.52	NC	<0.5	<0.5	<0.5	<0.5	<50	6.83/7.31[a,c]
	08/03/99	NM	19.53	NC	<0.5	<0.5	<0.5	<0.5	<50	2.49[a]
	09/24/99	321.00	19.73	310.07	<0.5	<0.5	<0.5	<0.5	<50	5.94[a]
VR-2	06/30/99	NM	33.63	NC	<0.5	<0.5	<0.5	<0.5	<50	1,080/1,160[a,c]
	08/03/99	NM	37.19	NC	<0.5	<0.5	<0.5	<0.5	<50	3,390[a]
	09/24/99	320.18	41.54	278.64	2650	<50	<50	309	5,170	1,030[a]
VR-3	06/30/99	NM	9.15	NC	<0.5	<0.5	<0.5	<0.5	<50	1,220/1,380[a,c]
	08/03/99	NM	8.19	NC	<0.5	<0.5	<0.5	<0.5	<50	16,100[a]
	09/24/99	318.73	8.97	309.76	7.20	1.14	<1.0	1.94	122	[illegible]
VR-4	06/30/99	NM	8.50	NC	<0.5	<0.5	<0.5	<0.5	<50	146
	08/03/99	NM	8.69	NC	<0.5	<0.5	<0.5	<0.5	71.7[b]	3.96[a]
	09/24/99	321.19	9.10	312.09	0.890	2.22	0.800	3.15	79.6	90.6[a]
OW-1	09/24/99	322.45	12.01	310.44	2.10	1.41	<0.5	7.22	119	[illegible][a]
OW-2	09/24/99	321.55	12.70	308.85	31.1	<0.5	<0.5	20.6	275[b]	[illegible][a]

a = Methyl tertiary butyl ether by EPA Method 8260.
b = Unidentified Hydrocarbon C6-C12.
c = Analysis performed outside of EPA recommended hold time.

Reference elevation = Elevation relative to mean sea level.
Depth to ground water = Measured from notch/mark on north edge of well casing.
µg/L = Micrograms per liter.
TPPH = Total purgeable petroleum hydrocarbons.
MTBE = Methyl tertiary butyl ether by EPA Method 8020.
NA = Not analyzed.
NM = Not measured.
NC = Not calculated.



GENERAL NOTES:
BASE MAP FROM U.S.G.S.
DUBLIN, CA.
7.5 MINUTE TOPOGRAPHIC
PHOTOREVISED 1980

North

0 2000 FT

SCALE 1:24,000

QUADRANGLE LOCATION

FIGURE 1

SITE LOCATION MAP

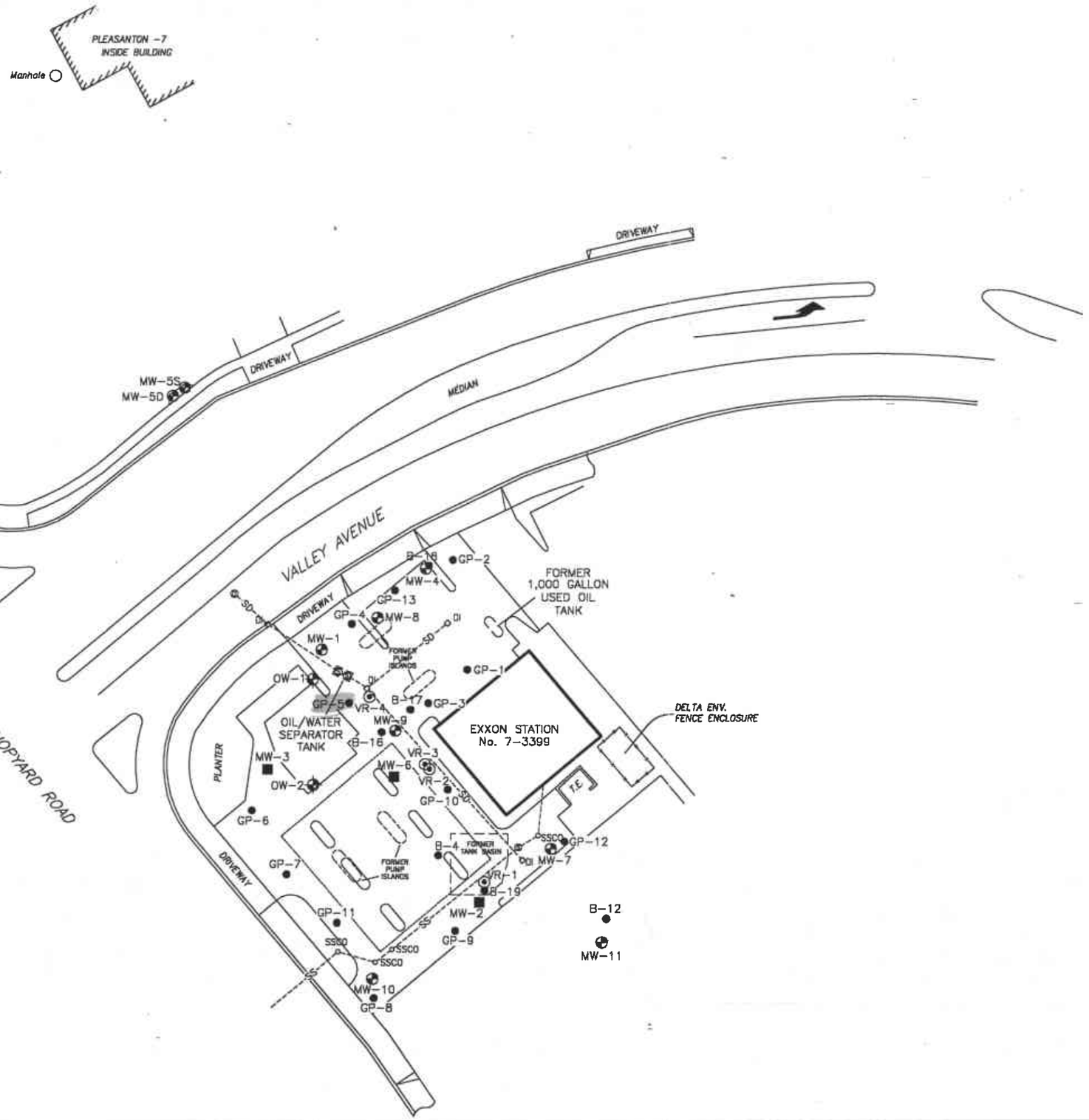
EXXON STATION NO. 7-3399

2991 HOPYARD ROAD

PLEASANTON, CA.

PROJECT NO. D094-836	DRAWN BY M.L. 12/6/99
FILE NO. 94-836-1D	PREPARED BY JWS
REVISION NO. 1	REVIEWED BY

Delta Environmental Consultants, Inc.



North

LEGEND:

OW-1	OBSERVATION WELL LOCATION
MW-1	MONITORING WELL LOCATION
VR-1	VAPOR EXTRACTION WELL LOCATION
MW-2	DESTROYED MONITORING WELL
B-12	SOIL BORING LOCATION
GP-1	GEOPROBE SOIL BORING LOCATION

UTILITIES:

---SS---	SANITARY SEWER LINE (BURIED)
---SD---	STORM DRAIN LINE (BURIED)

0 50 FT

SCALE

NOTE:

BASE MAP ADAPTED FROM RESNA FIGURE.SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

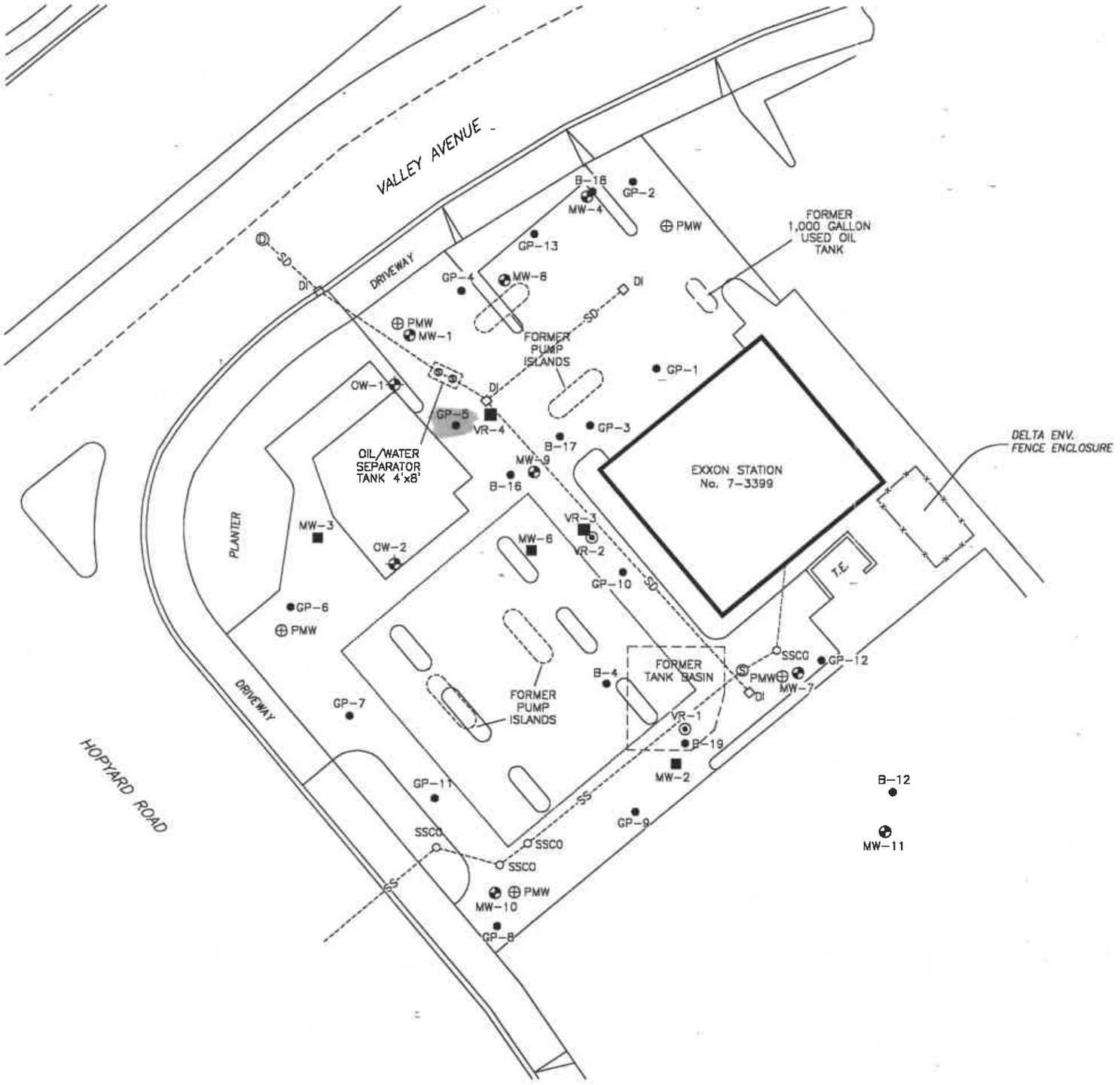
FIGURE 2

SITE VICINITY MAP

EXXON STATION NO 7-3399
2991 HOPYARD ROAD
PLEASANTON, CA.

PROJECT NO. D094-836	DRAWN BY M.L. 12/1/99
FILE NO. 94-836-1A	PREPARED BY JWS
REVISION NO. 2	REVIEWED BY JRB 12/6/99

Delta Environmental Consultants, Inc.



North

LEGEND:

OW-1	OBSERVATION WELL LOCATION
MW-1	MONITORING WELL LOCATION
VR-1	VAPOR EXTRACTION WELL LOCATION
MW-2	DESTROYED MONITORING WELL
B-12	SOIL BORING LOCATION
GP-1	GEOPROBE SOIL BORING LOCATION
PMW	PROPOSED MONITORING WELL LOCATION
VR-3	DESTROYED VAPOR RECOVERY WELL LOCATION

UTILITIES:

---SS---	SANITARY SEWER LINE (BURIED)
---SD---	STORM DRAIN LINE (BURIED)

VAPOR WELLS VR-3 & VR-4 WERE DESTROYED ON 11/5/99

0 30 FT

SCALE

NOTE:

BASE MAP ADAPTED FROM RESNA FIGURE.SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

FIGURE 3

SITE MAP

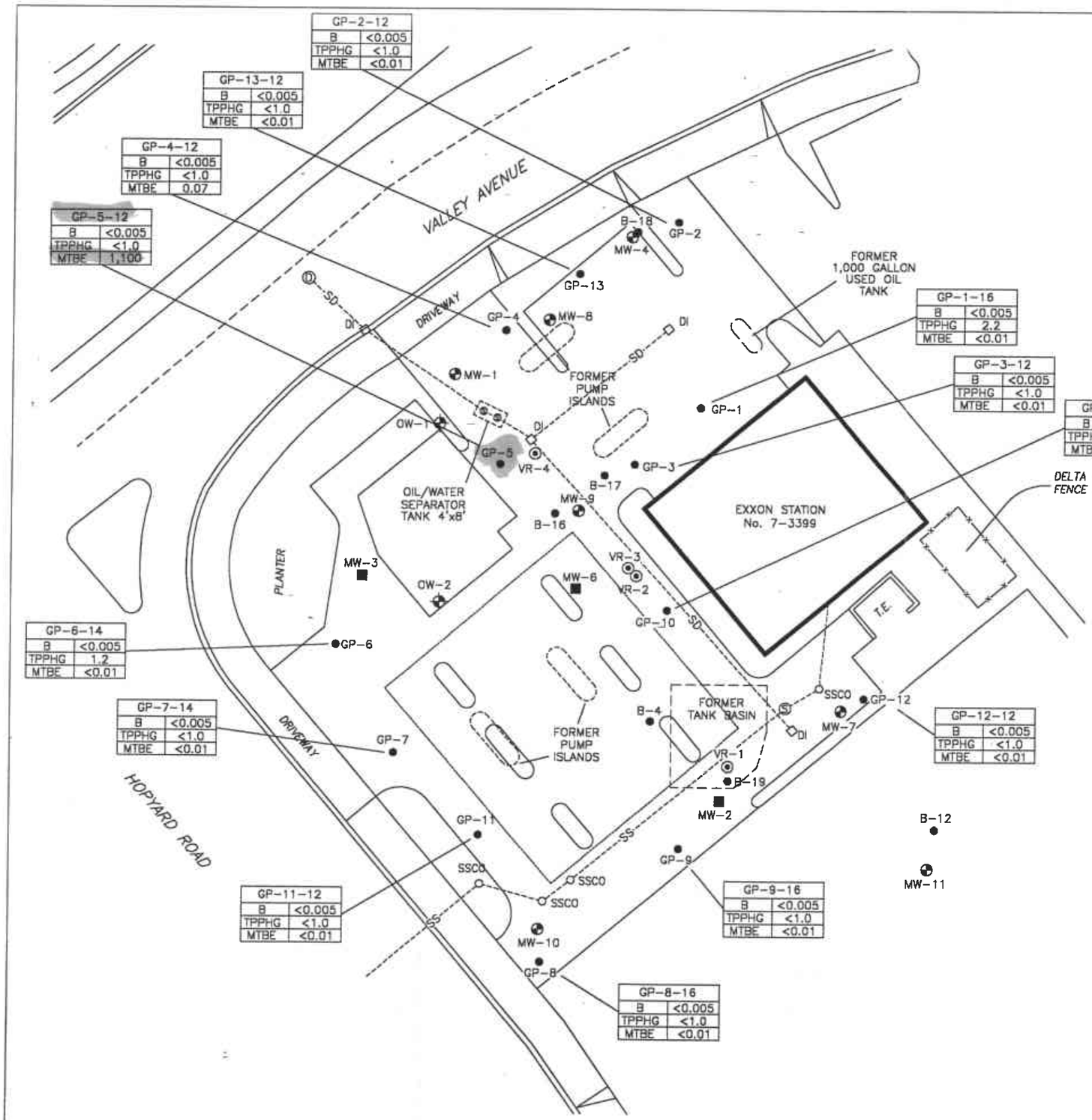
EXXON STATION NO 7-3399

2991 HOPYARD ROAD

PLEASANTON, CA.

PROJECT NO. 0094-836	DRAWN BY M.L. 12/1/99
FILE NO. 94-836-1C	PREPARED BY JWS
REVISION NO. 3	REVIEWED BY JR 12/6/99

Delta Environmental Consultants, Inc.



North

LEGEND:

OW-1	OBSERVATION WELL LOCATION
MW-1	MONITORING WELL LOCATION
VR-1	VAPOR EXTRACTION WELL LOCATION
MW-2	DESTROYED MONITORING WELL
B-12	SOIL BORING LOCATION
GP-1	GEOPROBE SOIL BORING LOCATION

GP-1-16	
B	<0.005
TPPHG	<1.0
MTBE	<0.001

SAMPLE ID & DEPTH IN FEET
BENZENE
TOTAL PURGABLE PETROLEUM HYDROCARBONS AS GASOLINE
METHYL TERTIARY BUTYL ETHER

CONCENTRATIONS MEASURED IN MILLIGRAMS PER KILOGRAM (mg/Kg)

MTBE ANALYZED USING EPA METHOD 8260B

UTILITIES:

---SS---	SANITARY SEWER LINE (BURIED)
---SD---	STORM DRAIN LINE (BURIED)

VAPOR WELLS VR-3 & VR-4 WERE DESTROYED ON 11/5/99

0 30 FT

SCALE

NOTE:

BASE MAP ADAPTED FROM RESNA FIGURE. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

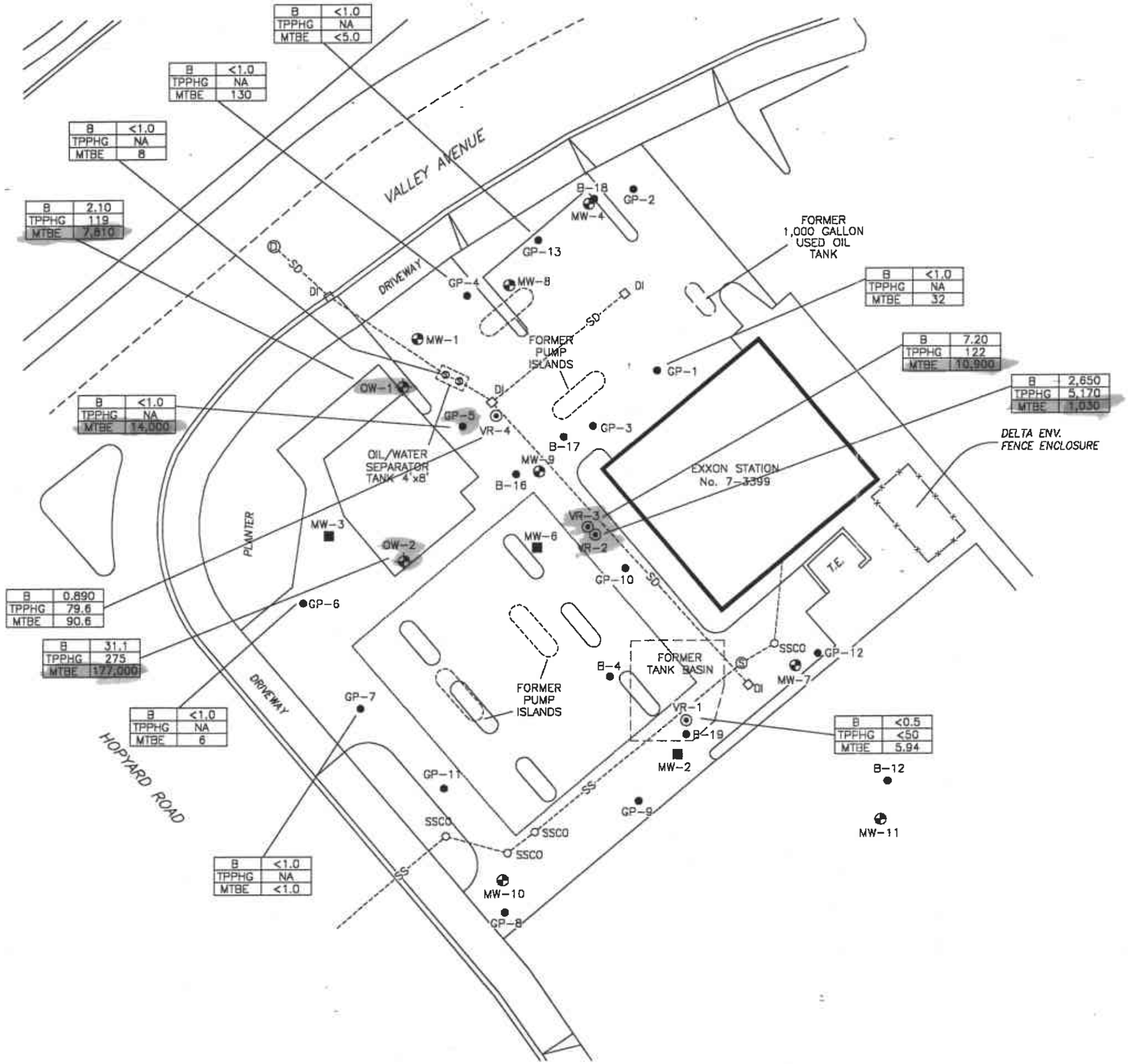
FIGURE 4

PETROLEUM HYDROCARBON CONSTITUENTS IN SOIL

EXXON STATION NO 7-3399
2991 HOPYARD ROAD
PLEASANTON, CA.

PROJECT NO. 0094-836	DRAWN BY M.L. 12/1/99
FILE NO. 94-836-1C	PREPARED BY JWS
REVISION NO. 1	REVIEWED BY JWB 12/14/99

Delta Environmental Consultants, Inc.



North

LEGEND:

OW-1	OBSERVATION WELL LOCATION
MW-1	MONITORING WELL LOCATION
VR-1	VAPOR EXTRACTION WELL LOCATION
MW-2	DESTROYED MONITORING WELL
B-12	SOIL BORING LOCATION
GP-1	GEOPROBE SOIL BORING LOCATION

B	BENZENE
TPPHG	TOTAL PURGABLE PETROLEUM HYDROCARBONS AS GASOLINE
MTBE	METHYL TERTIARY BUTYL ETHER
NA	NOT ANALYZED

VAPOR EXTRACTION WELLS WERE SAMPLED ON 9/24/99
SOIL BORINGS WERE SAMPLES ON 10/26/99

CONCENTRATIONS MEASURED IN MICROGRAMS PER LITER (ug/L)
MTBE ANALYZED USING EPA METHOD 8260B

UTILITIES:

---SS---	SANITARY SEWER LINE (BURIED)
---SD---	STORM DRAIN LINE (BURIED)

VAPOR WELLS VR-3 & VR-4 WERE DESTROYED ON 11/5/99

0 30 FT
SCALE

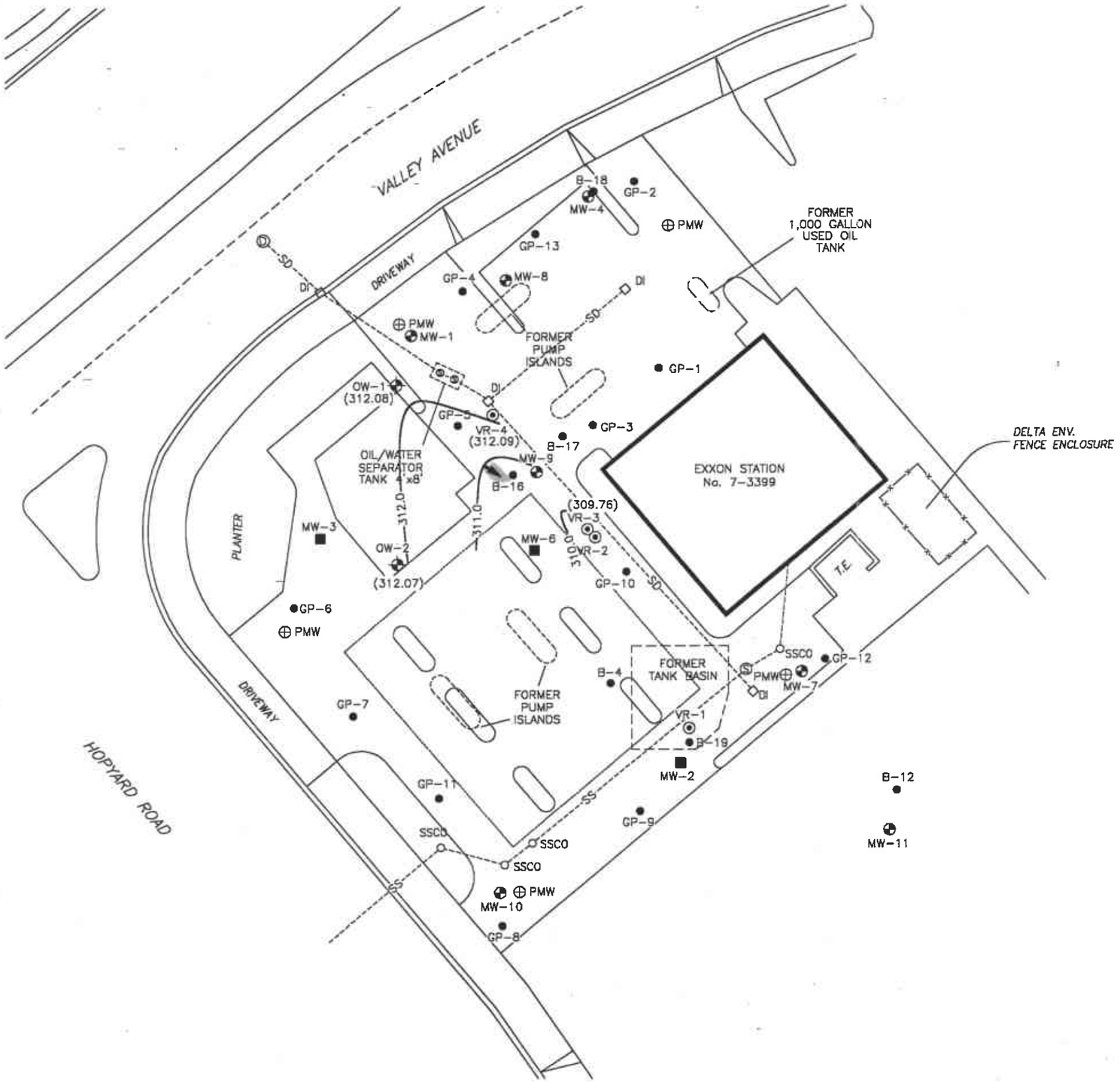
NOTE:

BASE MAP ADAPTED FROM RESNA FIGURE.SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

FIGURE 5
PERCHED GROUND WATER DISSOLVED
PETROLEUM HYDROCARBON CONCENTRATION MAP
EXXON STATION NO 7-3399
2991 HOPYARD ROAD
PLEASANTON, CA.

PROJECT NO. D094-836	DRAWN BY M.L. 12/1/99
FILE NO. 94-836-1C	PREPARED BY JWS
REVISION NO. 1	REVIEWED BY 12/6/99

Delta Environmental Consultants, Inc.



North

LEGEND:

OW-1	OBSERVATION WELL LOCATION
MW-1	MONITORING WELL LOCATION
VR-1	VAPOR EXTRACTION WELL LOCATION
MW-2	DESTROYED MONITORING WELL
B-12	SOIL BORING LOCATION
GP-1	GEOPROBE SOIL BORING LOCATION
PMW	PROPOSED MONITORING WELL LOCATION
(312.09)	GROUND WATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
310.0	WATER ELEVATION CONTOUR IN FEET ABOVE MEAN SEA LEVEL
→	GROUND WATER FLOW DIRECTION

UTILITIES:

---SS---	SANITARY SEWER LINE (BURIED)
---SD---	STORM DRAIN LINE (BURIED)

VAPOR WELLS VR-3 & VR-4 WERE DESTROYED ON 11/5/99

0 30 FT

SCALE

NOTE:

BASE MAP ADAPTED FROM RESNA FIGURE.SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

FIGURE 6

PERCHED GROUND WATER ELEVATION CONTOUR MAP

9/24/99

EXXON STATION NO 7-3399

2991 HOPYARD ROAD

PLEASANTON, CA.

PROJECT NO. D094-836	DRAWN BY M.L. 12/3/99
FILE NO. 94-836-1C	PREPARED BY JWS
REVISION NO. 3	REVIEWED BY 12/6/99

Delta Environmental Consultants, Inc.

ENCLOSURE A

Soil Boring Installation and Well Destruction Permits

ZONE 7 WATER AGENCY

5997 PARKSIDE DRIVE, PLEASANTON, CALIFORNIA 94588-5127 PHONE (510) 484-2600 X235
FAX (510) 462-3914

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 2991 Hopyard Road
Pleasanton, Ca.

California Coordinates Source _____ ft. Accuracy ± _____ ft.
CN _____ ft. CCE _____ ft.
PN _____

CLIENT
Name Exxon Company U.S.A.
Address P.O. Box 4032 Phone (925) 246-8768
City Concord, Ca. Zip 94524-4032

APPLICANT
Name Delta Environmental Consultants, Inc.
Address 3164 Gold Camp Dr 200 Fax 916 638-8385
City Rabcho Cordova Phone 638-2765
Zip 95670

TYPE OF PROJECT Soil Borings

Well Construction		Geotechnical Investigation	
Cathodic Protection	☐	General	☐
Water Supply	☐	Contamination	☐
Monitoring	☐	Well Destruction	☐

PROPOSED WATER SUPPLY WELL USE

New Domestic	☐	Replacement Domestic	☐
Municipal	☐	Irrigation	☐
Industrial	☐	Other _____	☐

DRILLING METHOD:

Mud Rotary	☐	Air Rotary	☐	Auger	☐
Cable	☐	Other	☒ GeoProbe		

DRILLER'S LICENSE NO. 705927

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

GEOTECHNICAL PROJECTS
Number of Borings 15-20
Hole Diameter 2-inch in. Maximum Depth 16 ft.

ESTIMATED STARTING DATE 10/25/99
ESTIMATED COMPLETION DATE 10/28/99

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

APPLICANT'S SIGNATURE Michael Speth Date 10-13-99

FOR OFFICE USE

PERMIT NUMBER 99192
WELL NUMBER _____
APN _____

PERMIT CONDITIONS

Circled Permit Requirements Apply

(A.) GENERAL
1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to proposed starting date.
2. Submit to Zone 7 within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well projects, or drilling logs and location sketch for geotechnical projects.
3. Permit is void if project not begun within 90 days of approval date.

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

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

(D.) GEOTECHNICAL. Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement grout shall be used in place of compacted cuttings.

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

F. WELL DESTRUCTION. See attached.

G. SPECIAL CONDITIONS

Approved Wyman Hong Date 10/18/99
Wyman Hong

101996

ZONE 7 WATER AGENCY

5997 PARKSIDE DRIVE, PLEASANTON, CALIFORNIA 94588-5127 PHONE (510) 484-2600 X235
FAX (510) 462-3914

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 2991 Hopyard Road
Pleasanton, Ca.

California Coordinates Source _____ ft. Accuracy ± _____ ft.
CCN _____ ft. CCE _____ ft.
APN _____

CLIENT
Name Exxon Company U.S.A.
Address PO Box 4032 Phone 925 246-8768
City Concord, Ca. Zip 94524-4032

APPLICANT
Name Delta EnvironmentaL Consultants, Inc.
Address 3164 Gold Camp Drive, 200 Fax 916 638-8385
City Rancho Cordova, Ca. Phone 638-2765 Zip 95670

TYPE OF PROJECT

Well Construction		Geotechnical Investigation	
Cathodic Protection	☐	General	☐
Water Supply	☐	Contamination	☐
Monitoring	☐	Well Destruction	☒

PROPOSED WATER SUPPLY WELL USE

New Domestic	☐	Replacement Domestic	☐
Municipal	☐	Irrigation	☐
Industrial	☐	Other _____	☐

DRILLING METHOD:

Mud Rotary	☐	Air Rotary	☐	Auger	☒
Cable	☐	Other	☐		

DRILLER'S LICENSE NO. 552198

WELL PROJECTS
Drill Hole Diameter 8.25 in. Maximum
Casing Diameter _____ in. Depth 36 ft.
Surface Seal Depth _____ ft. Number 2

GEOTECHNICAL PROJECTS
Number of Borings _____ Maximum
Hole Diameter _____ in. Depth _____ ft.

ESTIMATED STARTING DATE 10/26/99
ESTIMATED COMPLETION DATE 10/28/99

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

APPLICANT'S SIGNATURE [signature] Date 10-13-99

FOR OFFICE USE

PERMIT NUMBER 99193
WELL NUMBER 3S/1E 18H18 & 18H19
APN 946 3324 003 00

PERMIT CONDITIONS

Circled Permit Requirements Apply

(A.) GENERAL
1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to proposed starting date.
2. Submit to Zone 7 within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well projects, or drilling logs and location sketch for geotechnical projects.
3. Permit is void if project not begun within 90 days of approval date.

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

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

D. GEOTECHNICAL. Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement grout shall be used in place of compacted cuttings.

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

(F.) WELL DESTRUCTION. See attached.

G. SPECIAL CONDITIONS

Approved Wyman Hong Date 10/18/99
Wyman Hong

101996

October 18, 1999

Zone 7
Water Resources Engineering
Drilling Protection Ordinance

Exxon Company U.S.A.
2991 Hopyard
Pleasanton
Wells 3S/1E 18H18 & 18H19
Permit 99193

Destruction Requirements:

1. Sound the well as deeply as practicable and record for your report.

2. Drill out the well so that the casing, seal, and gravel pack are removed to the bottom of the well.

3. Using a tremie pipe, fill the hole to two feet below the lower of finished grade or original ground with neat cement.

4. After the seal has set, backfill the remaining hole with compacted material.

P:\WRE\Wyman\Drillout.wpd

ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
5997 PARKSIDE DRIVE ♦ PLEASANTON, CALIFORNIA 94588-5127 ♦ PHONE (925) 484-2600 FAX (925) 462-3914

October 18, 1999

Mr. J. William Speth
Delta Environmental Consultants, Inc.
3164 Gold Camp Drive, Suite 200
Rancho Cordova, CA 95670

Dear Mr. Speth:

Enclosed are drilling permits 99192 and 99193 for a contamination investigation and the destruction of vapor extraction wells 3S/1E 18H18 and 18H19 at 2991 Hopyard Road in Pleasanton for Exxon Company.

Please note that permit condition A-2 requires that a well destruction report be submitted after completion of the work. The report should include a description of methods and materials used to destroy the wells, location sketch, date of destruction, and permit number. Please submit the original of your completion report. We will forward your submittal to the California Department of Water Resources.

If you have any questions, please contact me at extension 235 or Matt Katen at extension 234.

Sincerely,

Wyman Hong

Wyman Hong
Water Resources Technician II

Enc.

1.0 METHODS AND PROCEDURES

1.1 Health and Safety Plan

Field work performed by Delta and Delta's subcontractors at the site is conducted according to guidelines established in a Site Health and Safety Plan (SHSP). The SHSP is a document which describes the hazards that may be encountered in the field and specifies protective equipment, work procedures, and emergency information. A copy of the SHSP is at the site and available for reference by appropriate parties during work at the site.

1.2 Locating Underground Utilities

Prior to commencement of work on-site, Delta researches the location of all underground utilities with the assistance of Underground Service Alert (USA). USA contacts the owners of the various utilities in the vicinity of the site to have the utility owners mark the locations of their underground utilities. Work associated with the boring and monitoring well installation is preceded by manual hand auguring to a minimum depth of 5 feet below surface grade (bsg) to avoid contact with underground utilities and structures.

1.3 Soil Sampling and Contamination Reduction

Soil borings and soil sampling will be performed under the direction of a Delta geologist. The soil borings will be advanced using a GeoProbe® rig, which employs hydraulic push and roto-percussion force to advance the sampling device.

To reduce the chances of cross-contamination between boreholes, all downhole drilling equipment will be steam-cleaned between each boring. To reduce cross-contamination between samples, the barrel sampler is washed in a soap solution and double-rinsed between each sampling event.

Upon recovery, a portion of the soil sample will be placed into a plastic bag and sealed for later screening with a photoionization detector (PID). Another portion of the soil sample will be used for classification and description. That part of the soil sample collected in the leading brass tube within sampler will be stored at approximately 4°C for transport to the laboratory.

1.4 Soil Classification

As the samples are obtained in the field, they will be classified by the geologist in accordance with the Unified Soil Classification System (USCS). Representative portions of the samples will then be retained for further examination and for verification of the field classification. Logs of the borings indicating the depth

and identification of the various strata, the N value, and pertinent information regarding the method of maintaining and advancing the borehole will be made.

1.5 Soil Sample Screening/hNu Portable Photoionization Detector Method

After the soil sample plastic bags have been brought to ambient temperature, the headspace vapors of the soil sample in the bag will be screened with a PID equipped with a 10.2 eV lamp. The sample corner of the bag will be opened and the detector probe immediately placed within the headspace. The highest observed reading will be recorded.

1.6 Ground Water Sampling

Upon reaching the water bearing zone, a PVC casing screened with 0.020 slots will be temporarily inserted into the boring for the collection of a water sample. A liquid sample will be collected from each boring with a clean disposable bailer and transferred into a laboratory supplied sampling container. Each sample will be appropriately labeled and stored on ice from the time of collection through the time of delivery to the laboratory. Ground water samples will be transported to the laboratory and analyzed within the EPA-specified holding times for the requested analyses.

1.7 Liquid-Phase Petroleum Hydrocarbons

If liquid-phase petroleum hydrocarbons are present in a boring, the thickness of the petroleum layer will be measured by collecting a sample in a transparent disposable bailer with a check valve at the bottom, or by measurement using appropriate fluid-level sounding equipment.

2.0 ANALYTICAL PROCEDURES

Selected soil samples submitted to the laboratory will be analyzed for benzene, toluene, ethylbenzene, and total xylenes (BTEX) using EPA Method 8020, total purgeable petroleum hydrocarbons (TPPH) as gasoline using EPA Method 8015 Modified, and (methyl tertiary butyl ether) MTBE using EPA Method 8260B. Ground water samples submitted to the laboratory will be analyzed for BTEX using EPA Method 8020, TPPH as gasoline using EPA Method 8015 Modified, and MTBE using EPA Method 8260B.

3.0 QUALITY ASSURANCE PLAN

This section describes the field and analytical procedures to be followed throughout the investigation.

3.1 General Sample Collection and Handling Procedures

Proper collection and handling are essential to ensure the quality of a sample. Each sample will be collected in a suitable container, preserved correctly for the intended analysis, and stored prior to analysis for no

longer than the maximum allowable holding time. Details on the procedures for collection and handling of soil samples used on this project can be found in Section 1.0 (Methods).

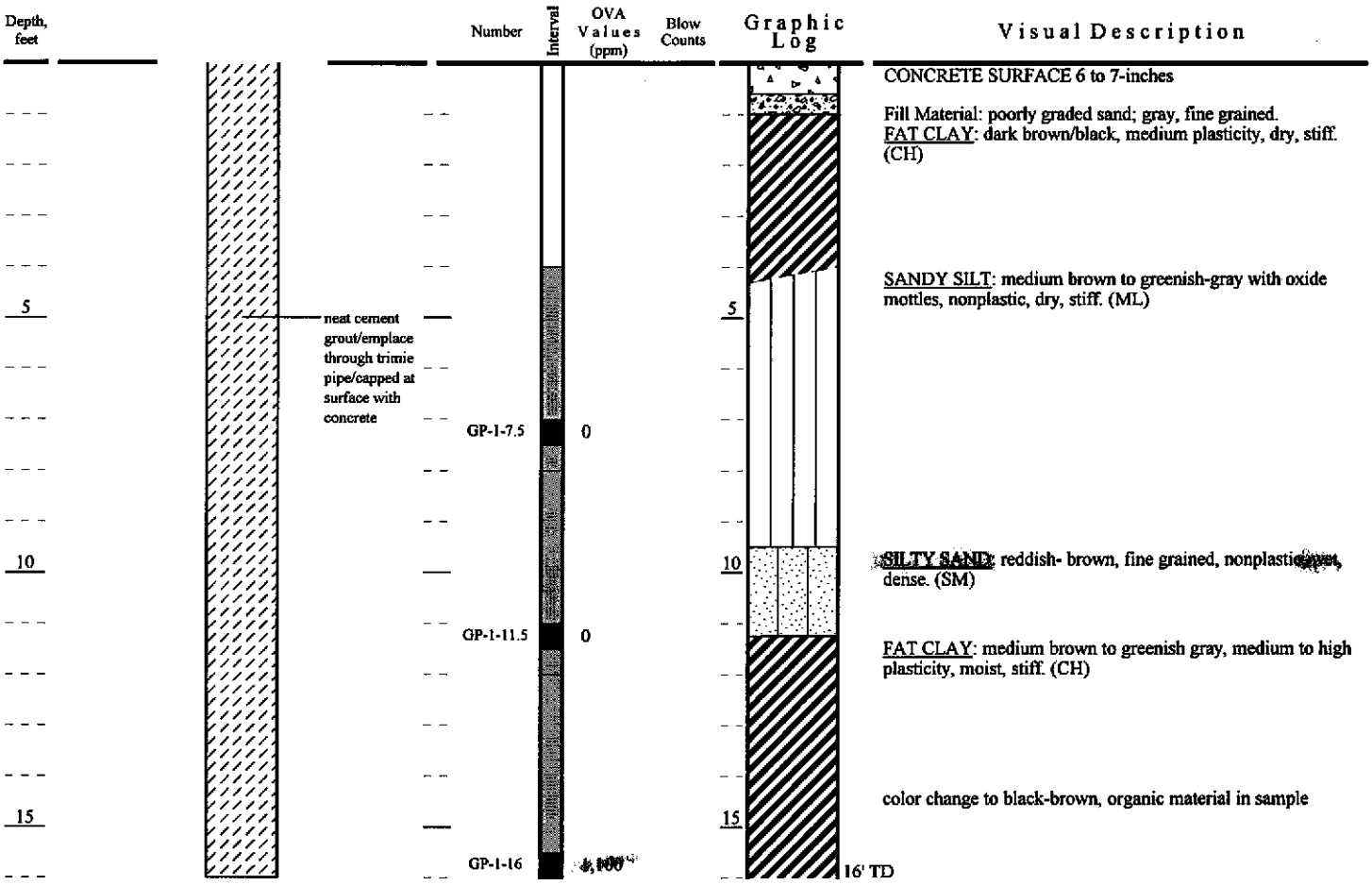
3.2 Sample Identification and Chain-of-Custody Procedures

Sample identification and chain-of-custody procedures ensure sample integrity and document sample possession from the time of collection to its ultimate disposal. Each sample container submitted for analysis will have a label affixed to identify the job number, sampler, date and time of sample collection, and a sample number unique to that sample. This information, in addition to a description of the sample, field measurements made, sampling methodology, names of on-site personnel, and any other pertinent field observations, will be recorded on the borehole log or in the field records. Samples will be analyzed by a California-certified laboratory.

A chain-of-custody form will be used to record possession of the sample from time of collection to its arrival at the laboratory. When the samples are shipped, the person in custody of them will relinquish the samples by signing the chain-of-custody form and noting the time. The sample-control officer at the laboratory will verify sample integrity and confirm that it was collected in the proper container, preserved correctly, and that there is an adequate volume for analysis.

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

Delta Environmental Consultants, Inc.	Street Address: 2991 Hopyard Road	Project ID: Exxon Station No. 7-3399	
	City & State: Pleasanton, California	Surface Elev.: NM	Well / Boring ID: GP-1
	Delta Project #: D094-836	Casing Elev.: N/A	Total Depth: 16'

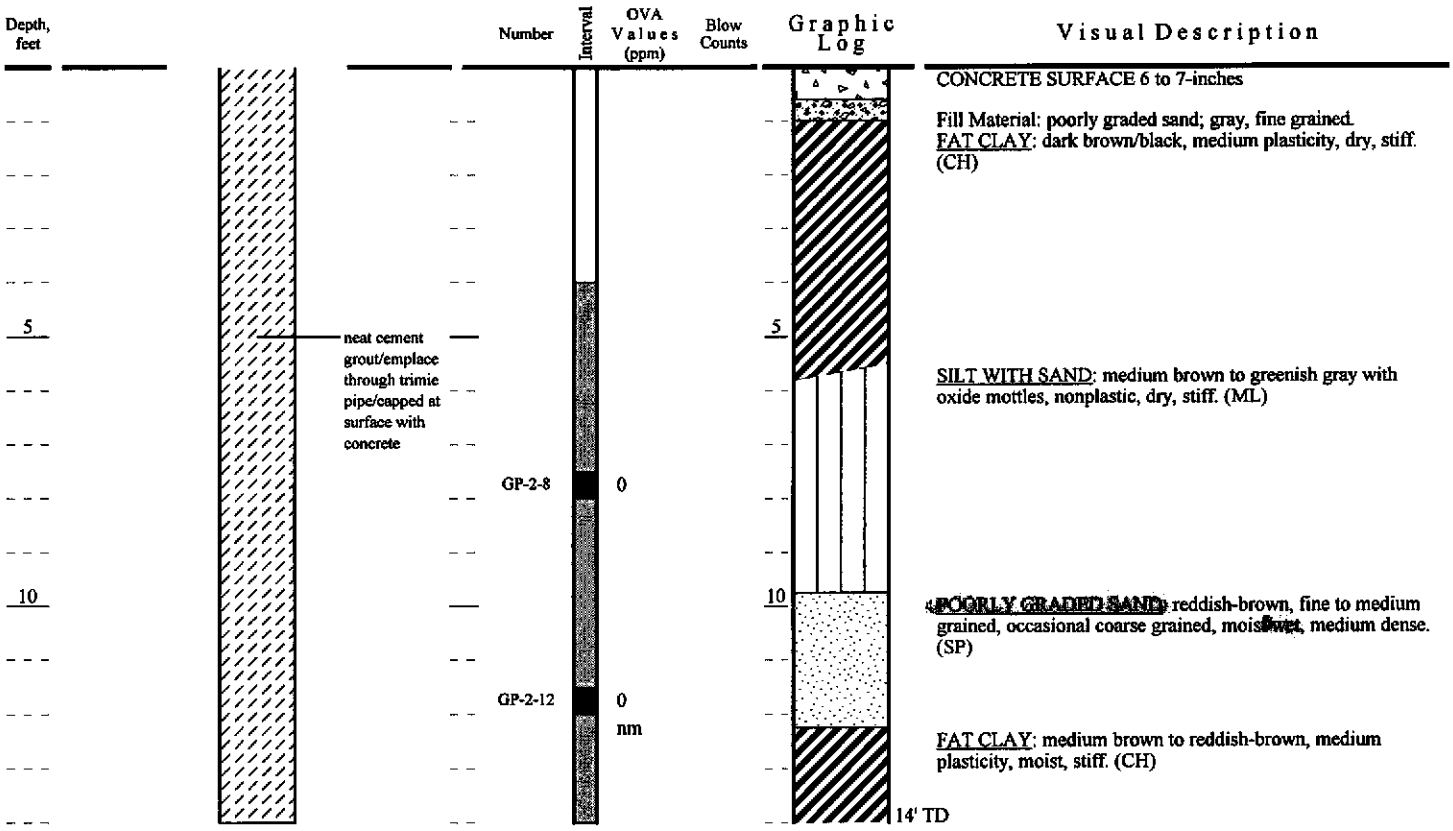


Dates and Times	Logger: J. William Speth	Sampling Method & Diameter: continous-core	Permitting Agency: Alameda County Zone 7 Water Agency
Start: 10/25/99 8:50 AM	Drilling Company & Driller: Vironex, M. Martin	Bore Hole Diameter: 2.25-inches	Permit #: 99192
Total Depth: 10/25/99 9:10 AM	Drillers C-57#: 705927		
Completion or backfill: 10/26/99	Drilling Equipment and method: GeoProbe, hydarulic push		Page 1 of 1

WELL 94-836A.GPJ 12/6/99

Delta Environmental Consultants, Inc.	Street Address: 2991 Hopyard Road	Project ID: Exxon Station No. 7-3399	
	City & State: Pleasanton, California	Surface Elev.: NM	Well / Boring ID: GP-2
	Delta Project #: D094-836	Casing Elev.: N/A	Total Depth: 14'

BACKFILL DETAIL | SAMPLING DATA | SOIL PROFILE/LITHOLOGY



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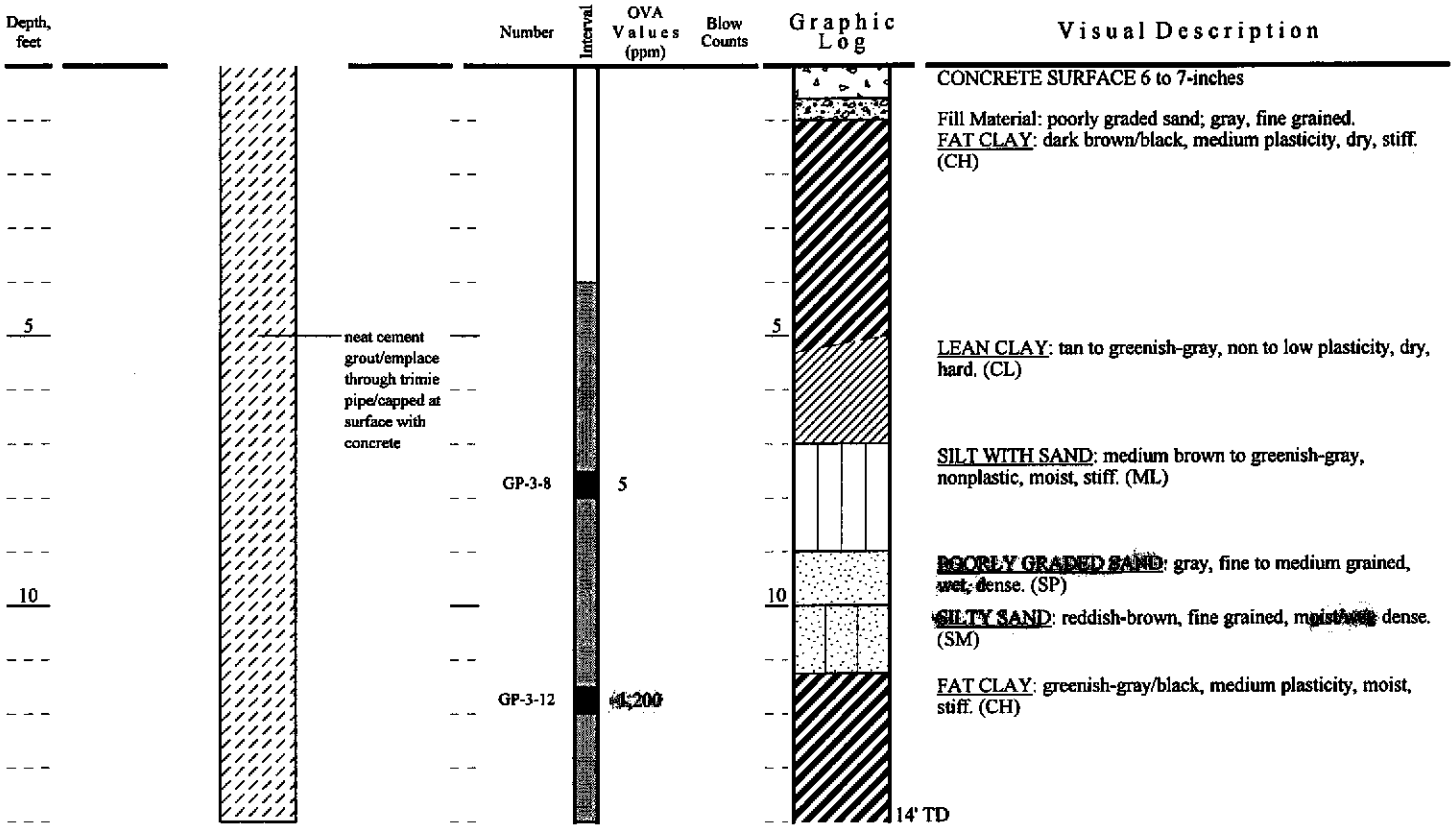
Start: 10/25/99 9:17 AM	Drilling Company & Driller: Vironex, M. Martin	Bore Hole Diameter: 2.25-inches	Permit #: 99192
Total Depth: 10/25/99 9:31 AM	Drillers C-57#: 705927		
Completion or backfill: 10/26/99	Drilling Equipment and method: GeoProbe, hydarulic push		Page 1 of 1

WELL 94-836A.GPJ 12/6/99

Delta Environmental Consultants, Inc.	Street Address: 2991 Hopyard Road	Project ID: Exxon Station No. 7-3399	
	City & State: Pleasanton, California	Surface Elev.: NM	Well / Boring ID: GP-3
	Delta Project #: D094-836	Casing Elev.: N/A	Total Depth: 14'



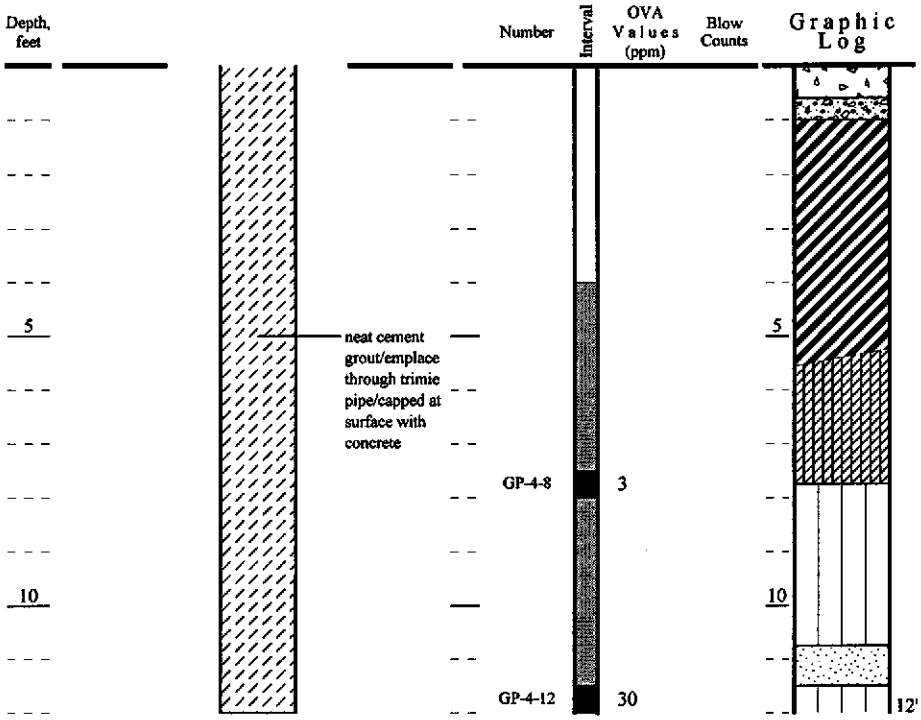
nm

Dates and Times	Logger: J. William Speth	Sampling Method & Diameter: continous-core	Permitting Agency: Alameda County Zone 7 Water Agency
Start: 10/25/99 9:45 AM	Drilling Company & Driller: Vironex, M. Martin	Bore Hole Diameter: 2.25-inches	Permit #: 99192
Total Depth: 10/25/99 9:56 AM	Drillers C-57#: 705927		
Completion or backfill: 10/26/99	Drilling Equipment and method: GeoProbe, hydarulic push		Page 1 of 1

WELL 94-836A.GPJ 12/6/99

Delta Environmental Consultants, Inc.	Street Address: 2991 Hopyard Road	Project ID: Exxon Station No. 7-3399	
	City & State: Pleasanton, California	Surface Elev.: NM	Well / Boring ID: GP-4
	Delta Project #: D094-836	Casing Elev.: N/A	Total Depth: 12'

BACKFILL DETAIL | SAMPLING DATA | SOIL PROFILE/LITHOLOGY



Visual Description

CONCRETE SURFACE 6 to 7-inches

Fill Material: poorly graded sand; gray, fine grained.
FAT CLAY: dark brown/black, medium plasticity, dry, stiff. (CH)

SILTY CLAY/CLAYEY SILT: greenish-gray brown, low plasticity, roots in sample, dry, stiff. (CL/ML- ML/CL)

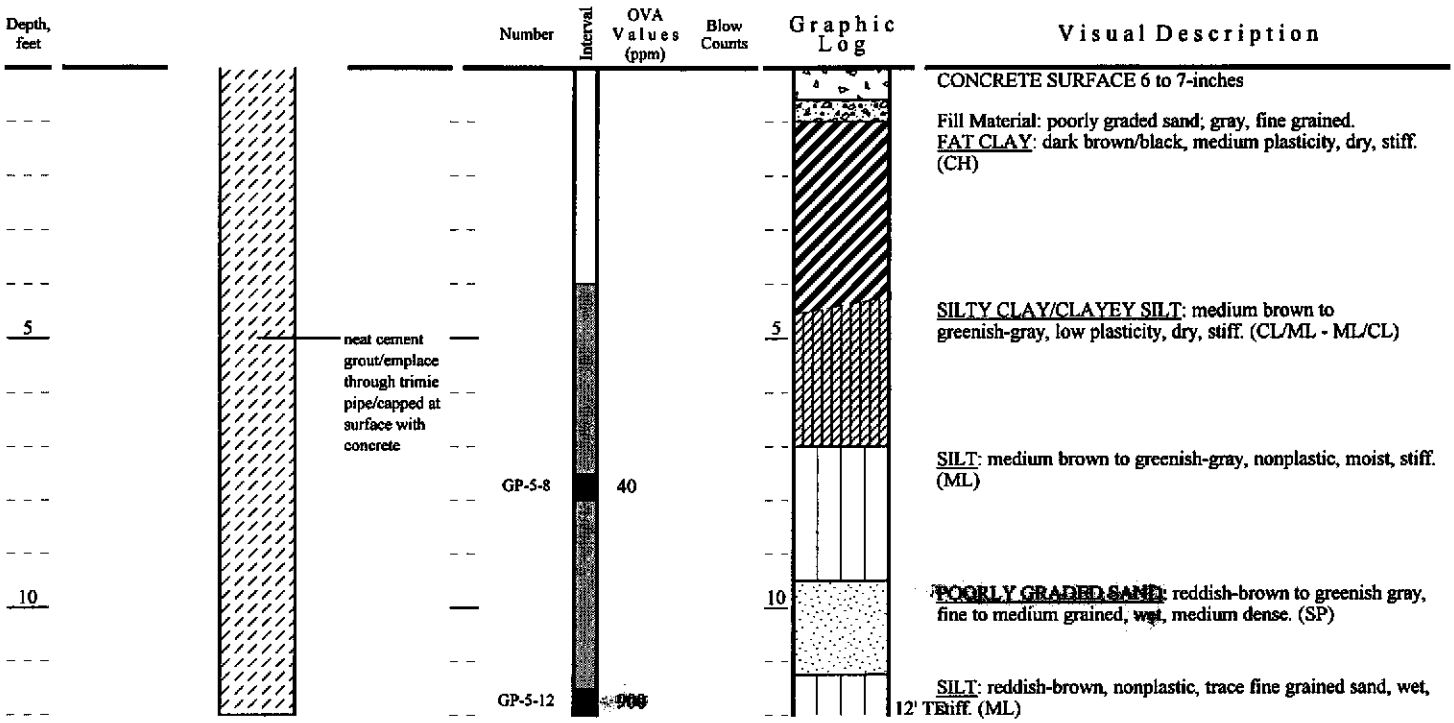
SILT: medium red brown, low to nonplastic, moist, stiff. (ML)

POORLY GRADED SAND: reddish-brown, fine to medium grained, nonplastic, wet, medium dense. (SP)

SILT: medium red brown, low to nonplastic, moist, stiff. (ML)

Dates and Times	Logger: J. William Speth	Sampling Method & Diameter: continous-core	Permitting Agency: Alameda County Zone 7 Water Agency
Start: 10/25/99 10:10 AM	Drilling Company & Driller: Vironex, M. Martin	Bore Hole Diameter: 2.25-inches	Permit #: 99192
Total Depth: 10/25/99 10:22 AM	Drillers C-57#: 705927		
Completion or backfill: 10/26/99	Drilling Equipment and method: GeoProbe, hydarulic push		Page 1 of 1

Delta Environmental Consultants, Inc.	Street Address: 2991 Hopyard Road	Project ID: Exxon Station No. 7-3399	
	City & State: Pleasanton, California	Surface Elev.: NM	Well / Boring ID: GP-5
	Delta Project #: D094-836	Casing Elev.: N/A	Total Depth: 12'

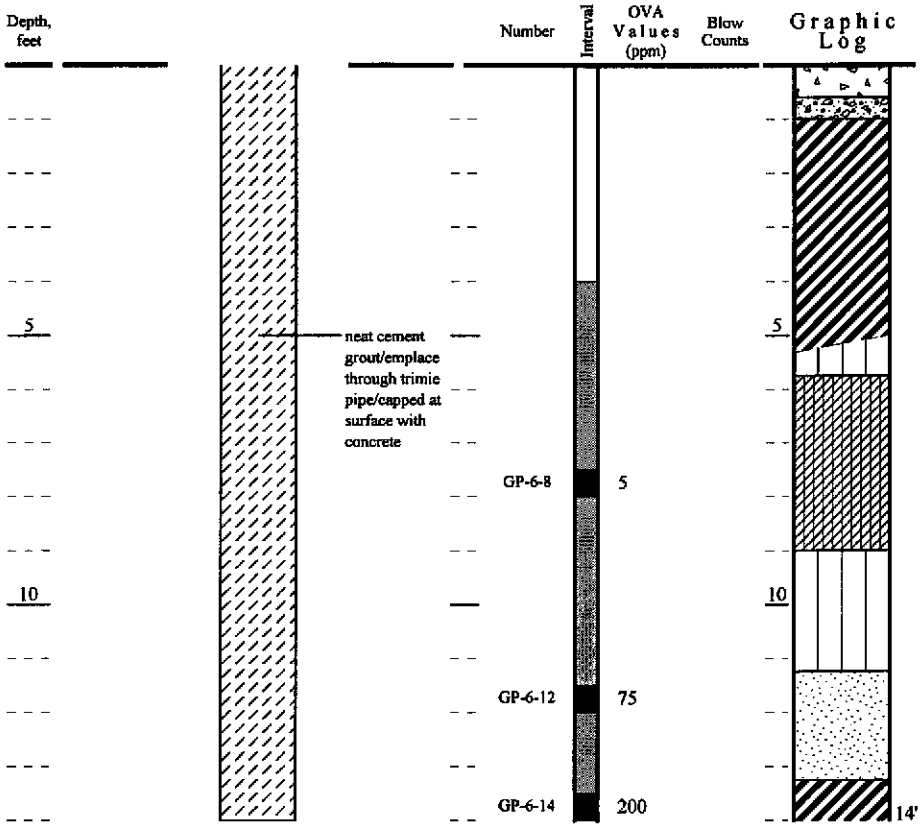


Dates and Times	Logger: J. William Speth	Sampling Method & Diameter: continous-core	Permitting Agency: Alameda County Zone 7 Water Agency
Start: 10/25/99 10:30 AM	Drilling Company & Driller: Vironex, M. Martin	Bore Hole Diameter: 2.25-inches	Permit #: 99192
Total Depth: 10/25/99 10:38 AM	Drillers C-57#: 705927		
Completion or backfill: 10/26/99	Drilling Equipment and method: GeoProbe, hydarulic push		Page 1 of 1

WELL 94-836A.GPJ 12/6/99

Delta Environmental Consultants, Inc.	Street Address: 2991 Hopyard Road	Project ID: Exxon Station No. 7-3399	
	City & State: Pleasanton, California	Surface Elev.: NM	Well / Boring ID: GP-6
	Delta Project #: D094-836	Casing Elev.: N/A	Total Depth: 14'

BACKFILL DETAIL | SAMPLING DATA | SOIL PROFILE/LITHOLOGY



Visual Description

CONCRETE SURFACE 6 to 7-inches

Fill Material: poorly graded sand; gray, fine grained.
FAT CLAY: dark brown/black, medium plasticity, dry, stiff. (CH)

SILT: medium brown with red mottling, wet, stiff. (ML)

SILTY CLAY/CLAYEY SILT: medium brown, low plasticity, dry, stiff. (CL/ML - ML/CL)

SILT: reddish-brown, nonplastic, moist, stiff. (ML)

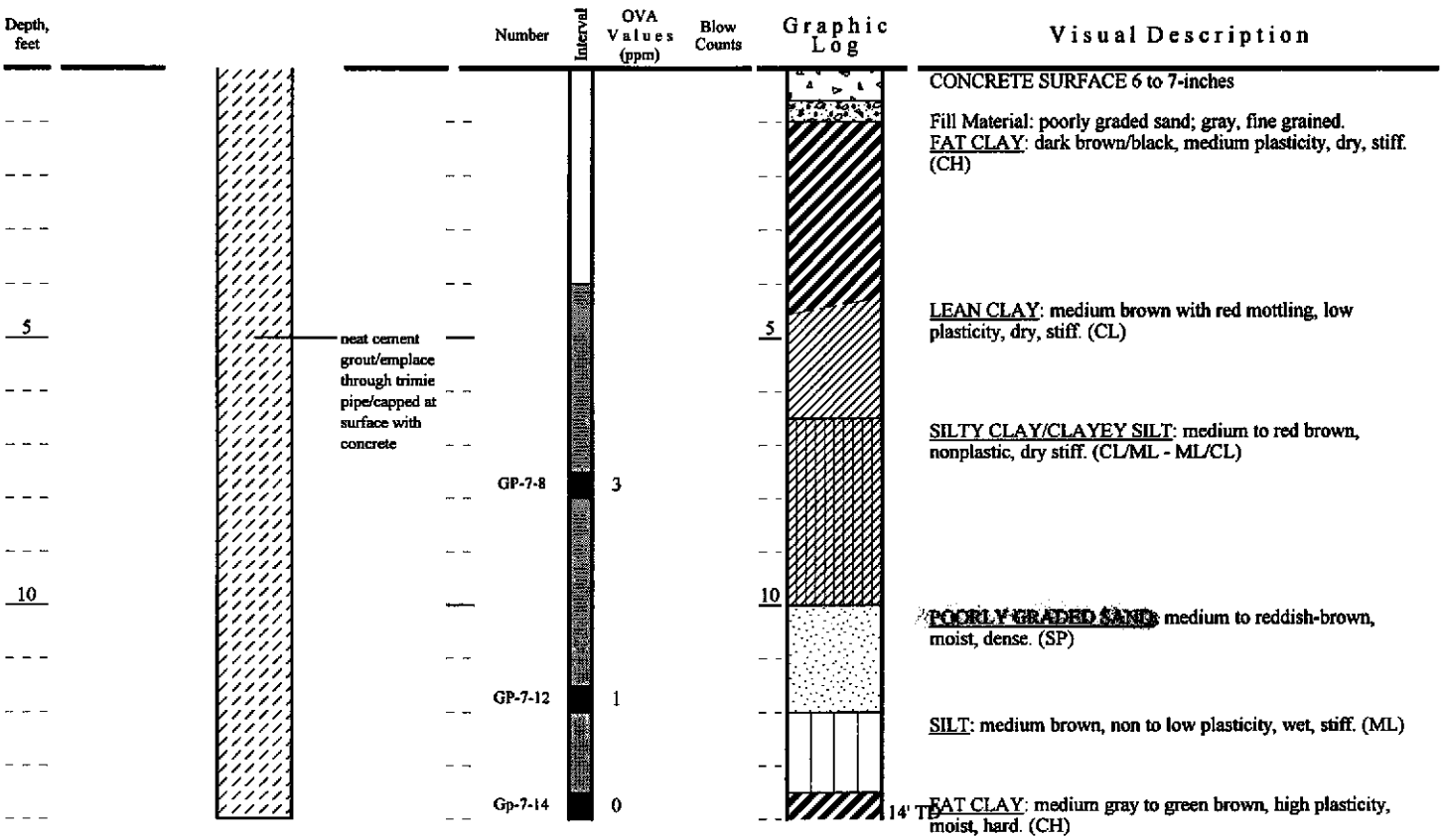
POORLY GRADED SAND: reddish-brown to greenish gray, fine to medium grained, nonplastic, wet, medium dense. (SP)

FAT CLAY: dark brown/black, high plasticity, organic materials, moist, very stiff. (CH)

Dates and Times	Logger: J. William Speth	Sampling Method & Diameter: continous-core	Permitting Agency: Alameda County Zone 7 Water Agency
Start: 10/25/99 11:19 AM	Drilling Company & Driller: Vironex, M. Martin	Bore Hole Diameter: 2.25-inches	Permit #: 99192
Total Depth: 10/25/99 11:35 AM	Drillers C-57#: 705927		
Completion or backfill: 10/26/99	Drilling Equipment and method: GeoProbe, hydarulic push		Page 1 of 1

WELL 94-836A.GPJ 12/6/99

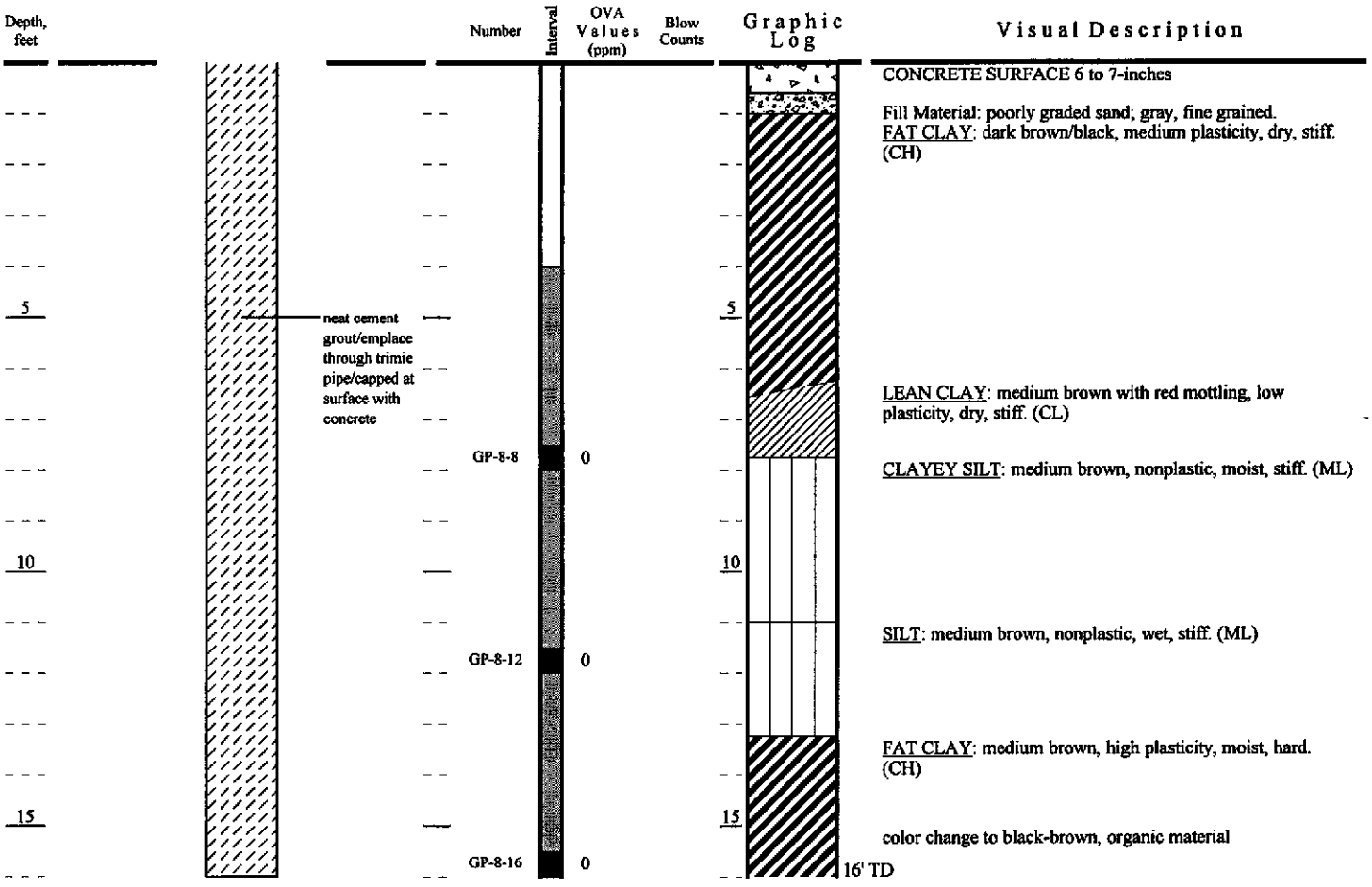
Delta Environmental Consultants, Inc.	Street Address: 2991 Hopyard Road	Project ID: Exxon Station No. 7-3399	
	City & State: Pleasanton, California	Surface Elev.: NM	Well / Boring ID: GP-7
	Delta Project #: D094-836	Casing Elev.: N/A	Total Depth: 14'



Dates and Times	Logger: J. William Speth	Sampling Method & Diameter: continous-core	Permitting Agency: Alameda County Zone 7 Water Agency
Start: 10/25/99 11:48 AM	Drilling Company & Driller: Vironex, M. Martin	Bore Hole Diameter: 2.25-inches	Permit #: 99192
Total Depth: 10/25/99 12:05 PM	Drillers C-57#: 705927		
Completion or backfill: 10/26/99	Drilling Equipment and method: GeoProbe, hydarulic push		Page 1 of 1

WELL 94-836A.GPJ 12/6/99

Delta Environmental Consultants, Inc.	Street Address: 2991 Hopyard Road	Project ID: Exxon Station No. 7-3399	
	City & State: Pleasanton, California	Surface Elev.: NM	Well / Boring ID: GP-8
	Delta Project #: D094-836	Casing Elev.: N/A	Total Depth: 16'

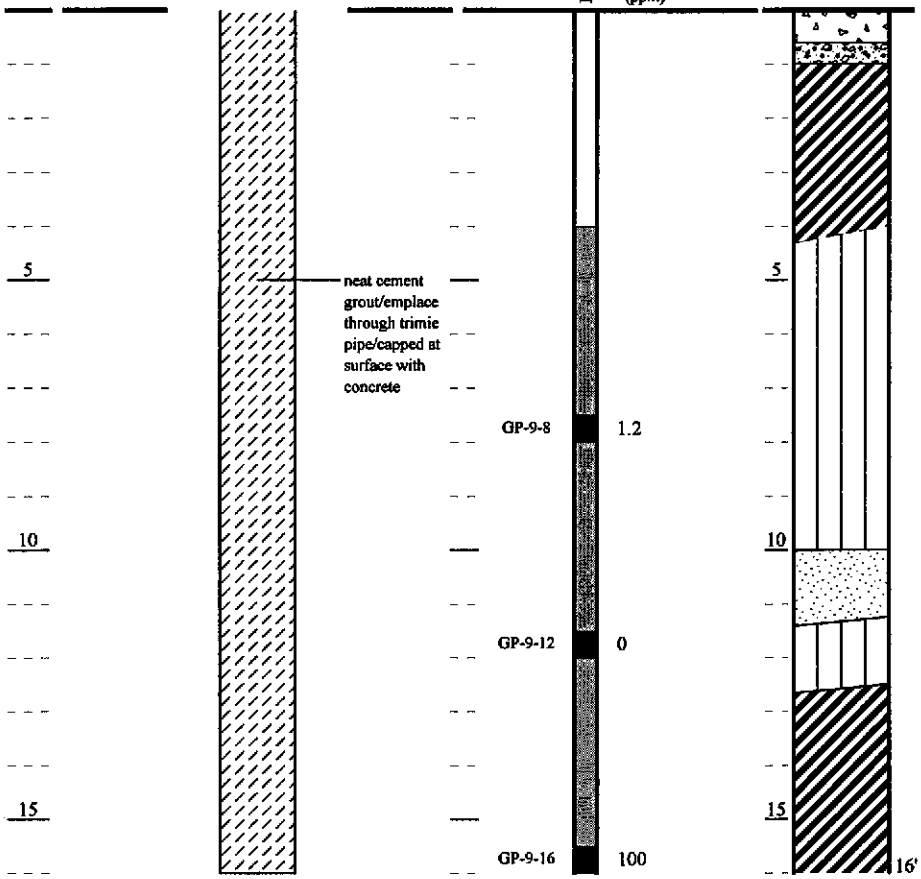


Dates and Times	Logger: J. William Speth	Sampling Method & Diameter: continous-core	Permitting Agency: Alameda County Zone 7 Water Agency
Start: 10/25/99 12:55 PM	Drilling Company & Driller: Vironex, M. Martin	Bore Hole Diameter: 2.25-inches	Permit #: 99192
Total Depth: 10/25/99 1:10 PM	Drillers C-57#: 705927		
Completion or backfill: 10/26/99	Drilling Equipment and method: GeoProbe, hydarulic push		Page 1 of 1

WELL 94-836A.GPJ 12/6/99

Delta Environmental Consultants, Inc.	Street Address: **2991 Hopyard Road**	Project ID: **Exxon Station No. 7-3399**	
	City & State: **Pleasanton, California**	Surface Elev.: **NM**	Well / Boring ID: **GP-9**
	Delta Project #: **D094-836**	Casing Elev.: **N/A**	Total Depth: **16'**

BACKFILL DETAIL | SAMPLING DATA | SOIL PROFILE/LITHOLOGY



Visual Description

CONCRETE SURFACE 6 to 7-inches

Fill Material: poorly graded sand; gray, fine grained.
FAT CLAY: dark brown/black, medium plasticity, dry, stiff. (CH)

SILT: medium brown, nonplastic, dry medium stiff. (ML)

POORLY GRADED SAND: medium to red brown, nonplastic, [illegible], medium dense. (SP)

SILT: medium brown, low plasticity, [illegible], stiff. (ML)

FAT CLAY: medium to dark brown, high plasticity, moist, very stiff. (CH)

color change to black brown, organic material

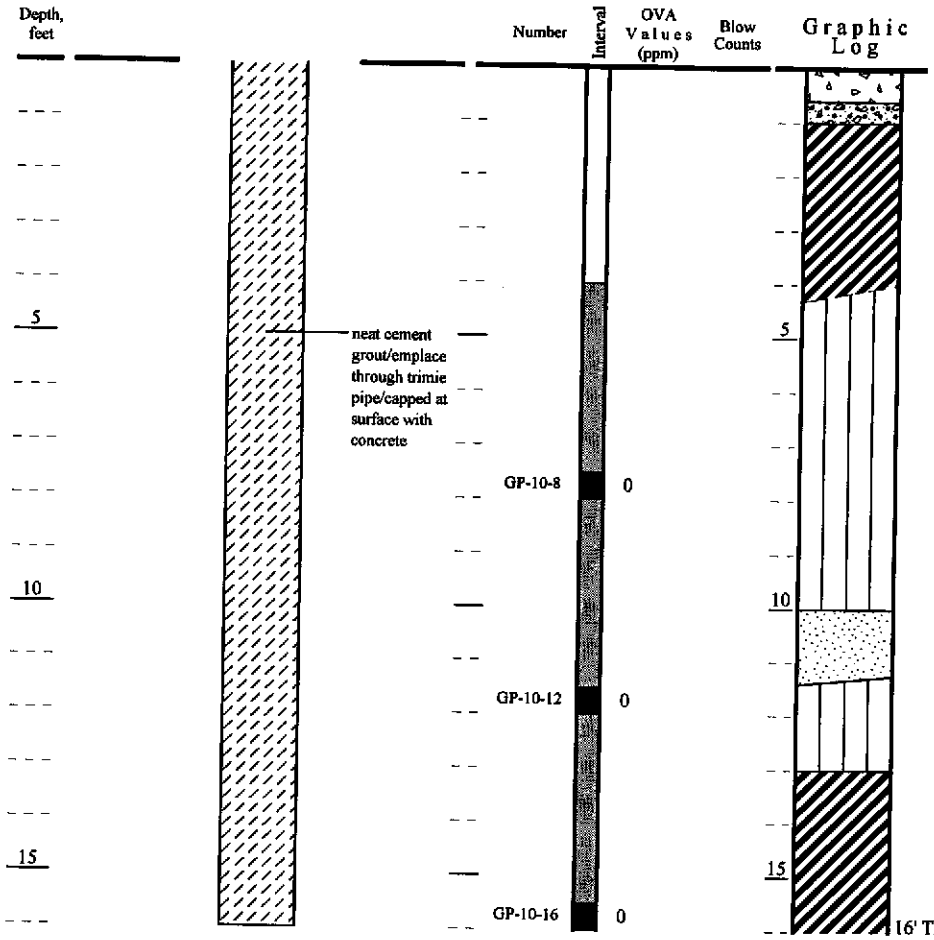
16' TD

Dates and Times	Logger: **J. William Speth**	Sampling Method & Diameter: **continous-core**	Permitting Agency: **Alameda County Zone 7 Water Agency**
Start: **10/25/99 1:25 PM**	Drilling Company & Driller: **Vironex, M. Martin**	Bore Hole Diameter: **2.25-inches**	Permit #: **99192**
Total Depth: **10/25/99 1:40 PM**	Drillers C-57#: **705927**		
Completion or backfill: **10/26/99**	Drilling Equipment and method: **GeoProbe, hydarulic push**		**Page 1 of 1**

WELL 94-836A.GPJ 12/6/99

Delta Environmental Consultants, Inc.	Street Address: 2991 Hopyard Road	Project ID: Exxon Station No. 7-3399	
	City & State: Pleasanton, California	Surface Elev.: NM	Well / Boring ID: GP-10
	Delta Project #: D094-836	Casing Elev.: N/A	Total Depth: 16'

BACKFILL DETAIL | SAMPLING DATA | SOIL PROFILE/LITHOLOGY



Visual Description

CONCRETE SURFACE 6 to 7-inches

Fill Material: poorly graded sand; gray, fine grained.
FAT CLAY: dark brown/black, medium plasticity, dry, stiff. (CH)

SILT: medium brown to greenish-gray, nonplastic, dry, stiff. (ML)

POORLY GRADED SAND: medium to red brown, fine to medium grained, nonplastic, moist, dense. (SP).

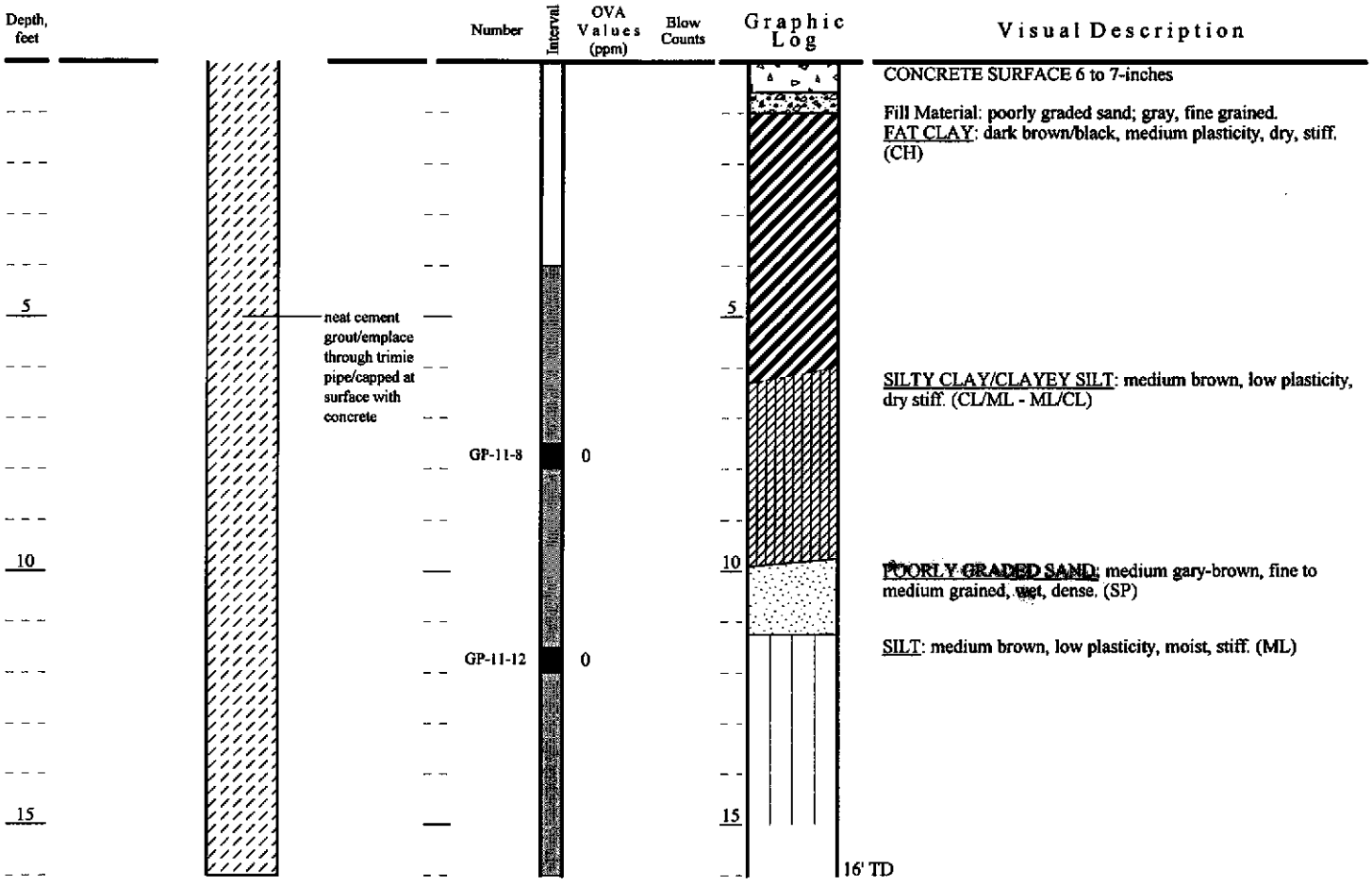
SILT: medium brown, nonplastic, wet, stiff. (ML)

FAT CLAY: medium brown, high plasticity, moist, stiff. (CH)

color change to black dark gray, organic material

Dates and Times	Logger: J. William Speth	Sampling Method & Diameter: continous-core	Permitting Agency: Alameda County Zone 7 Water Agency
Start: 10/25/99 1:55 PM	Drilling Company & Driller: Vironex, M. Martin	Bore Hole Diameter: 2.25-inches	Permit #: 99192
Total Depth: 10/25/99 2:05 PM	Drillers C-57#: 705927		
Completion or backfill: 10/26/99	Drilling Equipment and method: GeoProbe, hydarulic push		

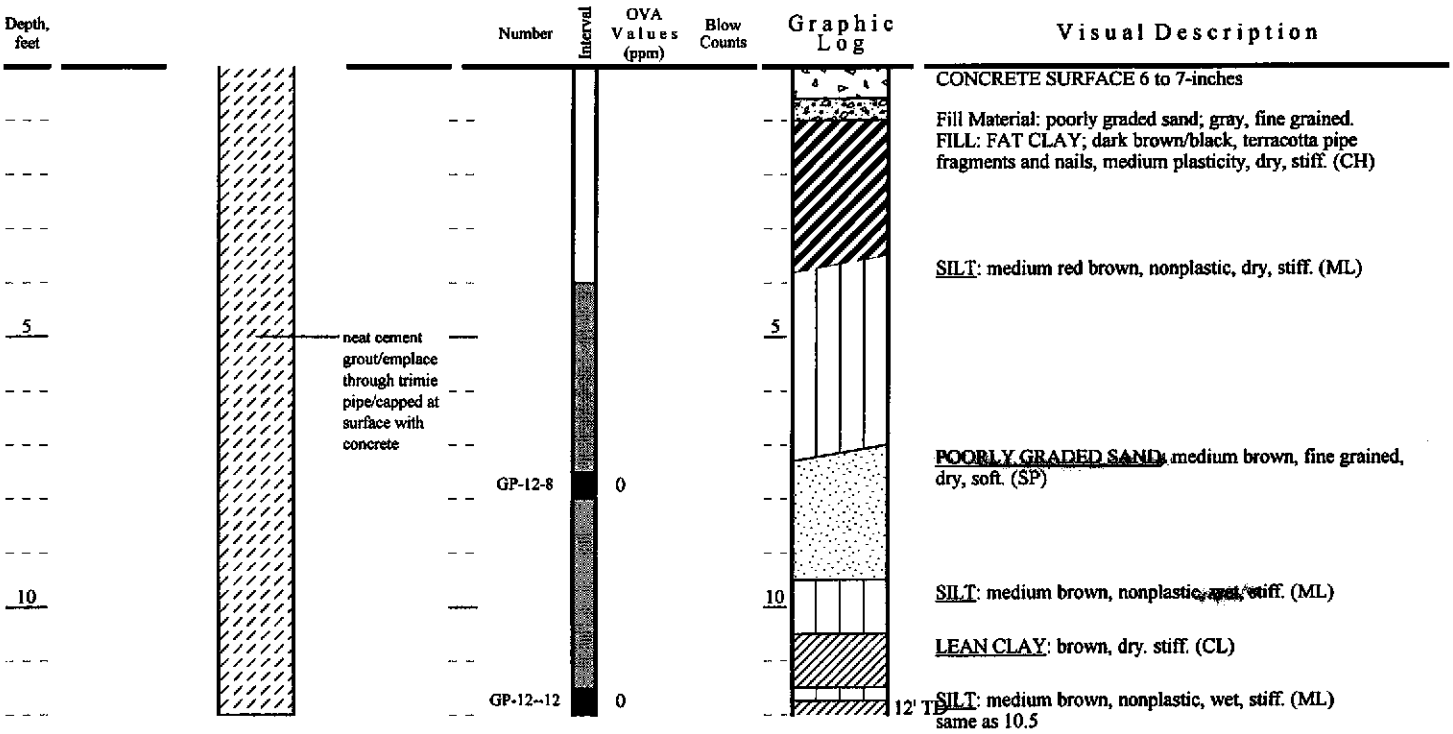
Delta Environmental Consultants, Inc.	Street Address: 2991 Hopyard Road	Project ID: Exxon Station No. 7-3399	
	City & State: Pleasanton, California	Surface Elev.: NM	Well / Boring ID: GP-11
	Delta Project #: D094-836	Casing Elev.: N/A	Total Depth: 16'



Dates and Times	Logger: J. William Speth	Sampling Method & Diameter: continous-core	Permitting Agency: Alameda County Zone 7 Water Agency
Start: 10/25/99 2:15 PM	Drilling Company & Driller: Vironex, M. Martin	Bore Hole Diameter: 2.25-inches	Permit #: 99192
Total Depth: 10/25/99 2:27 PM	Drillers C-57#: 705927		
Completion or backfill: 10/26/99	Drilling Equipment and method: GeoProbe, hydarulic push		Page 1 of 1

WELL 94-836A.GPJ 12/6/99

Delta Environmental Consultants, Inc.	Street Address: 2991 Hopyard Road	Project ID: Exxon Station No. 7-3399	
	City & State: Pleasanton, California	Surface Elev.: NM	Well / Boring ID: GP-12
	Delta Project #: D094-836	Casing Elev.: N/A	Total Depth: 12'

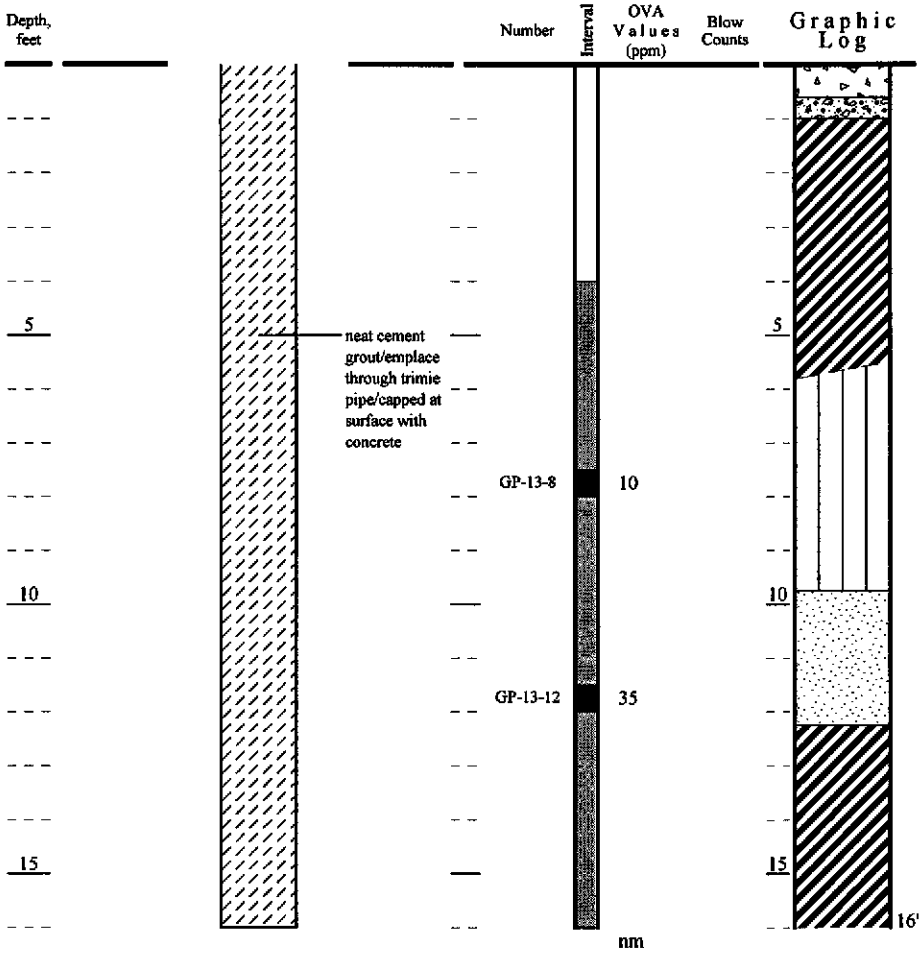


Dates and Times	Logger: J. William Speth	Sampling Method & Diameter: continous-core	Permitting Agency: Alameda County Zone 7 Water Agency
Start: 10/25/99 2:53 PM	Drilling Company & Driller: Vironex, M. Martin	Bore Hole Diameter: 2.25-inches	Permit #: 99192
Total Depth: 10/25/99 3:06 PM	Drillers C-57#: 705927		
Completion or backfill: 10/26/99	Drilling Equipment and method: GeoProbe, hydarulic push		Page 1 of 1

WELL 94-836A.GPJ 12/6/99

Delta Environmental Consultants, Inc.	Street Address: **2991 Hopyard Road**	Project ID: **Exxon Station No. 7-3399**	
	City & State: **Pleasanton, California**	Surface Elev.: **NM**	Well / Boring ID: **GP-13**
	Delta Project #: **D094-836**	Casing Elev.: **N/A**	Total Depth: **16'**

BACKFILL DETAIL | SAMPLING DATA | SOIL PROFILE/LITHOLOGY



Visual Description

CONCRETE SURFACE 6 to 7-inches

Fill Material: poorly graded sand; gray, fine grained.
FAT CLAY: dark brown/black, medium plasticity, dry, stiff. (CH)

SILT WITH SAND: medium brown to greenish gray with oxide mottles, nonplastic, dry, stiff. (ML)

POORLY GRADED SAND: reddish-brown, fine to medium grained, occasional coarse grained, moist/wet, medium dense. (SP)

FAT CLAY: medium brown to reddish-brown, medium plasticity, moist, stiff. (CH)

color change to black brown

Dates and Times	Logger: **J. William Speth**	Sampling Method & Diameter: **continous-core**	Permitting Agency: **Alameda County Zone 7 Water Agency**
Start: **10/25/99 3:18 PM**	Drilling Company & Driller: **Vironex, M. Martin**	Bore Hole Diameter: **2.25-inches**	Permit #: **99192**
Total Depth: **10/25/99 3:25 PM**	Drillers C-57#: **705927**		
Completion or backfill: **10/26/99**	Drilling Equipment and method: **GeoProbe, hydarulic push**		**Page 1 of 1**

WELL 94-836A.GPJ 12/6/99

ENCLOSURE D

Laboratory Analytical Report for Soil Samples

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

Case Narrative for:

EXXON Company U.S.A.

Certificate of Analysis Number:

99100516

Report To:		Project Name:	D094-836	
Delta Environmental Consultants, Inc.		Site:	7-3399,19432526	
Jim R. Brownell, R.G.		Site Address:	2991 Hopyard Road	
3164 Gold Camp Drive, Suite 200			Pleasanton	CA
Rancho Cordova		PO Number:		
California		State:	California	
95670-		State Cert. No.:	1903	
ph: (916) 638-2765	fax: (916) 638-8385	Date Reported:	11/16/99	

Any data flags or quality control exceptions associated with this report will be footnoted in the analytical result page(s) or the quality control summary page(s).

Please do not hesitate to contact us if you have any questions or comments pertaining to this data report. Please reference the above Certificate of Analysis Number.

SPL, Inc. is pleased to be of service to you. We anticipate working with you in fulfilling all your current and future analytical needs.

Wyatt, Neaundra
Project Manager

11/16/99
Date

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

EXXON Company U.S.A.

Certificate of Analysis Number:

99100516

Report To:			
Delta Environmental Consultants, Inc. Jim R. Brownell, R.G. 3164 Gold Camp Drive, Suite 200 Rancho Cordova California 95670- ph: (916) 638-2765 fax: (916) 638-8385	Project Name:	D094-836	
	Site:	7-3399,19432526	
	Site Address:	2991 Hopyard Road Pleasanton	CA
	PO Number:		
	State:	California	
	State Cert. No.:	1903	
	Date Reported:	11/16/99	

Client Sample ID	Lab Sample ID	Matrix	Date Collected	Date Received	COC ID	HOLD
GP-1-7.5	99100516-01	Soil	10/25/99 8:51:00 AM	10/28/99 10:00:00 AM		☐
GP-1-11.5	99100516-02	Soil	10/25/99 9:02:00 AM	10/28/99 10:00:00 AM		☐
GP-1-16	99100516-03	Soil	10/25/99 9:10:00 AM	10/28/99 10:00:00 AM		☐
GP-2-8	99100516-04	Soil	10/25/99 9:22:00 AM	10/28/99 10:00:00 AM		☐
GP-2-12	99100516-05	Soil	10/25/99 9:26:00 AM	10/28/99 10:00:00 AM		☐
GP-3-8	99100516-06	Soil	10/25/99 9:47:00 AM	10/28/99 10:00:00 AM		☐
GP-3-12	99100516-07	Soil	10/25/99 9:52:00 AM	10/28/99 10:00:00 AM		☐
GP-4-8	99100516-08	Soil	10/25/99 10:13:00 AM	10/28/99 10:00:00 AM		☐
GP-4-12	99100516-09	Soil	10/25/99 10:16:00 AM	10/28/99 10:00:00 AM		☐
GP-5-8	99100516-10	Soil	10/25/99 10:32:00 AM	10/28/99 10:00:00 AM		☐
GP-5-12	99100516-11	Soil	10/25/99 10:36:00 AM	10/28/99 10:00:00 AM		☐
GP-6-8	99100516-12	Soil	10/25/99 11:15:00 AM	10/28/99 10:00:00 AM		☐
GP-6-11	99100516-13	Soil	10/25/99 11:28:00 AM	10/28/99 10:00:00 AM		☐
GP-7-8	99100516-14	Soil	10/25/99 10:50:00 AM	10/28/99 10:00:00 AM		☐
GP-7-12	99100516-15	Soil	10/25/99 11:55:00 AM	10/28/99 10:00:00 AM		☐
GP-7-14	99100516-16	Soil	10/25/99 11:58:00 AM	10/28/99 10:00:00 AM		☐
GP-8-8	99100516-17	Soil	10/25/99 1:00:00 PM	10/28/99 10:00:00 AM		☐
GP-8-12	99100516-18	Soil	10/25/99 1:05:00 PM	10/28/99 10:00:00 AM		☐
GP-8-16	99100516-19	Soil	10/25/99 1:10:00 PM	10/28/99 10:00:00 AM		☐
GP-6-14	99100516-20	Soil	10/25/99 11:35:00 AM	10/28/99 10:00:00 AM		☐
GP-9-8	99100516-21	Soil	10/25/99 1:28:00 PM	10/28/99 10:00:00 AM		☐
GP-9-12	99100516-22	Soil	10/25/99 1:30:00 PM	10/28/99 10:00:00 AM		☐
GP-9-16	99100516-23	Soil	10/25/99 1:35:00 PM	10/28/99 10:00:00 AM		☐
GP-10-8	99100516-24	Soil	10/25/99 1:57:00 PM	10/28/99 10:00:00 AM		☐

11/16/99
Date

Wyatt, Neaundra
Project Manager

Joel Grice
Laboratory Director

Ted Yen
Quality Assurance Officer

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

EXXON Company U.S.A.

Certificate of Analysis Number:

99100516

Report To:		Project Name:	D094-836	
Delta Environmental Consultants, Inc.		Site:	7-3399,19432526	
Jim R. Brownell, R.G.		Site Address:	2991 Hopyard Road	
3164 Gold Camp Drive, Suite 200			Pleasanton	CA
Rancho Cordova		PO Number:		
California		State:	California	
95670-		State Cert. No.:	1903	
ph: (916) 638-2765	fax: (916) 638-8385	Date Reported:	11/16/99	

Client Sample ID	Lab Sample ID	Matrix	Date Collected	Date Received	COC ID	HOLD
GP-10-12	99100516-25	Soil	10/25/99 2:00:00 PM	10/28/99 10:00:00 AM		☐
GP-10-16	99100516-26	Soil	10/25/99 2:05:00 PM	10/28/99 10:00:00 AM		☐
GP-11-8	99100516-27	Soil	10/25/99 2:17:00 PM	10/28/99 10:00:00 AM		☐
GP-11-12	99100516-28	Soil	10/25/99 2:21:00 PM	10/28/99 10:00:00 AM		☐
GP-12-8	99100516-29	Soil	10/25/99 3:00:00 PM	10/28/99 10:00:00 AM		☐
GP-12-12	99100516-30	Soil	10/25/99 3:05:00 PM	10/28/99 10:00:00 AM		☐
GP-13-8	99100516-31	Soil	10/25/99 3:20:00 PM	10/28/99 10:00:00 AM		☐
GP-13-12	99100516-32	Soil	10/25/99 3:25:00 PM	10/28/99 10:00:00 AM		☐

Neaundra Wyatt

11/16/99
Date

Wyatt, Neaundra
Project Manager

Joel Grice
Laboratory Director

Ted Yen
Quality Assurance Officer

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

EXXON Company U.S.A.

Certificate of Analysis Number:

99100516

Report To:

Delta Environmental Consultants, Inc.
~~Jim R. Brownell, R.G.~~ WILL
3164 Gold Camp Drive, Suite 200

Rancho Cordova
California
95670-
ph: (916) 638-2765 fax: (916) 638-8385

Project Name:	D094-836
Site:	7-3399,19432526
Site Address:	2991 Hopyard Road
	Pleasanton CA
PO Number:	
State:	California
State Cert. No.:	1903
Date Reported:	11/16/99

Client Sample ID	Lab Sample ID	Matrix	Date Collected	Date Received	COC ID	HOLD
GP-10-12	99100516-25	Soil	10/25/99 2:00:00 PM	10/28/99 10:00:00 AM		☐
GP-10-16	99100516-26	Soil	10/25/99 2:05:00 PM	10/28/99 10:00:00 AM		☐
GP-11-8	99100516-27	Soil	10/25/99 2:17:00 PM	10/28/99 10:00:00 AM		☐
GP-11-12	99100516-28	Soil	10/25/99 2:21:00 PM	10/28/99 10:00:00 AM		☐
GP-12-8	99100516-29	Soil	10/25/99 3:00:00 PM	10/28/99 10:00:00 AM		☐
GP-12-12	99100516-30	Soil	10/25/99 3:05:00 PM	10/28/99 10:00:00 AM		☐
GP-13-8	99100516-31	Soil	10/25/99 3:20:00 PM	10/28/99 10:00:00 AM		☐
GP-13-12	99100516-32	Soil	10/25/99 3:25:00 PM	10/28/99 10:00:00 AM		☐

11/17/99
Date

Wyatt, Neaundra
Project Manager

Joel Grice
Laboratory Director

Ted Yen
Quality Assurance Officer

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

Client Sample ID GP-1-7.5 **Collected:** 10/25/99 8:51:00 **SPL Sample ID:** 99100516-01

Site: 7-3399,19432526

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			CA_GRO		Units: mg/Kg		
Gasoline Range Organics	ND	1	1		11/01/99 16:58	FB	86779
Surr: 1,4-Difluorobenzene	81	72-153	1		11/01/99 16:58	FB	86779
Surr: 4-Bromofluorobenzene	84	51-149	1		11/01/99 16:58	FB	86779
VOLATILE ORGANICS METHOD 8260B			SW8260B		Units: mg/Kg		
Benzene	ND	0.005	1		10/28/99 17:44	TF	83660
Ethylbenzene	ND	0.005	1		10/28/99 17:44	TF	83660
Methyl tert-butyl ether	ND	0.01	1		10/28/99 17:44	TF	83660
Toluene	ND	0.005	1		10/28/99 17:44	TF	83660
m,p-Xylene	ND	0.005	1		10/28/99 17:44	TF	83660
o-Xylene	ND	0.005	1		10/28/99 17:44	TF	83660
Xylenes,Total	ND	0.005	1		10/28/99 17:44	TF	83660
Surr: 1,2-Dichloroethane-d4	100	70-120	1		10/28/99 17:44	TF	83660
Surr: 4-Bromofluorobenzene	100	74-130	1		10/28/99 17:44	TF	83660
Surr: Toluene-d8	96	80-140	1		10/28/99 17:44	TF	83660

Wyatt, Neaundra
Project Manager

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

Client Sample ID GP-1-11.5 **Collected:** 10/25/99 9:02:00 **SPL Sample ID:** 99100516-02

Site: 7-3399,19432526

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			**CA_GRO**		**Units: mg/Kg**		
Gasoline Range Organics	ND	1	1		11/01/99 16:32	FB	86778
Surr: 1,4-Difluorobenzene	82	72-153	1		11/01/99 16:32	FB	86778
Surr: 4-Bromofluorobenzene	88	51-149	1		11/01/99 16:32	FB	86778
VOLATILE ORGANICS METHOD 8260B			**SW8260B**		**Units: mg/Kg**		
Benzene	ND	0.005	1		10/28/99 18:12	TF	83662
Ethylbenzene	ND	0.005	1		10/28/99 18:12	TF	83662
Methyl tert-butyl ether	ND	0.01	1		10/28/99 18:12	TF	83662
Toluene	ND	0.005	1		10/28/99 18:12	TF	83662
m,p-Xylene	ND	0.005	1		10/28/99 18:12	TF	83662
o-Xylene	ND	0.005	1		10/28/99 18:12	TF	83662
Xylenes,Total	ND	0.005	1		10/28/99 18:12	TF	83662
Surr: 1,2-Dichloroethane-d4	98	70-120	1		10/28/99 18:12	TF	83662
Surr: 4-Bromofluorobenzene	100	74-130	1		10/28/99 18:12	TF	83662
Surr: Toluene-d8	98	80-140	1		10/28/99 18:12	TF	83662

Wyatt, Neaundra
Project Manager

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

Client Sample ID GP-1-16 **Collected:** 10/25/99 9:10:00 **SPL Sample ID:** 99100516-03

Site: 7-3399,19432526

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			CA_GRO		Units: mg/Kg		
Gasoline Range Organics	2.2	1	1		11/01/99 17:24	FB	86780
Surr: 1,4-Difluorobenzene	88	72-153	1		11/01/99 17:24	FB	86780
Surr: 4-Bromofluorobenzene	75	51-149	1		11/01/99 17:24	FB	86780
VOLATILE ORGANICS METHOD 8260B			SW8260B		Units: mg/Kg		
Benzene	ND	0.005	1		10/28/99 18:42	TF	83664
Ethylbenzene	ND	0.005	1		10/28/99 18:42	TF	83664
Methyl tert-butyl ether	ND	0.01	1		10/28/99 18:42	TF	83664
Toluene	ND	0.005	1		10/28/99 18:42	TF	83664
m,p-Xylene	ND	0.005	1		10/28/99 18:42	TF	83664
o-Xylene	ND	0.005	1		10/28/99 18:42	TF	83664
Xylenes,Total	ND	0.005	1		10/28/99 18:42	TF	83664
Surr: 1,2-Dichloroethane-d4	100	70-120	1		10/28/99 18:42	TF	83664
Surr: 4-Bromofluorobenzene	100	74-130	1		10/28/99 18:42	TF	83664
Surr: Toluene-d8	96	80-140	1		10/28/99 18:42	TF	83664

Wyatt, Neaundra
Project Manager

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution

HOUSTON LABORATORY
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Client Sample ID GP-2-8 **Collected:** 10/25/99 9:22:00 **SPL Sample ID:** 99100516-04

Site: 7-3399,19432526

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			CA_GRO		Units: mg/Kg		
Gasoline Range Organics	ND	1	1		11/01/99 17:50	FB	86781
Surr: 1,4-Difluorobenzene	82	72-153	1		11/01/99 17:50	FB	86781
Surr: 4-Bromofluorobenzene	87	51-149	1		11/01/99 17:50	FB	86781
VOLATILE ORGANICS METHOD 8260B			SW8260B		Units: mg/Kg		
Benzene	ND	0.005	1		10/28/99 19:11	TF	83666
Ethylbenzene	ND	0.005	1		10/28/99 19:11	TF	83666
Methyl tert-butyl ether	ND	0.01	1		10/28/99 19:11	TF	83666
Toluene	ND	0.005	1		10/28/99 19:11	TF	83666
m,p-Xylene	ND	0.005	1		10/28/99 19:11	TF	83666
o-Xylene	ND	0.005	1		10/28/99 19:11	TF	83666
Xylenes,Total	ND	0.005	1		10/28/99 19:11	TF	83666
Surr: 1,2-Dichloroethane-d4	100	70-120	1		10/28/99 19:11	TF	83666
Surr: 4-Bromofluorobenzene	100	74-130	1		10/28/99 19:11	TF	83666
Surr: Toluene-d8	94	80-140	1		10/28/99 19:11	TF	83666

Wyatt, Neaundra
Project Manager

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution

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8880 INTERCHANGE DRIVE
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Client Sample ID GP-2-12 **Collected:** 10/25/99 9:26:00 **SPL Sample ID:** 99100516-05

Site: 7-3399,19432526

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			CA_GRO		Units: mg/Kg		
Gasoline Range Organics	ND	1	1		11/01/99 18:16	FB	86782
Surr: 1,4-Difluorobenzene	82	72-153	1		11/01/99 18:16	FB	86782
Surr: 4-Bromofluorobenzene	94	51-149	1		11/01/99 18:16	FB	86782
VOLATILE ORGANICS METHOD 8260B			SW8260B		Units: mg/Kg		
Benzene	ND	0.005	1		10/28/99 19:40	TF	83668
Ethylbenzene	ND	0.005	1		10/28/99 19:40	TF	83668
Methyl tert-butyl ether	ND	0.01	1		10/28/99 19:40	TF	83668
Toluene	ND	0.005	1		10/28/99 19:40	TF	83668
m,p-Xylene	ND	0.005	1		10/28/99 19:40	TF	83668
o-Xylene	ND	0.005	1		10/28/99 19:40	TF	83668
Xylenes,Total	ND	0.005	1		10/28/99 19:40	TF	83668
Surr: 1,2-Dichloroethane-d4	96	70-120	1		10/28/99 19:40	TF	83668
Surr: 4-Bromofluorobenzene	110	74-130	1		10/28/99 19:40	TF	83668
Surr: Toluene-d8	98	80-140	1		10/28/99 19:40	TF	83668

Wyatt, Neaundra
Project Manager

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution

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Client Sample ID GP-3-8 **Collected:** 10/25/99 9:47:00 **SPL Sample ID:** 99100516-06

Site: 7-3399,19432526

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			**CA_GRO**		**Units: mg/Kg**		
Gasoline Range Organics	ND	1	1		11/01/99 18:42	FB	86783
Surr: 1,4-Difluorobenzene	82	72-153	1		11/01/99 18:42	FB	86783
Surr: 4-Bromofluorobenzene	92	51-149	1		11/01/99 18:42	FB	86783
VOLATILE ORGANICS METHOD 8260B			**SW8260B**		**Units: mg/Kg**		
Benzene	ND	0.005	1		10/28/99 20:09	TF	83671
Ethylbenzene	ND	0.005	1		10/28/99 20:09	TF	83671
Methyl tert-butyl ether	ND	0.01	1		10/28/99 20:09	TF	83671
Toluene	ND	0.005	1		10/28/99 20:09	TF	83671
m,p-Xylene	ND	0.005	1		10/28/99 20:09	TF	83671
o-Xylene	ND	0.005	1		10/28/99 20:09	TF	83671
Xylenes,Total	ND	0.005	1		10/28/99 20:09	TF	83671
Surr: 1,2-Dichloroethane-d4	100	70-120	1		10/28/99 20:09	TF	83671
Surr: 4-Bromofluorobenzene	100	74-130	1		10/28/99 20:09	TF	83671
Surr: Toluene-d8	96	80-140	1		10/28/99 20:09	TF	83671

Wyatt, Neaundra
Project Manager

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution

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Client Sample ID GP-3-12 **Collected:** 10/25/99 9:52:00 **SPL Sample ID:** 99100516-07

Site: 7-3399,19432526

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			**CA_GRO**		**Units: mg/Kg**		
Gasoline Range Organics	ND	1	1		11/01/99 19:07	FB	86784
Surr: 1,4-Difluorobenzene	84	72-153	1		11/01/99 19:07	FB	86784
Surr: 4-Bromofluorobenzene	91	51-149	1		11/01/99 19:07	FB	86784
VOLATILE ORGANICS METHOD 8260B			**SW8260B**		**Units: mg/Kg**		
Benzene	ND	0.005	1		10/28/99 20:38	TF	83673
Ethylbenzene	ND	0.005	1		10/28/99 20:38	TF	83673
Methyl tert-butyl ether	ND	0.01	1		10/28/99 20:38	TF	83673
Toluene	ND	0.005	1		10/28/99 20:38	TF	83673
m,p-Xylene	ND	0.005	1		10/28/99 20:38	TF	83673
o-Xylene	ND	0.005	1		10/28/99 20:38	TF	83673
Xylenes,Total	ND	0.005	1		10/28/99 20:38	TF	83673
Surr: 1,2-Dichloroethane-d4	96	70-120	1		10/28/99 20:38	TF	83673
Surr: 4-Bromofluorobenzene	100	74-130	1		10/28/99 20:38	TF	83673
Surr: Toluene-d8	90	80-140	1		10/28/99 20:38	TF	83673

Wyatt, Neaundra
Project Manager

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution

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Client Sample ID GP-4-8 **Collected:** 10/25/99 10:13:0 **SPL Sample ID:** 99100516-08

Site: 7-3399,19432526

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			CA_GRO		Units: mg/Kg		
Gasoline Range Organics	ND	1	1		11/01/99 19:33	FB	86785
Surr: 1,4-Difluorobenzene	81	72-153	1		11/01/99 19:33	FB	86785
Surr: 4-Bromofluorobenzene	87	51-149	1		11/01/99 19:33	FB	86785
VOLATILE ORGANICS METHOD 8260B			SW8260B		Units: mg/Kg		
Benzene	ND	0.005	1		10/28/99 21:07	TF	83675
Ethylbenzene	ND	0.005	1		10/28/99 21:07	TF	83675
Methyl tert-butyl ether	ND	0.01	1		10/28/99 21:07	TF	83675
Toluene	ND	0.005	1		10/28/99 21:07	TF	83675
m,p-Xylene	ND	0.005	1		10/28/99 21:07	TF	83675
o-Xylene	ND	0.005	1		10/28/99 21:07	TF	83675
Xylenes,Total	ND	0.005	1		10/28/99 21:07	TF	83675
Surr: 1,2-Dichloroethane-d4	100	70-120	1		10/28/99 21:07	TF	83675
Surr: 4-Bromofluorobenzene	100	74-130	1		10/28/99 21:07	TF	83675
Surr: Toluene-d8	96	80-140	1		10/28/99 21:07	TF	83675

Wyatt, Neaundra
Project Manager

Qualifiers:
ND/U - Not Detected at the Reporting Limit
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* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution

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Client Sample ID GP-4-12 **Collected:** 10/25/99 10:16:0 **SPL Sample ID:** 99100516-09

Site: 7-3399,19432526

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			CA_GRO		Units: mg/Kg		
Gasoline Range Organics	ND	1	1		11/01/99 19:59	FB	86786
Surr: 1,4-Difluorobenzene	82	72-153	1		11/01/99 19:59	FB	86786
Surr: 4-Bromofluorobenzene	85	51-149	1		11/01/99 19:59	FB	86786
VOLATILE ORGANICS METHOD 8260B			SW8260B		Units: mg/Kg		
Benzene	ND	0.005	1		10/28/99 21:35	TF	83678
Ethylbenzene	ND	0.005	1		10/28/99 21:35	TF	83678
Methyl tert-butyl ether	0.07	0.01	1		10/28/99 21:35	TF	83678
Toluene	ND	0.005	1		10/28/99 21:35	TF	83678
m,p-Xylene	ND	0.005	1		10/28/99 21:35	TF	83678
o-Xylene	ND	0.005	1		10/28/99 21:35	TF	83678
Xylenes,Total	ND	0.005	1		10/28/99 21:35	TF	83678
Surr: 1,2-Dichloroethane-d4	98	70-120	1		10/28/99 21:35	TF	83678
Surr: 4-Bromofluorobenzene	100	74-130	1		10/28/99 21:35	TF	83678
Surr: Toluene-d8	96	80-140	1		10/28/99 21:35	TF	83678

Wyatt, Neaundra
Project Manager

Qualifiers:
ND/U - Not Detected at the Reporting Limit
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Client Sample ID GP-5-8 **Collected:** 10/25/99 10:32:0 **SPL Sample ID:** 99100516-10

Site: 7-3399,19432526

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			CA_GRO		Units: mg/Kg		
Gasoline Range Organics	ND	1	1		11/01/99 20:24	FB	86787
Surr: 1,4-Difluorobenzene	82	72-153	1		11/01/99 20:24	FB	86787
Surr: 4-Bromofluorobenzene	84	51-149	1		11/01/99 20:24	FB	86787
VOLATILE ORGANICS METHOD 8260B			SW8260B		Units: mg/Kg		
Benzene	ND	0.005	1		10/29/99 13:48	TF	85145
Ethylbenzene	ND	0.005	1		10/29/99 13:48	TF	85145
Methyl tert-butyl ether	0.015	0.01	1		10/29/99 13:48	TF	85145
Toluene	ND	0.005	1		10/29/99 13:48	TF	85145
m,p-Xylene	ND	0.005	1		10/29/99 13:48	TF	85145
o-Xylene	ND	0.005	1		10/29/99 13:48	TF	85145
Xylenes,Total	ND	0.005	1		10/29/99 13:48	TF	85145
Surr: 1,2-Dichloroethane-d4	94	70-120	1		10/29/99 13:48	TF	85145
Surr: 4-Bromofluorobenzene	100	74-130	1		10/29/99 13:48	TF	85145
Surr: Toluene-d8	96	80-140	1		10/29/99 13:48	TF	85145

Wyatt, Neaundra
Project Manager

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
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J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution

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Client Sample ID GP-5-12 **Collected:** 10/25/99 10:36:0 **SPL Sample ID:** 99100516-11

Site: 7-3399,19432526

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			CA_GRO		Units: mg/Kg		
Gasoline Range Organics	ND	1	1		11/01/99 23:26	FB	86793
Surr: 1,4-Difluorobenzene	83	72-153	1		11/01/99 23:26	FB	86793
Surr: 4-Bromofluorobenzene	86	51-149	1		11/01/99 23:26	FB	86793
VOLATILE ORGANICS METHOD 8260B			SW8260B		Units: mg/Kg		
Benzene	ND	0.005	1		10/29/99 15:13	TF	85148
Ethylbenzene	ND	0.005	1		10/29/99 15:13	TF	85148
Methyl tert-butyl ether	J 1100	1.2	125		11/02/99 18:38	JC	88038
Toluene	ND	0.005	1		10/29/99 15:13	TF	85148
m,p-Xylene	ND	0.005	1		10/29/99 15:13	TF	85148
o-Xylene	ND	0.005	1		10/29/99 15:13	TF	85148
Xylenes,Total	ND	0.005	1		10/29/99 15:13	TF	85148
Surr: 1,2-Dichloroethane-d4	98	70-120	1		10/29/99 15:13	TF	85148
Surr: 1,2-Dichloroethane-d4	88	70-120	125		11/02/99 18:38	JC	88038
Surr: 4-Bromofluorobenzene	98	74-130	1		10/29/99 15:13	TF	85148
Surr: 4-Bromofluorobenzene	110	74-130	125		11/02/99 18:38	JC	88038
Surr: Toluene-d8	98	80-140	1		10/29/99 15:13	TF	85148
Surr: Toluene-d8	100	80-140	125		11/02/99 18:38	JC	88038

Wyatt, Neaundra
Project Manager

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution

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Client Sample ID GP-6-8 = **Collected:** 10/25/99 11:15:0 **SPL Sample ID:** 99100516-12

Site: 7-3399,19432526

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			CA_GRO		Units: mg/Kg		
Gasoline Range Organics	ND	1	1		11/01/99 23:52	FB	86794
Surr: 1,4-Difluorobenzene	82	72-153	1		11/01/99 23:52	FB	86794
Surr: 4-Bromofluorobenzene	85	51-149	1		11/01/99 23:52	FB	86794
VOLATILE ORGANICS METHOD 8260B			SW8260B		Units: mg/Kg		
Benzene	ND	0.005	1		10/29/99 15:41	TF	85149
Ethylbenzene	ND	0.005	1		10/29/99 15:41	TF	85149
Methyl tert-butyl ether	ND	0.01	1		10/29/99 15:41	TF	85149
Toluene	ND	0.005	1		10/29/99 15:41	TF	85149
m,p-Xylene	ND	0.005	1		10/29/99 15:41	TF	85149
o-Xylene	ND	0.005	1		10/29/99 15:41	TF	85149
Xylenes,Total	ND	0.005	1		10/29/99 15:41	TF	85149
Surr: 1,2-Dichloroethane-d4	98	70-120	1		10/29/99 15:41	TF	85149
Surr: 4-Bromofluorobenzene	100	74-130	1		10/29/99 15:41	TF	85149
Surr: Toluene-d8	94	80-140	1		10/29/99 15:41	TF	85149

Wyatt, Neaundra
Project Manager

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution

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Client Sample ID GP-6-11 **Collected:** 10/25/99 11:28:0 **SPL Sample ID:** 99100516-13

Site: 7-3399,19432526

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			CA_GRO		Units: mg/Kg		
Gasoline Range Organics	ND	1	1		11/02/99 0:18	FB	86795
Surr: 1,4-Difluorobenzene	82	72-153	1		11/02/99 0:18	FB	86795
Surr: 4-Bromofluorobenzene	83	51-149	1		11/02/99 0:18	FB	86795
VOLATILE ORGANICS METHOD 8260B			SW8260B		Units: mg/Kg		
Benzene	ND	0.005	1		10/29/99 16:09	TF	85150
Ethylbenzene	ND	0.005	1		10/29/99 16:09	TF	85150
Methyl tert-butyl ether	ND	0.01	1		10/29/99 16:09	TF	85150
Toluene	ND	0.005	1		10/29/99 16:09	TF	85150
m,p-Xylene	ND	0.005	1		10/29/99 16:09	TF	85150
o-Xylene	ND	0.005	1		10/29/99 16:09	TF	85150
Xylenes,Total	ND	0.005	1		10/29/99 16:09	TF	85150
Surr: 1,2-Dichloroethane-d4	92	70-120	1		10/29/99 16:09	TF	85150
Surr: 4-Bromofluorobenzene	98	74-130	1		10/29/99 16:09	TF	85150
Surr: Toluene-d8	92	80-140	1		10/29/99 16:09	TF	85150

Wyatt, Neaundra
Project Manager

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution

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Client Sample ID GP-7-8 **Collected:** 10/25/99 10:50:0 **SPL Sample ID:** 99100516-14

Site: 7-3399,19432526

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			CA_GRO		Units: mg/Kg		
Gasoline Range Organics	ND	1	1		11/02/99 0:44	FB	86796
Surr: 1,4-Difluorobenzene	82	72-153	1		11/02/99 0:44	FB	86796
Surr: 4-Bromofluorobenzene	89	51-149	1		11/02/99 0:44	FB	86796
VOLATILE ORGANICS METHOD 8260B			SW8260B		Units: mg/Kg		
Benzene	ND	0.005	1		10/29/99 16:37	TF	85151
Ethylbenzene	ND	0.005	1		10/29/99 16:37	TF	85151
Methyl tert-butyl ether	ND	0.01	1		10/29/99 16:37	TF	85151
Toluene	ND	0.005	1		10/29/99 16:37	TF	85151
m,p-Xylene	ND	0.005	1		10/29/99 16:37	TF	85151
o-Xylene	ND	0.005	1		10/29/99 16:37	TF	85151
Xylenes,Total	ND	0.005	1		10/29/99 16:37	TF	85151
Surr: 1,2-Dichloroethane-d4	98	70-120	1		10/29/99 16:37	TF	85151
Surr: 4-Bromofluorobenzene	100	74-130	1		10/29/99 16:37	TF	85151
Surr: Toluene-d8	98	80-140	1		10/29/99 16:37	TF	85151

Wyatt, Neaundra
Project Manager

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution

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Client Sample ID GP-7-12 **Collected:** 10/25/99 11:55:0 **SPL Sample ID:** 99100516-15

Site: 7-3399,19432526

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			CA_GRO		Units: mg/Kg		
Gasoline Range Organics	ND	1	1		11/02/99 1:10	FB	86797
Surr: 1,4-Difluorobenzene	84	72-153	1		11/02/99 1:10	FB	86797
Surr: 4-Bromofluorobenzene	88	51-149	1		11/02/99 1:10	FB	86797
VOLATILE ORGANICS METHOD 8260B			SW8260B		Units: mg/Kg		
Benzene	ND	0.005	1		11/01/99 20:53	TF	86981
Ethylbenzene	ND	0.005	1		11/01/99 20:53	TF	86981
Methyl tert-butyl ether	ND	0.01	1		11/01/99 20:53	TF	86981
Toluene	ND	0.005	1		11/01/99 20:53	TF	86981
m,p-Xylene	ND	0.005	1		11/01/99 20:53	TF	86981
o-Xylene	ND	0.005	1		11/01/99 20:53	TF	86981
Xylenes,Total	ND	0.005	1		11/01/99 20:53	TF	86981
Surr: 1,2-Dichloroethane-d4	94	70-120	1		11/01/99 20:53	TF	86981
Surr: 4-Bromofluorobenzene	100	74-130	1		11/01/99 20:53	TF	86981
Surr: Toluene-d8	94	80-140	1		11/01/99 20:53	TF	86981

Wyatt, Neaundra
Project Manager

- **Qualifiers:**
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

Client Sample ID GP-7-14 **Collected:** 10/25/99 11:58:0 **SPL Sample ID:** 99100516-16

Site: 7-3399,19432526

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			CA_GRO		Units: mg/Kg		
Gasoline Range Organics	ND	1	1		11/02/99 1:36	FB	86798
Surr: 1,4-Difluorobenzene	78	72-153	1		11/02/99 1:36	FB	86798
Surr: 4-Bromofluorobenzene	87	51-149	1		11/02/99 1:36	FB	86798
VOLATILE ORGANICS METHOD 8260B			SW8260B		Units: mg/Kg		
Benzene	ND	0.005	1		10/29/99 17:33	TF	85152
Ethylbenzene	ND	0.005	1		10/29/99 17:33	TF	85152
Methyl tert-butyl ether	ND	0.01	1		10/29/99 17:33	TF	85152
Toluene	ND	0.005	1		10/29/99 17:33	TF	85152
m,p-Xylene	ND	0.005	1		10/29/99 17:33	TF	85152
o-Xylene	ND	0.005	1		10/29/99 17:33	TF	85152
Xylenes,Total	ND	0.005	1		10/29/99 17:33	TF	85152
Surr: 1,2-Dichloroethane-d4	110	70-120	1		10/29/99 17:33	TF	85152
Surr: 4-Bromofluorobenzene	100	74-130	1		10/29/99 17:33	TF	85152
Surr: Toluene-d8	96	80-140	1		10/29/99 17:33	TF	85152

Wyatt, Neaundra
Project Manager

Qualifiers:
ND/U - Not Detected at the Reporting Limit
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J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution

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8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

Client Sample ID GP-8-8 **Collected:** 10/25/99 1:00:00 **SPL Sample ID:** 99100516-17

Site: 7-3399,19432526

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			CA_GRO		Units: mg/Kg		
Gasoline Range Organics	ND	1	1		11/02/99 2:02	FB	86805
Surr: 1,4-Difluorobenzene	83	72-153	1		11/02/99 2:02	FB	86805
Surr: 4-Bromofluorobenzene	90	51-149	1		11/02/99 2:02	FB	86805
VOLATILE ORGANICS METHOD 8260B			SW8260B		Units: mg/Kg		
Benzene	ND	0.005	1		10/29/99 18:01	TF	85153
Ethylbenzene	ND	0.005	1		10/29/99 18:01	TF	85153
Methyl tert-butyl ether	ND	0.01	1		10/29/99 18:01	TF	85153
Toluene	ND	0.005	1		10/29/99 18:01	TF	85153
m,p-Xylene	ND	0.005	1		10/29/99 18:01	TF	85153
o-Xylene	ND	0.005	1		10/29/99 18:01	TF	85153
Xylenes,Total	ND	0.005	1		10/29/99 18:01	TF	85153
Surr: 1,2-Dichloroethane-d4	96	70-120	1		10/29/99 18:01	TF	85153
Surr: 4-Bromofluorobenzene	100	74-130	1		10/29/99 18:01	TF	85153
Surr: Toluene-d8	94	80-140	1		10/29/99 18:01	TF	85153

Wyatt, Neaundra
Project Manager

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
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J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution

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8880 INTERCHANGE DRIVE
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Client Sample ID GP-8-12 **Collected:** 10/25/99 1:05:00 **SPL Sample ID:** 99100516-18

Site: 7-3399,19432526

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			**CA_GRO**		**Units: mg/Kg**		
Gasoline Range Organics	ND	1	1		11/02/99 2:27	FB	86806
Surr: 1,4-Difluorobenzene	82	72-153	1		11/02/99 2:27	FB	86806
Surr: 4-Bromofluorobenzene	87	51-149	1		11/02/99 2:27	FB	86806
VOLATILE ORGANICS METHOD 8260B			**SW8260B**		**Units: mg/Kg**		
Benzene	ND	0.005	1		10/29/99 18:29	TF	85154
Ethylbenzene	ND	0.005	1		10/29/99 18:29	TF	85154
Methyl tert-butyl ether	ND	0.01	1		10/29/99 18:29	TF	85154
Toluene	ND	0.005	1		10/29/99 18:29	TF	85154
m,p-Xylene	ND	0.005	1		10/29/99 18:29	TF	85154
o-Xylene	ND	0.005	1		10/29/99 18:29	TF	85154
Xylenes,Total	ND	0.005	1		10/29/99 18:29	TF	85154
Surr: 1,2-Dichloroethane-d4	92	70-120	1		10/29/99 18:29	TF	85154
Surr: 4-Bromofluorobenzene	100	74-130	1		10/29/99 18:29	TF	85154
Surr: Toluene-d8	96	80-140	1		10/29/99 18:29	TF	85154

Wyatt, Neaundra
Project Manager

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
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J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution

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Client Sample ID GP-8-16 **Collected:** 10/25/99 1:10:00 **SPL Sample ID:** 99100516-19

Site: 7-3399,19432526

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			CA_GRO		Units: mg/Kg		
Gasoline Range Organics	ND	1	1		11/02/99 2:53	FB	86807
Surr: 1,4-Difluorobenzene	75	72-153	1		11/02/99 2:53	FB	86807
Surr: 4-Bromofluorobenzene	120	51-149	1		11/02/99 2:53	FB	86807
VOLATILE ORGANICS METHOD 8260B			SW8260B		Units: mg/Kg		
Benzene	ND	0.005	1		10/29/99 18:57	TF	85155
Ethylbenzene	ND	0.005	1		10/29/99 18:57	TF	85155
Methyl tert-butyl ether	ND	0.01	1		10/29/99 18:57	TF	85155
Toluene	ND	0.005	1		10/29/99 18:57	TF	85155
m,p-Xylene	ND	0.005	1		10/29/99 18:57	TF	85155
o-Xylene	ND	0.005	1		10/29/99 18:57	TF	85155
Xylenes,Total	ND	0.005	1		10/29/99 18:57	TF	85155
Surr: 1,2-Dichloroethane-d4	100	70-120	1		10/29/99 18:57	TF	85155
Surr: 4-Bromofluorobenzene	100	74-130	1		10/29/99 18:57	TF	85155
Surr: Toluene-d8	96	80-140	1		10/29/99 18:57	TF	85155

Wyatt, Neaundra
Project Manager

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
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J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution

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Client Sample ID: GP-6-14 **Collected:** 10/25/99 11:35:0 **SPL Sample ID:** 99100516-20

Site: 7-3399,19432526

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			CA_GRO		Units: mg/Kg		
Gasoline Range Organics	1.2	1	1		11/02/99 3:19	FB	86808
Surr: 1,4-Difluorobenzene	82	72-153	1		11/02/99 3:19	FB	86808
Surr: 4-Bromofluorobenzene	270	51-149	1	*	11/02/99 3:19	FB	86808
VOLATILE ORGANICS METHOD 8260B			SW8260B		Units: mg/Kg		
Benzene	ND	0.005	1		10/29/99 19:25	TF	85156
Ethylbenzene	ND	0.005	1		10/29/99 19:25	TF	85156
Methyl tert-butyl ether	ND	0.01	1		10/29/99 19:25	TF	85156
Toluene	ND	0.005	1		10/29/99 19:25	TF	85156
m,p-Xylene	ND	0.005	1		10/29/99 19:25	TF	85156
o-Xylene	ND	0.005	1		10/29/99 19:25	TF	85156
Xylenes,Total	ND	0.005	1		10/29/99 19:25	TF	85156
Surr: 1,2-Dichloroethane-d4	110	70-120	1		10/29/99 19:25	TF	85156
Surr: 4-Bromofluorobenzene	100	74-130	1		10/29/99 19:25	TF	85156
Surr: Toluene-d8	96	80-140	1		10/29/99 19:25	TF	85156

Wyatt, Neaundra
Project Manager

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
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J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution

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Client Sample ID GP-9-8 **Collected:** 10/25/99 1:28:00 **SPL Sample ID:** 99100516-21

Site: 7-3399,19432526

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			CA_GRO		Units: mg/Kg		
Gasoline Range Organics	ND	1	1		11/02/99 7:12	FB	86866
Surr: 1,4-Difluorobenzene	82	72-153	1		11/02/99 7:12	FB	86866
Surr: 4-Bromofluorobenzene	95	51-149	1		11/02/99 7:12	FB	86866
VOLATILE ORGANICS METHOD 8260B			SW8260B		Units: mg/Kg		
Benzene	ND	0.005	1		10/29/99 19:53	TF	85157
Ethylbenzene	ND	0.005	1		10/29/99 19:53	TF	85157
Methyl tert-butyl ether	ND	0.01	1		10/29/99 19:53	TF	85157
Toluene	ND	0.005	1		10/29/99 19:53	TF	85157
m,p-Xylene	ND	0.005	1		10/29/99 19:53	TF	85157
o-Xylene	ND	0.005	1		10/29/99 19:53	TF	85157
Xylenes,Total	ND	0.005	1		10/29/99 19:53	TF	85157
Surr: 1,2-Dichloroethane-d4	100	70-120	1		10/29/99 19:53	TF	85157
Surr: 4-Bromofluorobenzene	100	74-130	1		10/29/99 19:53	TF	85157
Surr: Toluene-d8	96	80-140	1		10/29/99 19:53	TF	85157

Wyatt, Neaundra
Project Manager

Qualifiers:
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>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution

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8880 INTERCHANGE DRIVE
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(713) 660-0901

Client Sample ID GP-9-12 **Collected:** 10/25/99 1:30:00 **SPL Sample ID:** 99100516-22

Site: 7-3399,19432526

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			CA_GRO		Units: mg/Kg		
Gasoline Range Organics	ND	1	1		11/02/99 7:38	FB	86878
Surr: 1,4-Difluorobenzene	83	72-153	1		11/02/99 7:38	FB	86878
Surr: 4-Bromofluorobenzene	86	51-149	1		11/02/99 7:38	FB	86878
VOLATILE ORGANICS METHOD 8260B			SW8260B		Units: mg/Kg		
Benzene	ND	0.005	1		10/29/99 20:21	TF	85158
Ethylbenzene	ND	0.005	1		10/29/99 20:21	TF	85158
Methyl tert-butyl ether	ND	0.01	1		10/29/99 20:21	TF	85158
Toluene	ND	0.005	1		10/29/99 20:21	TF	85158
m,p-Xylene	ND	0.005	1		10/29/99 20:21	TF	85158
o-Xylene	ND	0.005	1		10/29/99 20:21	TF	85158
Xylenes,Total	ND	0.005	1		10/29/99 20:21	TF	85158
Surr: 1,2-Dichloroethane-d4	100	70-120	1		10/29/99 20:21	TF	85158
Surr: 4-Bromofluorobenzene	100	74-130	1		10/29/99 20:21	TF	85158
Surr: Toluene-d8	94	80-140	1		10/29/99 20:21	TF	85158

Wyatt, Neaundra
Project Manager

Qualifiers:
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>MCL - Result Over Maximum Contamination Limit(MCL)
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Client Sample ID GP-9-16 **Collected:** 10/25/99 1:35:00 **SPL Sample ID:** 99100516-23

Site: 7-3399,19432526

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			**CA_GRO**		**Units: mg/Kg**		
Gasoline Range Organics	ND	1	1		11/02/99 8:04	FB	86891
Surr: 1,4-Difluorobenzene	84	72-153	1		11/02/99 8:04	FB	86891
Surr: 4-Bromofluorobenzene	87	51-149	1		11/02/99 8:04	FB	86891
VOLATILE ORGANICS METHOD 8260B			**SW8260B**		**Units: mg/Kg**		
Benzene	ND	0.005	1		10/29/99 20:49	TF	85159
Ethylbenzene	ND	0.005	1		10/29/99 20:49	TF	85159
Methyl tert-butyl ether	ND	0.01	1		10/29/99 20:49	TF	85159
Toluene	ND	0.005	1		10/29/99 20:49	TF	85159
m,p-Xylene	ND	0.005	1		10/29/99 20:49	TF	85159
o-Xylene	ND	0.005	1		10/29/99 20:49	TF	85159
Xylenes,Total	ND	0.005	1		10/29/99 20:49	TF	85159
Surr: 1,2-Dichloroethane-d4	100	70-120	1		10/29/99 20:49	TF	85159
Surr: 4-Bromofluorobenzene	100	74-130	1		10/29/99 20:49	TF	85159
Surr: Toluene-d8	96	80-140	1		10/29/99 20:49	TF	85159

Wyatt, Neaundra
Project Manager

Qualifiers:
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J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
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Client Sample ID GP-10-8 **Collected:** 10/25/99 1:57:00 **SPL Sample ID:** 99100516-24

Site: 7-3399,19432526

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			CA_GRO		Units: mg/Kg		
Gasoline Range Organics	ND	1	1		11/02/99 8:31	FB	86904
Surr: 1,4-Difluorobenzene	83	72-153	1		11/02/99 8:31	FB	86904
Surr: 4-Bromofluorobenzene	86	51-149	1		11/02/99 8:31	FB	86904
VOLATILE ORGANICS METHOD 8260B			SW8260B		Units: mg/Kg		
Benzene	ND	0.005	1		10/29/99 21:17	TF	85160
Ethylbenzene	ND	0.005	1		10/29/99 21:17	TF	85160
Methyl tert-butyl ether	ND	0.01	1		10/29/99 21:17	TF	85160
Toluene	ND	0.005	1		10/29/99 21:17	TF	85160
m,p-Xylene	ND	0.005	1		10/29/99 21:17	TF	85160
o-Xylene	ND	0.005	1		10/29/99 21:17	TF	85160
Xylenes,Total	ND	0.005	1		10/29/99 21:17	TF	85160
Surr: 1,2-Dichloroethane-d4	98	70-120	1		10/29/99 21:17	TF	85160
Surr: 4-Bromofluorobenzene	98	74-130	1		10/29/99 21:17	TF	85160
Surr: Toluene-d8	92	80-140	1		10/29/99 21:17	TF	85160

Wyatt, Neaundra
Project Manager

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
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J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution

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8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

Client Sample ID GP-10-12 **Collected:** 10/25/99 2:00:00 **SPL Sample ID:** 99100516-25

Site: 7-3399,19432526

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			CA_GRO		Units: mg/Kg		
Gasoline Range Organics	ND	1	1		11/02/99 8:57	FB	86916
Surr: 1,4-Difluorobenzene	82	72-153	1		11/02/99 8:57	FB	86916
Surr: 4-Bromofluorobenzene	83	51-149	1		11/02/99 8:57	FB	86916
VOLATILE ORGANICS METHOD 8260B			SW8260B		Units: mg/Kg		
Benzene	ND	0.005	1		10/29/99 21:45	TF	85161
Ethylbenzene	ND	0.005	1		10/29/99 21:45	TF	85161
Methyl tert-butyl ether	0.02	0.01	1		10/29/99 21:45	TF	85161
Toluene	ND	0.005	1		10/29/99 21:45	TF	85161
m,p-Xylene	ND	0.005	1		10/29/99 21:45	TF	85161
o-Xylene	ND	0.005	1		10/29/99 21:45	TF	85161
Xylenes,Total	ND	0.005	1		10/29/99 21:45	TF	85161
Surr: 1,2-Dichloroethane-d4	98	70-120	1		10/29/99 21:45	TF	85161
Surr: 4-Bromofluorobenzene	110	74-130	1		10/29/99 21:45	TF	85161
Surr: Toluene-d8	94	80-140	1		10/29/99 21:45	TF	85161

Wyatt, Neaundra
Project Manager

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution

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HOUSTON, TEXAS 77054
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Client Sample ID GP-10-16 **Collected:** 10/25/99 2:05:00 **SPL Sample ID:** 99100516-26

Site: 7-3399,19432526

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			CA_GRO		Units: mg/Kg		
Gasoline Range Organics	ND	1	1		11/02/99 9:23	FB	86929
Surr: 1,4-Difluorobenzene	79	72-153	1		11/02/99 9:23	FB	86929
Surr: 4-Bromofluorobenzene	77	51-149	1		11/02/99 9:23	FB	86929
VOLATILE ORGANICS METHOD 8260B			SW8260B		Units: mg/Kg		
Benzene	ND	0.005	1		10/29/99 22:13	TF	85162
Ethylbenzene	ND	0.005	1		10/29/99 22:13	TF	85162
Methyl tert-butyl ether	ND	0.01	1		10/29/99 22:13	TF	85162
Toluene	ND	0.005	1		10/29/99 22:13	TF	85162
m,p-Xylene	ND	0.005	1		10/29/99 22:13	TF	85162
o-Xylene	ND	0.005	1		10/29/99 22:13	TF	85162
Xylenes,Total	ND	0.005	1		10/29/99 22:13	TF	85162
Surr: 1,2-Dichloroethane-d4	98	70-120	1		10/29/99 22:13	TF	85162
Surr: 4-Bromofluorobenzene	100	74-130	1		10/29/99 22:13	TF	85162
Surr: Toluene-d8	96	80-140	1		10/29/99 22:13	TF	85162

Wyatt, Neaundra
Project Manager

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

Client Sample ID GP-11-8 **Collected:** 10/25/99 2:17:00 **SPL Sample ID:** 99100516-27

Site: 7-3399,19432526

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			CA_GRO		Units: mg/Kg		
Gasoline Range Organics	ND	1	1		11/02/99 9:49	FB	86943
Surr: 1,4-Difluorobenzene	78	72-153	1		11/02/99 9:49	FB	86943
Surr: 4-Bromofluorobenzene	100	51-149	1		11/02/99 9:49	FB	86943
VOLATILE ORGANICS METHOD 8260B			SW8260B		Units: mg/Kg		
Benzene	ND	0.005	1		10/29/99 22:41	TF	85163
Ethylbenzene	ND	0.005	1		10/29/99 22:41	TF	85163
Methyl tert-butyl ether	ND	0.01	1		10/29/99 22:41	TF	85163
Toluene	ND	0.005	1		10/29/99 22:41	TF	85163
m,p-Xylene	ND	0.005	1		10/29/99 22:41	TF	85163
o-Xylene	ND	0.005	1		10/29/99 22:41	TF	85163
Xylenes,Total	ND	0.005	1		10/29/99 22:41	TF	85163
Surr: 1,2-Dichloroethane-d4	100	70-120	1		10/29/99 22:41	TF	85163
Surr: 4-Bromofluorobenzene	100	74-130	1		10/29/99 22:41	TF	85163
Surr: Toluene-d8	96	80-140	1		10/29/99 22:41	TF	85163

Wyatt, Neaundra
Project Manager

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

Client Sample ID GP-11-12 **Collected:** 10/25/99 2:21:00 **SPL Sample ID:** 99100516-28

Site: 7-3399,19432526

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			**CA_GRO**		**Units: mg/Kg**		
Gasoline Range Organics	ND	1	1		11/02/99 10:15	FB	86954
Surr: 1,4-Difluorobenzene	77	72-153	1		11/02/99 10:15	FB	86954
Surr: 4-Bromofluorobenzene	130	51-149	1		11/02/99 10:15	FB	86954
VOLATILE ORGANICS METHOD 8260B			**SW8260B**		**Units: mg/Kg**		
Benzene	ND	0.005	1		10/29/99 23:09	TF	85164
Ethylbenzene	ND	0.005	1		10/29/99 23:09	TF	85164
Methyl tert-butyl ether	ND	0.01	1		10/29/99 23:09	TF	85164
Toluene	ND	0.005	1		10/29/99 23:09	TF	85164
m,p-Xylene	ND	0.005	1		10/29/99 23:09	TF	85164
o-Xylene	ND	0.005	1		10/29/99 23:09	TF	85164
Xylenes,Total	ND	0.005	1		10/29/99 23:09	TF	85164
Surr: 1,2-Dichloroethane-d4	96	70-120	1		10/29/99 23:09	TF	85164
Surr: 4-Bromofluorobenzene	98	74-130	1		10/29/99 23:09	TF	85164
Surr: Toluene-d8	94	80-140	1		10/29/99 23:09	TF	85164

Wyatt, Neaundra
Project Manager

Qualifiers:
ND/U - Not Detected at the Reporting Limit
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J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution

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8880 INTERCHANGE DRIVE
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(713) 660-0901

Client Sample ID GP-12-8 **Collected:** 10/25/99 3:00:00 **SPL Sample ID:** 99100516-29

Site: 7-3399,19432526

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			CA_GRO		Units: mg/Kg		
Gasoline Range Organics	ND	1	1		11/02/99 11:33	FB	86972
Surr: 1,4-Difluorobenzene	78	72-153	1		11/02/99 11:33	FB	86972
Surr: 4-Bromofluorobenzene	90	51-149	1		11/02/99 11:33	FB	86972
VOLATILE ORGANICS METHOD 8260B			SW8260B		Units: mg/Kg		
Benzene	ND	0.005	1		11/01/99 21:21	TF	86983
Ethylbenzene	ND	0.005	1		11/01/99 21:21	TF	86983
Methyl tert-butyl ether	ND	0.01	1		11/01/99 21:21	TF	86983
Toluene	ND	0.005	1		11/01/99 21:21	TF	86983
m,p-Xylene	ND	0.005	1		11/01/99 21:21	TF	86983
o-Xylene	ND	0.005	1		11/01/99 21:21	TF	86983
Xylenes,Total	ND	0.005	1		11/01/99 21:21	TF	86983
Surr: 1,2-Dichloroethane-d4	98	70-120	1		11/01/99 21:21	TF	86983
Surr: 4-Bromofluorobenzene	98	74-130	1		11/01/99 21:21	TF	86983
Surr: Toluene-d8	96	80-140	1		11/01/99 21:21	TF	86983

Wyatt, Neaundra
Project Manager

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
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J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
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(713) 660-0901

Client Sample ID GP-12-12 **Collected:** 10/25/99 3:05:00 **SPL Sample ID:** 99100516-30

Site: 7-3399,19432526

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			CA_GRO		Units: mg/Kg		
Gasoline Range Organics	ND	1	1		11/02/99 11:58	FB	86982
Surr: 1,4-Difluorobenzene	79	72-153	1		11/02/99 11:58	FB	86982
Surr: 4-Bromofluorobenzene	92	51-149	1		11/02/99 11:58	FB	86982
VOLATILE ORGANICS METHOD 8260B			SW8260B		Units: mg/Kg		
Benzene	ND	0.005	1		11/01/99 21:49	TF	86984
Ethylbenzene	ND	0.005	1		11/01/99 21:49	TF	86984
Methyl tert-butyl ether	ND	0.01	1		11/01/99 21:49	TF	86984
Toluene	ND	0.005	1		11/01/99 21:49	TF	86984
m,p-Xylene	ND	0.005	1		11/01/99 21:49	TF	86984
o-Xylene	ND	0.005	1		11/01/99 21:49	TF	86984
Xylenes,Total	ND	0.005	1		11/01/99 21:49	TF	86984
Surr: 1,2-Dichloroethane-d4	86	70-120	1		11/01/99 21:49	TF	86984
Surr: 4-Bromofluorobenzene	100	74-130	1		11/01/99 21:49	TF	86984
Surr: Toluene-d8	96	80-140	1		11/01/99 21:49	TF	86984

Wyatt, Neaundra
Project Manager

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
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(713) 660-0901

Client Sample ID GP-13-8 **Collected:** 10/25/99 3:20:00 **SPL Sample ID:** 99100516-31

Site: 7-3399,19432526

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			CA_GRO		Units: mg/Kg		
Gasoline Range Organics	ND	1	1		11/02/99 6:20	FB	86841
Surr: 1,4-Difluorobenzene	82	72-153	1		11/02/99 6:20	FB	86841
Surr: 4-Bromofluorobenzene	85	51-149	1		11/02/99 6:20	FB	86841
VOLATILE ORGANICS METHOD 8260B			SW8260B		Units: mg/Kg		
Benzene	ND	0.005	1		11/01/99 22:17	TF	86985
Ethylbenzene	ND	0.005	1		11/01/99 22:17	TF	86985
Methyl tert-butyl ether	ND	0.01	1		11/01/99 22:17	TF	86985
Toluene	ND	0.005	1		11/01/99 22:17	TF	86985
m,p-Xylene	ND	0.005	1		11/01/99 22:17	TF	86985
o-Xylene	ND	0.005	1		11/01/99 22:17	TF	86985
Xylenes,Total	ND	0.005	1		11/01/99 22:17	TF	86985
Surr: 1,2-Dichloroethane-d4	98	70-120	1		11/01/99 22:17	TF	86985
Surr: 4-Bromofluorobenzene	100	74-130	1		11/01/99 22:17	TF	86985
Surr: Toluene-d8	96	80-140	1		11/01/99 22:17	TF	86985

Wyatt, Neaundra
Project Manager

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
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(713) 660-0901

Client Sample ID GP-13-12 **Collected:** 10/25/99 3:25:00 **SPL Sample ID:** 99100516-32

Site: 7-3399,19432526

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			CA_GRO		Units: mg/Kg		
Gasoline Range Organics	ND	1	1		11/02/99 6:46	FB	86853
Surr: 1,4-Difluorobenzene	79	72-153	1		11/02/99 6:46	FB	86853
Surr: 4-Bromofluorobenzene	88	51-149	1		11/02/99 6:46	FB	86853
VOLATILE ORGANICS METHOD 8260B			SW8260B		Units: mg/Kg		
Benzene	ND	0.005	1		11/01/99 22:45	TF	86986
Ethylbenzene	ND	0.005	1		11/01/99 22:45	TF	86986
Methyl tert-butyl ether	ND	0.01	1		11/01/99 22:45	TF	86986
Toluene	ND	0.005	1		11/01/99 22:45	TF	86986
m,p-Xylene	ND	0.005	1		11/01/99 22:45	TF	86986
o-Xylene	ND	0.005	1		11/01/99 22:45	TF	86986
Xylenes,Total	ND	0.005	1		11/01/99 22:45	TF	86986
Surr: 1,2-Dichloroethane-d4	94	70-120	1		11/01/99 22:45	TF	86986
Surr: 4-Bromofluorobenzene	94	74-130	1		11/01/99 22:45	TF	86986
Surr: Toluene-d8	92	80-140	1		11/01/99 22:45	TF	86986

Neaundra Wyatt

Wyatt, Neaundra
Project Manager

Qualifiers:
- ND/U - Not Detected at the Reporting Limit
- B - Analyte detected in the associated Method Blank
- * - Surrogate Recovery Outside Advisable QC Limits
- J - Estimated Value between MDL and PQL
- >MCL - Result Over Maximum Contamination Limit(MCL)
- D - Surrogate Recovery Unreportable due to Dilution

Quality Control Documentation

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

Quality Control Report

EXXON Company U.S.A.

D094-836

Analysis: Gasoline Range Organics
Method: CA_GRO

WorkOrder: 99100516
Lab Batch ID: R4144

Method Blank

RunID: HP_J_991101A-86792 Units: mg/Kg
Analysis Date: 11/01/1999 23:01 Analyst: FB

Analyte	Result	Rep Limit
Gasoline Range Organics	ND	1.0
Surr: 1,4-Difluorobenzene	81.7	72-153
Surr: 4-Bromofluorobenzene	90.6	51-149

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
99100516-01A	GP-1-7.5
99100516-02A	GP-1-11.5
99100516-03A	GP-1-16
99100516-04A	GP-2-8
99100516-05A	GP-2-12
99100516-06A	GP-3-8
99100516-07A	GP-3-12
99100516-08A	GP-4-8
99100516-09A	GP-4-12
99100516-10A	GP-5-8
99100516-11A	GP-5-12
99100516-12A	GP-6-8
99100516-13A	GP-6-11
99100516-14A	GP-7-8
99100516-15A	GP-7-12
99100516-16A	GP-7-14
99100516-17A	GP-8-8
99100516-18A	GP-8-12
99100516-19A	GP-8-16
99100516-20A	GP-6-14

Laboratory Control Sample (LCS)

RunID: HP_J_991101A-86789 Units: mg/Kg
Analysis Date: 11/01/1999 21:43 Analyst: FB

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Gasoline Range Organics	1	0.65	65	53	137

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 99100516-02
RunID: HP_J_991101A-86791 Units: mg/Kg
Analysis Date: 11/01/1999 22:35 Analyst: FB

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
* - Recovery Outside Advisable QC Limits
D - Surrogate Recovery Unreportable due to Dilution

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

Quality Control Report

EXXON Company U.S.A.

D094-836

Analysis: Gasoline Range Organics
Method: CA_GRO

WorkOrder: 99100516
Lab Batch ID: R4144

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Gasoline Range Organics	ND	0.9	0.63	70.2	0.9	0.62	69.4	1.05	50	36	163

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
* - Recovery Outside Advisable QC Limits
D - Surrogate Recovery Unreportable due to Dilution

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

Quality Control Report

EXXON Company U.S.A.

D094-836

Analysis: Gasoline Range Organics
Method: CA_GRO

WorkOrder: 99100516
Lab Batch ID: R4147

Method Blank

RunID: HP_J_991102A-86826 Units: mg/Kg
Analysis Date: 11/02/1999 5:54 Analyst: FB

Analyte	Result	Rep Limit
Gasoline Range Organics	ND	0.10
Surr: 1,4-Difluorobenzene	82.4	72-153
Surr: 4-Bromofluorobenzene	89.2	51-149

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
99100516-21A	GP-9-8
99100516-22A	GP-9-12
99100516-23A	GP-9-16
99100516-24A	GP-10-8
99100516-25A	GP-10-12
99100516-26A	GP-10-16
99100516-27A	GP-11-8
99100516-28A	GP-11-12
99100516-29A	GP-12-8
99100516-30A	GP-12-12
99100516-31A	GP-13-8
99100516-32A	GP-13-12

Laboratory Control Sample (LCS)

RunID: HP_J_991102A-86816 Units: mg/Kg
Analysis Date: 11/02/1999 4:37 Analyst: FB

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Gasoline Range Organics	1	0.64	64	53	137

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 99100516-31
RunID: HP_J_991102A-86818 Units: mg/Kg
Analysis Date: 11/02/1999 5:28 Analyst: FB

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Gasoline Range Organics	ND	0.9	0.68	75.1	0.9	0.7	77.3	3.00	50	36	163

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
* - Recovery Outside Advisable QC Limits
D - Surrogate Recovery Unreportable due to Dilution

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

Quality Control Report

EXXON Company U.S.A.

D094-836

Analysis: Volatile Organics
Method: SW8260B

WorkOrder: 99100516
Lab Batch ID: R4015

Method Blank

RunID: K_991028A-83642 Units: ug/Kg
Analysis Date: 10/28/1999 12:22 Analyst: TF

Analyte	Result	Rep Limit
Benzene	ND	5.0
Ethylbenzene	ND	5.0
Methyl tert-butyl ether	ND	10
Toluene	ND	5.0
m,p-Xylene	ND	5.0
o-Xylene	ND	5.0
Xylenes,Total	ND	5.0
Surr: 1,2-Dichloroethane-d4	106.0	70-120
Surr: 4-Bromofluorobenzene	100.0	74-130
Surr: Toluene-d8	96.0	80-140

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
99100516-01A	GP-1-7.5
99100516-02A	GP-1-11.5
99100516-03A	GP-1-16
99100516-04A	GP-2-8
99100516-05A	GP-2-12
99100516-06A	GP-3-8
99100516-07A	GP-3-12
99100516-08A	GP-4-8
99100516-09A	GP-4-12

Laboratory Control Sample (LCS)

RunID: K_991028A-83640 Units: ug/Kg
Analysis Date: 10/28/1999 11:51 Analyst: TF

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
1,1-Dichloroethene	50	40	80	59	172
Benzene	50	44	88	66	142
Chlorobenzene	50	46	92	60	133
Toluene	50	43	86	59	139
Trichloroethene	50	45	90	62	137

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 99100448-02
RunID: K_991028A-83647 Units: ug/Kg
Analysis Date: 10/28/1999 13:19 Analyst: TF

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
1,1-Dichloroethene	ND	50	32	64	50	30	60	6	22	59	172
Benzene	ND	50	38	76	50	33	66	14	21	66	142

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
* - Recovery Outside Advisable QC Limits
D - Surrogate Recovery Unreportable due to Dilution

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
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(713) 660-0901

Quality Control Report

EXXON Company U.S.A.

D094-836

Analysis: Volatile Organics
Method: SW8260B

WorkOrder: 99100516
Lab Batch ID: R4015

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 99100448-02
RunID: K_991028A-83647 Units: ug/Kg
Analysis Date: 10/28/1999 13:19 Analyst: TF

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Chlorobenzene	ND	50	35	70	50	33	66	6	21	60	133
Toluene	ND	50	33	66	50	30	60	10	21	59	139
Trichloroethene	ND	50	38	76	50	34	68	11	24	62	137

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
* - Recovery Outside Advisable QC Limits
D - Surrogate Recovery Unreportable due to Dilution

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

Quality Control Report

EXXON Company U.S.A.

D094-836

Analysis: Volatile Organics
Method: SW8260B

WorkOrder: 99100516
Lab Batch ID: R4077

Method Blank

RunID: K_991029A-85144 Units: ug/Kg
Analysis Date: 10/29/1999 13:19 Analyst: TF

Analyte	Result	Rep Limit
Benzene	ND	5.0
Ethylbenzene	ND	5.0
Methyl tert-butyl ether	ND	10
Toluene	ND	5.0
m,p-Xylene	ND	5.0
o-Xylene	ND	5.0
Xylenes,Total	ND	5.0
Surr: 1,2-Dichloroethane-d4	96.0	70-120
Surr: 4-Bromofluorobenzene	104.0	74-130
Surr: Toluene-d8	98.0	80-140

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
99100516-10A	GP-5-8
99100516-11A	GP-5-12
99100516-12A	GP-6-8
99100516-13A	GP-6-11
99100516-14A	GP-7-8
99100516-16A	GP-7-14
99100516-17A	GP-8-8
99100516-18A	GP-8-12
99100516-19A	GP-8-16
99100516-20A	GP-6-14
99100516-21A	GP-9-8
99100516-22A	GP-9-12
99100516-23A	GP-9-16
99100516-24A	GP-10-8
99100516-25A	GP-10-12
99100516-26A	GP-10-16
99100516-27A	GP-11-8
99100516-28A	GP-11-12

Laboratory Control Sample (LCS)

RunID: K_991029A-85143 Units: ug/Kg
Analysis Date: 10/29/1999 12:50 Analyst: TF

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
1,1-Dichloroethene	50	38	76	59	172
Benzene	50	42	84	66	142
Chlorobenzene	50	45	90	60	133
Toluene	50	41	82	59	139
Trichloroethene	50	45	90	62	137

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 99100516-10
RunID: K_991029A-85146 Units: ug/Kg
Analysis Date: 10/29/1999 14:17 Analyst: TF

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
* - Recovery Outside Advisable QC Limits
D - Surrogate Recovery Unreportable due to Dilution

HOUSTON LABORATORY
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(713) 660-0901

Quality Control Report

EXXON Company U.S.A.

D094-836

Analysis: Volatile Organics
Method: SW8260B

WorkOrder: 99100516
Lab Batch ID: R4077

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
1-Dichloroethene	ND	50	30	60	50	33	66	10	22	59	172
Benzene	ND	50	35	70	50	37	74	6	21	66	142
Chlorobenzene	ND	50	33	66	50	35	70	6	21	60	133
Toluene	ND	50	32	64	50	34	68	6	21	59	139
Trichloroethene	ND	50	35	70	50	37	74	6	24	62	137

Qualifiers:

ND/U - Not Detected at the Reporting Limit

B - Analyte detected in the associated Method Blank

J - Estimated value between MDL and PQL

* - Recovery Outside Advisable QC Limits

D - Surrogate Recovery Unreportable due to Dilution

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

Quality Control Report

EXXON Company U.S.A.

D094-836

Analysis: Volatile Organics
Method: SW8260B

WorkOrder: 99100516
Lab Batch ID: R4149

Method Blank

RunID: K_991101A-86974 Units: ug/Kg
Analysis Date: 11/01/1999 17:09 Analyst: TF

Analyte	Result	Rep Limit
Benzene	ND	5.0
Ethylbenzene	ND	5.0
Methyl tert-butyl ether	ND	10
Toluene	ND	5.0
m,p-Xylene	ND	5.0
o-Xylene	ND	5.0
Xylenes,Total	ND	5.0
Surr: 1,2-Dichloroethane-d4	92.0	70-120
Surr: 4-Bromofluorobenzene	100.0	74-130
Surr: Toluene-d8	94.0	80-140

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
99100516-15A	GP-7-12
99100516-29A	GP-12-8
99100516-30A	GP-12-12
99100516-31A	GP-13-8
99100516-32A	GP-13-12

Laboratory Control Sample (LCS)

RunID: K_991101A-86973 Units: ug/Kg
Analysis Date: 11/01/1999 15:41 Analyst: TF

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
1,1-Dichloroethene	50	47	94	59	172
Benzene	50	50	100	66	142
Chlorobenzene	50	52	104	60	133
Toluene	50	50	100	59	139
Trichloroethene	50	55	110	62	137

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 99100549-01
RunID: K_991101A-86976 Units: ug/Kg
Analysis Date: 11/01/1999 18:05 Analyst: TF

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
1,1-Dichloroethene	ND	50	40	80	50	42	84	5	22	59	172
Benzene	ND	50	43	86	50	46	92	7	21	66	142

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
* - Recovery Outside Advisable QC Limits
D - Surrogate Recovery Unreportable due to Dilution

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

Quality Control Report

EXXON Company U.S.A.

D094-836

Analysis: Volatile Organics
Method: SW8260B

WorkOrder: 99100516
Lab Batch ID: R4149

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 99100549-01
RunID: K_991101A-86976 Units: ug/Kg
Analysis Date: 11/01/1999 18:05 Analyst: TF

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
hlorobenzene	ND	50	39	78	50	43	86	10	21	60	133
oluene	ND	50	40	80	50	44	88	10	21	59	139
Trichloroethene	ND	50	45	90	50	48	96	6	24	62	137

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
* - Recovery Outside Advisable QC Limits
D - Surrogate Recovery Unreportable due to Dilution

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

Quality Control Report

EXXON Company U.S.A.

D094-836

Analysis: Volatile Organics
Method: SW8260B

WorkOrder: 99100516
Lab Batch ID: R4195

Method Blank

RunID: L_991102B-88036 Units: ug/Kg
Analysis Date: 11/02/1999 18:14 Analyst: JC

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
99100516-11A	GP-5-12

Analyte	Result	Rep Limit
Methyl tert-butyl ether	ND	1200
Surr: 1,2-Dichloroethane-d4	88.0	70-120
Surr: 4-Bromofluorobenzene	105.6	74-130
Surr: Toluene-d8	100.8	80-140

Laboratory Control Sample (LCS)

RunID: L_991102B-103007 Units: ug/Kg
Analysis Date: 11/02/1999 10:46 Analyst: JC

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
1,1-Dichloroethene	50	45	90	59	172
Benzene	50	50	100	66	142
Chlorobenzene	50	50	100	60	133
Toluene	50	50	100	59	139
Trichloroethene	50	48	96	62	137

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 99100516-11
RunID: L_991102B-88041 Units: ug/Kg
Analysis Date: 11/02/1999 19:02 Analyst: JC

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
1-Dichloroethene	ND	6250	5500	88	6250	5400	86	2	22	59	172
enzene	ND	6250	6200	99	6250	6300	101	2	21	66	142
Chlorobenzene	ND	6250	6500	104	6250	6200	99	5	21	60	133
oluene	ND	6250	6400	102	6250	6200	99	3	21	59	139
richloroethene	ND	6250	5900	94	6250	6200	99	5	24	62	137

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
* - Recovery Outside Advisable QC Limits
D - Surrogate Recovery Unreportable due to Dilution

Chain of Custody

And

Sample Receipt Checklist

EXXON COMPANY, USA.

CHAIN OF CUSTODY RECORD NO. 99005116 Page 1 of 4

Exxon Engineer: Parin Rouse Phone: (925) 246-8768
Consultant Co. Name: Delta Env. Contact: Jim Brownell
Address: 3164 Gold Camp DR #200 Phone: (916) 638-2765
Rancho Cordova, Ca Fax: (916) 638-8385

RAS #: 7-3399 Facility/State ID # (TN Only):
AFE # (Terminal Only): Consultant Project #: D094-836
Location: 2991 Hopyard Road (City): Pleasanton (State): Ca
☒ EE ☐ C & M ☐ SDT
Consultant Work Release #: 19432626
Sampled By: J. William Speth

SAMPLE I.D.	DATE	TIME	COMP.	GRAB	MATRIX H2O	MATRIX SOIL	MATRIX AIR	OTHER	PRESERVATIVE	NO. OF CONTAINERS	CONTAINER SIZE 8 oz WM Glass	BTEX 8020 ☐ WITH MTBE ☐ 602 ☐	PURGEABLE HALOCARBON 8010 ☐ 601 ☐	TPH/IR 418.1 ☐	O&G IR 413.1 ☐ GRAV. 413.2 ☐	TPH/GC 8015 GRO ☒ 8015 DRO ☐	VOL 8240 ☐ 624 ☐	SEMI-VOL 8270 ☐ 625 ☐	PNA/PAH 8100 ☐ 8310 ☐ 8270 ☐	PCB/PEST 8080 ☐ PCB ONLY ☐	TCLP FULL ☐ VOA ☐ SEMI-VOA ☐ PEST ☐ HERB ☐	METALS, TOTAL ☐ METALS, TCLP ☐	LEAD, TOTAL 239.1 ☐ 7421 ☐ LEAD, TCLP ☐	TOX/TOH ☐	REACTIVITY ☐ CORROSIVITY ☐ IGNITABILITY ☐	STATE	OTHER: BTEX/MTBE 8260
Gp-1 - 7.5	10/25/99	0851		X		X			ICE	1	X					X											X
Gp-1 - 11.5		0902								1																	
Gp-1 - 16		0910								1																	
Gp-2 - 8		0922								1																	
Gp-2 - 12		0926								1																	
~~Gp-3 - 8~~ Gp-3-8		0947								1																	
Gp-3-12		0952								1																	
Gp-4-8		1013								1																	
Gp-4-12		1016								1																	
Gp-5-8	10/25/99	1032		X		X			ICE	1	X					X											X

TAT
24 HR. ___* 72 Hr. ___*
48 HR. ___* 96 Hr. ___*
Standard X *Contact US Prior to Sending Sample
Other ___

EXXON UST CONTRACT NO. S02317M01

QA/QC Level
Standard ☒ CLP ☐ Other ☐ ___

SPECIAL DETECTION LIMITS (Specify)
Soil in mg/kg

SPECIAL REPORTING REQUIREMENTS (Specify)
FAX ☐ ☒ FAX C-O-C W/REPORT

REMARKS: 3

LAB USE ONLY Lot # Storage Location
3400 NW.
WORK ORDER #: 99005116 LAB WORK RELEASE #:

CUSTODY RECORD

	Date	Time	
Relinquished By Sampler: Delta	10/27/99	1320	Received By:
Relinquished By:	Date	Time	Received By:
Relinquished By:	Date	Time	Received By Laboratory: Way Bill #: D. Dell Cooler Temp: 10/28 1000

SHIP SAMPLES BACK TO: SPL INCORPORATED, 8880 Interchange Drive, Houston, TX 77054 Ph: (713) 660-0901 Fax: (713) 660-8975 Ph: 1-800-969-6775

EXXON COMPANY, USA.

CHAIN OF CUSTODY RECORD NO. 9910516 Page 2 of 4

Exxon Engineer: Darin Rouse Phone: (925) 246-8768
Consultant Co. Name: Delta Env. Contact: Jim Brownell
Address: 3164 Gold Camp Dr #200 Phone: (916) 638-2765
Rancho Cordova, Ca 95670 Fax: (916) 638-8385

RAS #: 7-3399 Facility/State ID # (TN Only):
AFE # (Terminal Only): Consultant Project #: D074-8360
Location: 2991 Hopyard Road (City): Pleasanton (State): Ca
☒ EE ☐ C & M ☐ SDT
Consultant Work Release #:
Sampled By: J. William Spetla

SAMPLE I.D.	DATE	TIME	COMP.	GRAB	MATRIX H2O	MATRIX SOIL	MATRIX AIR	OTHER	PRESERVATIVE	NO. OF CONTAINERS	CONTAINER SIZE	BTEX 8020 ☐ WITH MTBE ☐ 602 ☐	PURGEABLE HALOCARBON 8010 ☐ 601 ☐	TPHIR 418.1 ☐	O&G IR 413.1 ☐ GRAV. 413.2 ☐	TPH/GC 8015 GRO ☒ 8015 DRO ☐	VOL 8240 ☐ 624 ☐	SEMI-VOL 8270 ☐ 625 ☐	PNA/PAH 8100 ☐ 8310 ☐ 8270 ☐	PCB/PEST 8080 ☐ PCB ONLY ☐	TCLP FULL ☐ VOA ☐ SEMI-VOA ☐ PEST ☐ HERB ☐	METALS, TOTAL ☐ METALS, TCLP ☐	LEAD, TOTAL 239.1 ☐ 7421 ☐ LEAD, TCLP ☐	TOX/TOH ☐	REACTIVITY ☐ CORROSIVITY ☐ IGNITABILITY ☐	OTHER: STATE	OTHER: BTEX/MTBE 8260
Gp-5-12	10/25/99	1036		X		X			ICE	1	802 WM Glass					X										X	
Gp-6-8		1115								1																	
~~Gp-6-12~~ Gp-6-11		1128								1																	
Gp-7-8		1050								1																	
Gp-7-12		1155								1																	
Gp-7-14		1158								1																	
Gp-8-8		1300								1																	
Gp-8-12		1305								1																	
Gp-8-16		1310								1																	
~~Gp-9~~ Gp-6-14	10/25/99	1135		X		X			~~ICE~~	1						X										X	

TAT
24 HR. ___* 72 Hr. ___*
48 HR. ___* 96 Hr. ___*
Standard X *Contact US Prior to Sending Sample
Other ___

EXXON UST CONTRACT NO. S02317M01

QA/QC Level
Standard ☒ CLP ☐ Other ☐ ___

SPECIAL DETECTION LIMITS (Specify)

SPECIAL REPORTING REQUIREMENTS (Specify)

FAX ☐ ☒ FAX C-O-C W/REPORT

REMARKS: Report soil in mg/kg

3

LAB USE ONLY Lot # Storage Location

WORK ORDER #: LAB WORK RELEASE #:

CUSTODY RECORD

	Date	Time	
Relinquished By Sampler: Delta	10/27/99	1320	Received By:
Relinquished By:	Date	Time	Received By:
Relinquished By:	Date	Time	Received By Laboratory: D. Steele
			Way Bill #: Cooler Temp: 10/28 1000

SHIP SAMPLES BACK TO: SPL INCORPORATED 8880 Interchange Drive Houston, TX 77054 Ph: (713) 660-0901 Fax: (713) 660-8975 Ph: 1-800-969-6775

EXXON COMPANY, USA.

CHAIN OF CUSTODY RECORD NO. 99100 S[illegible] Page 3 of 4

Exxon Engineer: Darin Rouse Phone: (925) 246-8768
Consultant Co. Name: Delta Env. Contact: Jim Brownell
Address: 3164 Gold Camp Dr #200 Phone: (916) 638-2765
Rancho Cordova, Ca 95670 Fax: (916) 638-8385

RAS #: 7-3399 Facility/State ID # (TN Only):
AFE # (Terminal Only): Consultant Project #: D099-836
Location: 2991 Hopyard Road (City): Pleasanton (State): Ca
☒ EE ☐ C & M ☐ SDT
Consultant Work Release #:
Sampled By: J. William Speth

SAMPLE I.D.	DATE	TIME	COMP.	GRAB	MATRIX H_2O	MATRIX SOIL	MATRIX AIR	OTHER	PRESERVATIVE	NO. OF CONTAINERS	CONTAINER SIZE 807 WM Glass	BTEX 8020 ☐ WITH MTBE ☐ 602 ☐	PURGEABLE HALOCARBON 8010 ☐ 601 ☐	TPH/IR 418.1 ☐	O&G IR 413.1 ☐ GRAV. 413.2 ☐	TPH/GC 8015 GRO ☒ 8015 DRO ☐	VOL 8240 ☐ 624 ☐	SEMI-VOL 8270 ☐ 625 ☐	PNA/PAH 8100 ☐ 8310 ☐ 8270 ☐	PCB/PEST 8080 ☐ PCB ONLY ☐	TCLP FULL ☐ VOA ☐ SEMI-VOA ☐ PEST ☐ HERB ☐	METALS, TOTAL ☐ METALS, TCLP ☐	LEAD, TOTAL 239.1 ☐ 7421 ☐ LEAD, TCLP ☐	TOX/TOH ☐	REACTIVITY ☐ CORROSIVITY ☐ IGNITABILITY ☐	OTHER: STATE	OTHER: BTEX / MTBE 8260
Gp-9-8	10/25/99	1328		X		X			ICE	1	X					X											X
Gp-9-12		1330								1																	
Gp-9-16		1335								1																	
Gp-10-8		1357								1																	
Gp-10-12		1400								1																	
Gp-10-16		1405								1																	
Gp-11-8		1417								1																	
Gp-11-12		1421								1																	
Gp-12-8		1500								1																	
Gp-12-12	10/25/99	1505		X		X			ICE	1	X					X											X

TAT
24 HR. ___* 72 Hr. ___*
48 HR. ___* 96 Hr. ___*
Standard X *Contact US Prior to Sending Sample
Other ___

EXXON UST CONTRACT NO. S02317M01

QA/QC Level
Standard ☒ CLP ☐ Other ☐ ___

SPECIAL DETECTION LIMITS (Specify)

SPECIAL REPORTING REQUIREMENTS (Specify)

FAX ☐ ☐ FAX C-O-C W/REPORT

REMARKS: Soil results in mg/kg 3

LAB USE ONLY Lot # Storage Location

WORK ORDER #: LAB WORK RELEASE #:

CUSTODY RECORD

	Date	Time	
Relinquished By Sampler: [signature] / Delta	10/27/99	1320	Received By:
Relinquished By:	Date	Time	Received By:
Relinquished By:	Date	Time	Received By Laboratory: Way Bill #: [illegible] 10/28 Cooler Temp: 1000

SHIP SAMPLES BACK TO: SDI, INCORPORATED [illegible] PH: 1-800-969-6775

EXXON COMPANY, USA.

CHAIN OF CUSTODY RECORD NO. 94100514 Page 4 of 4

Exxon Engineer: Darin Rouse Phone: (925) 246-8768
Consultant Co. Name: Delta Env. Contact: Jim Brownell
Address: 3164 Gold Camp Dr. #200 Phone: (916) 638-2765
Rancho Cordova Ca Fax: (916) 638-8385

RAS #: 7-3399 Facility/State ID # (TN Only):
AFE # (Terminal Only): Consultant Project #:
Location: 2991 Hopyard Road (City): Pleasanton (State): Ca
☒ EE ☐ C & M ☐ SDT
Consultant Work Release #:
Sampled By: J. William Speth

SAMPLE I.D.	DATE	TIME	COMP.	GRAB	MATRIX H_2O	MATRIX SOIL	MATRIX AIR	OTHER	PRESERVATIVE	NO. OF CONTAINERS	CONTAINER SIZE	BTEX 8020 ☐ WITH MTBE ☐ 602 ☐	PURGEABLE HALOCARBON 8010 ☐ 601 ☐	TPH/IR 418.1 ☐	O&G IR 413.1 ☐ GRAV. 413.2 ☐	TPH/GC 8015 GRO ☒ 8015 DRO ☐	VOL 8240 ☐ 624 ☐	SEMI-VOL 8270 ☐ 625 ☐	PNA/PAH 8100 ☐ 8310 ☐ 8270 ☐	PCB/PEST 8080 ☐ PCB ONLY ☐	TCLP FULL ☐ VOA ☐ SEMI-VOA ☐ PEST ☐ HERB ☐	METALS, TOTAL ☐ METALS, TCLP ☐	LEAD, TOTAL 239.1 ☐ 7421 ☐ LEAD, TCLP ☐	TOX/TOH ☐	REACTIVITY ☐ CORROSIVITY ☐ IGNITABILITY ☐	OTHER: STATE	OTHER: BTEX / MTBE 8260
GP-13-8	10/25/99	1520		X		X				1	X					X											X
GP-13-12	10/25/99	1525		X		X				1	X					X											X
																X											X

TAT
24 HR. ___* 72 Hr. ___*
48 HR. ___* 96 Hr. ___*
Standard X *Contact US Prior to Sending Sample
Other ___

EXXON UST CONTRACT NO. S02317M01

QA/QC Level
Standard ☒ CLP ☐ Other ☐ ___

SPECIAL DETECTION LIMITS (Specify)

SPECIAL REPORTING REQUIREMENTS (Specify)

FAX ☐ ☒ FAX C-O-C W/REPORT

REMARKS:
Soil Results in mg/kg

3

LAB USE ONLY Lot # Storage Location

WORK ORDER #: LAB WORK RELEASE #:

CUSTODY RECORD

	Date	Time	
Relinquished By Sampler: Delta	10/27/99	1320	Received By:
Relinquished By:	Date	Time	Received By:
Relinquished By:	Date	Time	Received By Laboratory: D Kelly 10/28
			Way Bill #: Cooler Temp: 1000

SHIP SAMPLES BACK TO: SPL INCORPORATED, 8880 Interchange Drive, Houston, TX 77054 Ph: (713) 660-0901 Fax: (713) 660-8075 Ph: 1-800-969-6775

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

Sample Receipt Checklist

Workorder:	99100516	Received by:	Stelly, D'Anna
Date and Time Received:	10/28/99 10:00:00 AM	Carrier name:	FedEx
Temperature:	3		

Shipping container/cooler in good condition?	Yes	☑	No	☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes	☐	No	☐	Not Present ☑
Custody seals intact on sample bottles?	Yes	☐	No	☐	Not Present ☑
Chain of custody present?	Yes	☑	No	☐	
Chain of custody signed when relinquished and received?	Yes	☑	No	☐	
Chain of custody agrees with sample labels?	Yes	☑	No	☐	
Samples in proper container/bottle?	Yes	☑	No	☐	
Sample containers intact?	Yes	☑	No	☐	
Sufficient sample volume for indicated test?	Yes	☑	No	☐	
All samples received within holding time?	Yes	☑	No	☐	
Container/Temp Blank temperature in compliance?	Yes	☑	No	☐	
Water - VOA vials have zero headspace?	Yes	☐	No	☐	Not Present ☑
Water - pH acceptable upon receipt?	Yes	☐	No	☑	

ENCLOSURE E

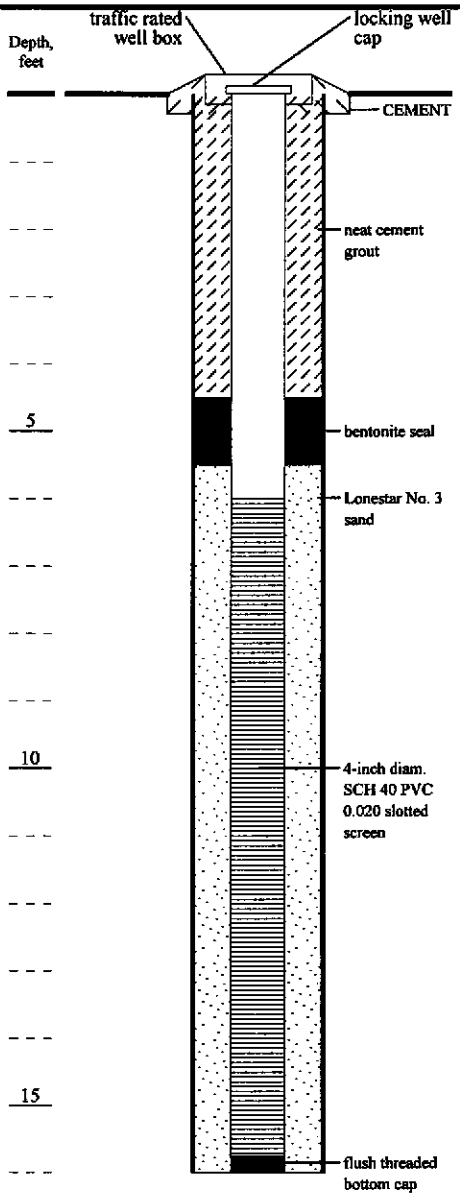
Laboratory Analytical Report for Water Samples

ENCLOSURE F

Proposed Well Construction Diagrams

Delta Environmental Consultants, Inc.	Street Address **2991 Hopyard Road**	Project ID **Exxon Station No. 7-3399**	
	City & State **Pleasanton, California**	Surface Elev.	Well / Boring ID **PMW**
	Delta Project # **D094-836**	Casing Elev.	Total Depth **16'**

PROPOSED WELL CONSTRUCTION



PROPOSED WELL CONSTRUCTION

Dates and Times	Logger **Delta Environmental**	Sampling Method & Diameter **2-inch ID split-spoon**	Permitting Agency **Alameda County Zone 7 Water Agency**
Start	Drilling Company & Driller **Woodward Drilling, Inc.,**	Bore Hole Diameter **10.25-inches**	Permit #
Total Depth	Drillers C-57# **710079**	Diameter, Type & Slot Size of Casing **4-inch, SCH 40 PVC 0.020**	
Completion or backfill	Drilling Equipment and method **Mobile B-61, hollow stem augers**		**Page 1 of 1**

PROPOSED 94-836A.GPJ 12/6/99