ExxonMobil
Refining and Supply Company
Downstream - Safety, Health & Environment
Environmental Remediation

2300 Clayton Road, Suite 1250
P.O. Box 4032
Concord, CA 94524-4032
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darin.l.rouse@exxon.com

Darin L. Rouse
Senior Engineer
Environmental Remediation

ExxonMobil
Refining & Supply

July 19, 2000

Mr. Scott Seery
Alameda County Health Care Services Agency
Environmental Health Services Division
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

RE: Former Exxon RAS #7-3567/3192 Santa Rita Road, Pleasanton, California.

Dear Mr. Seery:

Attached for your review and comment is a letter report entitled ***Quarterly Groundwater Monitoring Report, Second Quarter 2000,*** dated July 6, 2000, for the above referenced site. The report was prepared by Environmental Resolutions, Inc. (ERI) of Novato, California, and presents the results of quarterly groundwater monitoring and sampling activities at the subject site.

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

Sincerely,

Darin L. Rouse
Senior Engineer

Attachment: ERI's Quarterly Groundwater Monitoring Report, Second Quarter 2000, dated July 6, 2000.

cc: w/ attachment
Mr. Eddy So - California Regional Water Quality Control Board-San Francisco Bay Region

w/o attachment
Mr. James F. Chappell - Environmental Resolutions, Inc.

ENVIRONMENTAL RESOLUTIONS, INC.

July 6, 2000
ERI 243113.R06

Mr. Darin L. Rouse
ExxonMobil Refining and Supply
P.O. Box 4032
Concord, California 94524-4032

Subject: Quarterly Groundwater Monitoring Report, Second Quarter 2000, Former Exxon Service Station 7-3567, 3192 Santa Rita Road, Pleasanton, California.

Mr. Rouse:

At the request of ExxonMobil Refining and Supply (formerly known as Exxon Company, U.S.A.) (ExxonMobil), Environmental Resolutions, Inc. (ERI) is reporting the groundwater monitoring and sampling results for the second quarter 2000 event at the subject site. The location of the site is shown on the Site Vicinity Map (Plate 1). The purpose of quarterly monitoring is to evaluate hydrocarbon concentrations in groundwater and groundwater flow direction and gradient. Blaine Tech Services, Inc. (Blaine Tech) performed the site field activities at the request of ExxonMobil.

GROUNDWATER MONITORING AND SAMPLING

On June 6, 2000, Blaine Tech measured depth to water (DTW) and collected groundwater samples from selected monitoring wells for laboratory analysis. Groundwater monitoring and sampling were performed in accordance with Blaine Tech's groundwater sampling protocol (Attachment A).

Historical and recent monitoring data are summarized in Table 1.

Laboratory Analyses And Results

Groundwater samples were submitted to Southern Petroleum Laboratories, Inc. (SPL), a California state-certified laboratory, under Chain of Custody protocol. The samples were analyzed for benzene, toluene, ethylbenzene, and total xylenes (BTEX), methyl tertiary butyl ether (MTBE), total extractable petroleum hydrocarbons as diesel (TEPHd), and total purgeable petroleum hydrocarbons as gasoline (TPPHg) using the methods listed in the notes in Table 1. The laboratory analysis report and Chain of Custody record are attached (Attachment B). Cumulative results of laboratory analyses of groundwater samples are summarized in Table 1. Analytical results of recent groundwater samples are presented on Plate 2.

LIMITATIONS

This report was prepared in accordance with generally accepted standards of environmental practice in California at the time this investigation was performed. This report has been prepared for ExxonMobil, and any reliance on this report by third parties shall be at such party's sole risk.

ERI recommends forwarding signed copies of this report to:

Mr. Scott Seery
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

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

Please call Mr. James F. Chappell (415) 382-4323 with any questions regarding this project.

Sincerely,
Environmental Resolutions, Inc.

James F. Chappell
Senior Staff Scientist

for
Mark S. Dockum
R.G. 4412
C.E.G. 1675

Attachments:
Table 1: Cumulative Groundwater Monitoring and Sampling Data

Plate 1: Site Vicinity Map
Plate 2: Generalized Site Plan

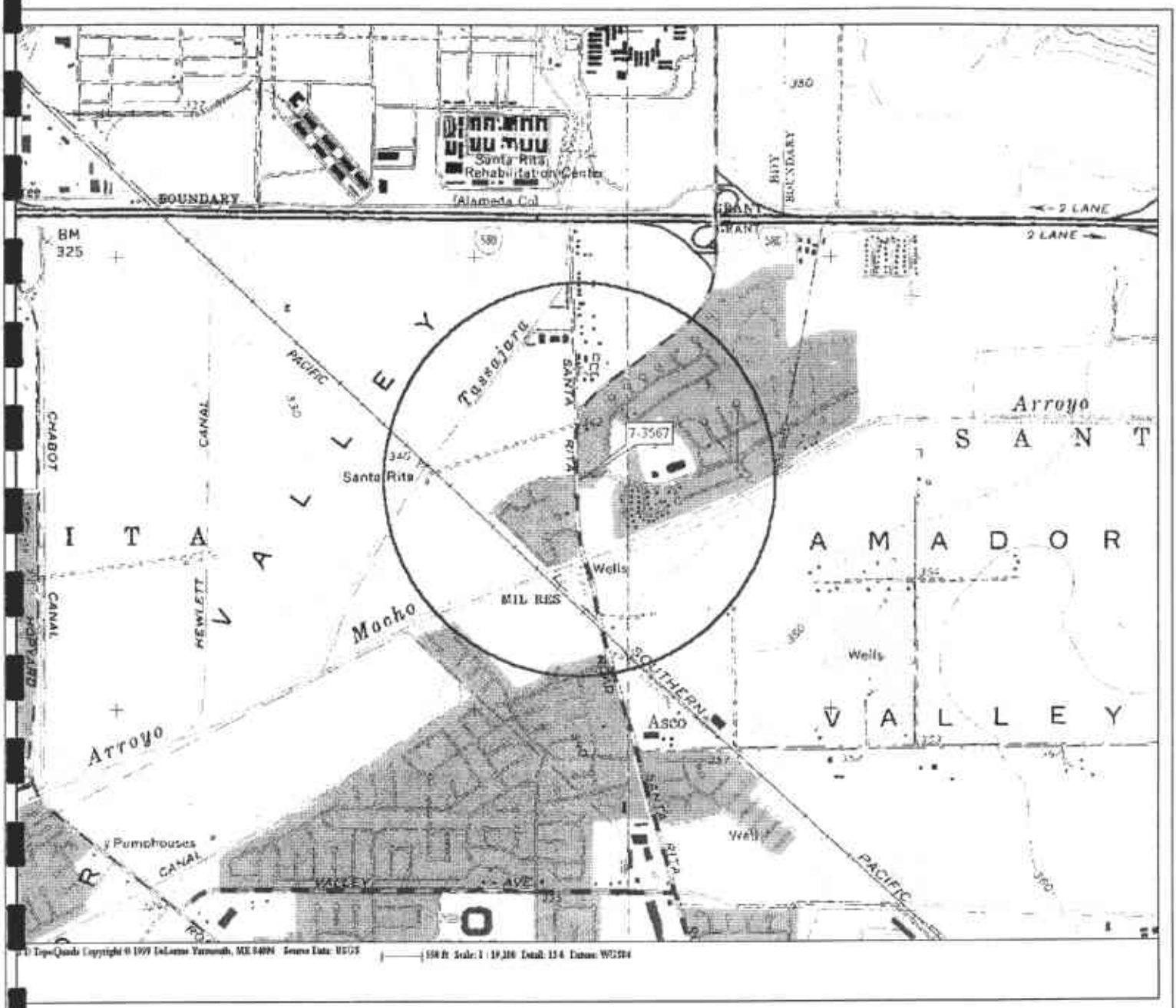
Attachment A: Groundwater Sampling Protocol
Attachment B: Laboratory Analysis Report and Chain of Custody Record

TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3567
3192 Santa Rita Road
Pleasanton, California
(Page 1 of 2)

Well ID# (TOC)	Sampling Date	SUBJ	DTW	Elev.	TEPHd	TPPHg	MTBE	B	T	E	X
		<	feet	>	<			ug/L			>
MW1	11/17/98	NLPH	21.90	318.96	<50	<50	<2.5	<0.5	<0.5	<0.5	<0.5
(340.86)	03/15/99	NLPH	21.15	319.71	<50	<50	<2.5	<0.5	<0.5	<0.5	<0.5
	06/25/99	NLPH	20.34	320.52	a	<50	<2.0	<0.5	<0.5	<0.5	<0.5
	09/24/99	NLPH	20.42	320.44	<50	<50	24.6	<0.5	<0.5	<0.5	<0.5
	12/22/99	NLPH	21.11	319.75	<61	<50	<2	<0.5	<0.5	<0.5	<0.5
	03/07/00	NLPH	14.12	326.74	57	<50	220	<0.5	<0.5	<0.5	<0.5
	06/06/00	**NLPH**	**17.79**	**323.07**	**<50**	**<50**	**5.4**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
MW2	11/17/98	NLPH	20.42	320.19	91	<50	17/23*	1.5	<0.5	0.98	2.6
(340.61)	03/15/99	NLPH	28.35	312.26	90	<50	12/12.5*	0.73	1.1	2.4	2.2
	06/25/99	NLPH	25.20	315.41	a	<50	<2.0	<0.5	<0.5	<0.5	<0.5
	09/24/99	NLPH	23.93	316.68	<50	<50	3.06	<0.5	<0.5	<0.5	<0.5
	12/22/99	NLPH	23.39	317.22	<56	<50	<2	<0.5	<0.5	<0.5	<0.5
	03/07/00	NLPH	17.08	323.53	52	<50	<2	<0.5	0.80	<0.5	<0.5
	06/06/00	**NLPH**	**21.01**	**319.60**	**<50**	**<50**	**<2**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
MW3	11/17/98	NLPH	36.58	306.37	120	<50	180/220*	<0.5	<0.5	<0.5	<0.5
(342.95)	03/15/99	NLPH	40.01	302.94	180	<50	290/314*	<0.5	<0.5	<0.5	<0.5
	06/25/99	NLPH	46.83	296.12	a	<50	107/113*	<0.5	<0.5	<0.5	<0.5
	9/24/99[b]	NLPH	47.71	295.24	---	---	---	---	---	---	---
	12/22/99	NLPH	43.82	299.13	140	<50	65	<0.5	<0.5	<0.5	<0.5
	03/07/00	NLPH	32.75	310.20	<50	<50	82	<0.5	0.88	<0.5	<0.5
	06/06/00	**NLPH**	**36.05**	**306.90**	**<50**	**<50**	**140**	**<0.5**	**<0.5**	**0.82**	**<0.5**
MW4	11/17/98	NLPH	50.20	292.76	72	<50	4.1/3.5*	<0.5	<0.5	<0.5	<0.5
(342.96)	03/15/99	NLPH	47.93	295.03	91	<50	280/260*	<0.5	<0.5	<0.5	<0.5
	6/25/99[b]	NLPH	48.15	294.81	---	---	---	---	---	---	---
	9/24/99[b]	NLPH	49.29	293.67	---	---	---	---	---	---	---
	12/22/99	NLPH	49.33	293.63	b	---	---	---	---	---	---
	03/07/00	NLPH	49.05	293.91	190	<50	710	<0.5	0.84	<0.5	<0.5
	06/06/00	**NLPH**	**49.02**	**293.94**	**110**	**<50**	**460**	**<0.5**	**<0.5**	**<0.5**	**<0.5**

TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3567
3192 Santa Rita Road
Pleasanton, California

Notes:		
TOC	=	Elevation of top of well casing; in feet above mean sea level.
SUBJ	=	Results of subjective evaluation, liquid-phase hydrocarbon thickness (HT) in feet.
DTW	=	Depth to water.
Elev.	=	Elevation of groundwater in feet above mean sea level.
NLPH	=	No liquid-phase hydrocarbons present in well.
TEPHd	=	Total extractable petroleum hydrocarbons as diesel analyzed using modified EPA method 8015.
TPPHg	=	Total purgeable petroleum hydrocarbons as gasoline analyzed using modified EPA method 5030/8015 (modified).
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA method 8021B.
MTBE	=	Methyl tertiary butyl ether analyzed using EPA method 8021B.
*	=	MTBE confirmed using EPA method 8260.
a	=	No result because of sample loss during laboratory fire.
b	=	Well contained an insufficient amount of water to collect a sample.
<	=	Less than the indicated detection limit indicated.



FN 2431Topo

EXPLANATION

1/2-mile radius circle

N

APPROXIMATE SCALE

0 .5 1 mile

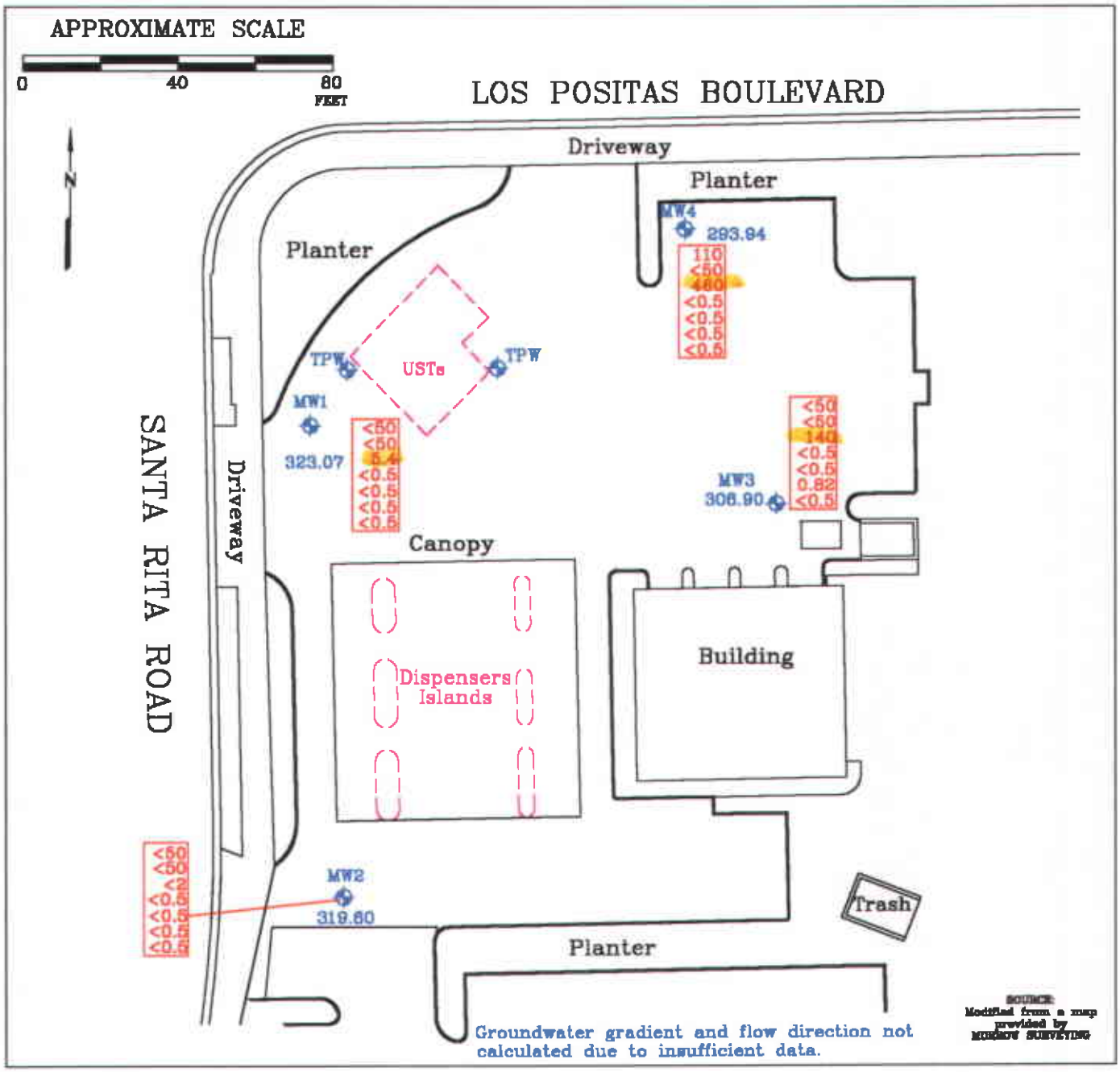
SOURCE:
Modified from a map
provided by
DeLorme 3-D TopoQuads

ERI ENVIRONMENTAL RESOLUTIONS, INC.

SITE VICINITY MAP

Former EXXON SERVICE STATION 7-3567
3192 Santa Rita Road
Pleasanton, California

PROJECT NO.
2431
PLATE
1



FN 24310002

EXPLANATION

MW4 — Groundwater Monitoring Well

293.84 — Groundwater elevation in feet above mean sea level

TPW — Tank Pit Well

Groundwater Concentrations in ug/L
Sampled June 6, 2000

<50	Total Extractable Petroleum Hydrocarbons as Diesel
<50	Total Purgeable Petroleum Hydrocarbons as Gasoline
140	Methyl Tertiary Butyl Ether
<0.5	Benzene
<0.5	Toluene
0.82	Ethylbenzene
<0.5	Total Xylenes
<	Less Than the Stated Laboratory Detection Limit
ug/L	Micrograms per Liter

ENVIRONMENTAL RESOLUTIONS, INC.

GENERALIZED SITE PLAN

FORMER EXXON SERVICE STATION 7-3567
3192 Santa Rita Road
Pleasanton, California

PROJECT NO. 2431

PLATE 2

June 19, 2000

ATTACHMENT A

GROUNDWATER SAMPLING PROTOCOL

BLAINE TECH SERVICES, INC.
METHODS AND PROCEDURES
FOR THE ROUTINE MONITORING OF
GROUNDWATER WELLS AT EXXON STATIONS

Blaine Tech Services, Inc. performs environmental sampling and documentation as an independent third party. We specialize in groundwater monitoring assignments and intentionally limit the scope of our services to those centered on the generation of objective information.

To avoid conflicts of interest, Blaine Tech Services, Inc. personnel do not evaluate or interpret the information we collect. As a state licensed contractor (C-57 well drilling –water – 746684) performing strictly technical services, we do not make any professional recommendations and perform no consulting of any kind.

SAMPLING PROCEDURES OVERVIEW

SAFETY

All groundwater monitoring assignments performed for Exxon comply with Exxon's safety guidelines, 29 CFR 1910.120 and SB-198 Injury and Illness Prevention Program (IIPP). All Field Technicians receive the full 40 hour 29CFR 1910.120 OSHA SARA HAZWOPER course, medical clearance and on-the-job training prior to commencing any work on any Exxon site.

INSPECTION AND GAUGING

Wells are inspected prior to evacuation and sampling. The condition of the wellhead is checked and noted according to a wellhead inspection checklist. Each wellcap is removed prior to gauging to allow the water level to equilibrate for at least 15 minutes.

Standard measurements include the depth to water (DTW) and the total well depth (TD) obtained with industry standard electronic sounders which are graduated in increments of hundredths of a foot.

The water in each well is inspected for the presence of Immiscibles or sheen and when free product is suspected, it is confirmed using an electronic interface probe (e.g. MMC). If sheen or product is found in a well, the Project Coordinator notifies the appropriate party (e.g. Exxon employee or consultant).

No samples are collected from a well containing sheen or product.

EVACUATION

Depth to water measurements are collected by our personnel prior to purging and minimum purge volumes are calculated anew for each well based on the height of the water column and the diameter of the well. Expected purge volumes are never less than three case volumes and are set at no less than four case volumes in some jurisdictions.

Well purging devices are selected on the basis of the well diameter and the total volume to be evacuated. In most cases the well will be purged using an electric submersible pump (i.e. Grundfos) suspended near (but not touching) the bottom of the well. Small volumes of purgewater are often removed by hand bailing with a disposable bailer.

PARAMETER STABILIZATION

Well purging completion standards include minimum purge volumes, but additionally require stabilization of specific groundwater parameters prior to sample collection. Typical groundwater parameters used to measure stability are electrical conductivity, pH, and temperature. Instrument readings are obtained at regular intervals during the evacuation process (no less than once per case volume).

Stabilization standards for routine quarterly monitoring of fuel sites include the following: Temperature is considered to have stabilized when successive readings do not fluctuate more than +/- 1 degree Celsius. Electrical conductivity is considered stable when successive readings are within 10%. pH is considered to be stable when successive readings remain constant or vary no more than 0.2 of a pH unit.

DEWATERED WELLS

Normal evacuation removes no less than three case volumes of water from the well. However, less water may be removed in cases where the well dewaters and does not recharge.

Wells known to dewater are evacuated as early as possible during each site visit in order to allow for the greatest amount of recovering. Any well that does not recharge to 80% of its original volume will be sampled prior to the departure of our personnel from the site in order to eliminate the need of a return visit.

In jurisdictions where a certain percentage of recovery is included in the local completion standard, our personnel follow the regulatory expectation.

PURGEWATER CONTAINMENT

All non-hazardous purgewater evacuated from each groundwater monitoring well is captured and contained in on-board storage tanks on the Sampling Vehicle and/or special water hauling trailers. Effluent from the decontamination of reusable apparatus (sounders, electric pumps and hoses etc.), consisting of groundwater combined with deionized water and non-phosphate soap, is also captured and pumped into effluent tanks.

Non hazardous purgewater is transported under standard Bill of Lading documentation to a

Blaine Tech Services, Inc. facility before being transported to an Exxon approved disposal facility (e.g. Romic Environmental Technologies Corporation in East Palo Alto, California).

SAMPLE COLLECTION DEVICES

All samples are collected using a disposable bailer.

SAMPLE CONTAINERS

Sample material is decanted directly from the sampling bailer into sample containers provided by the laboratory which will analyze the samples. The transfer of sample material from the bailer to the sample container conforms to specifications contained in the USEPA T.E.G.D. The type of sample container, material of construction, method of closure and filling requirements are specific to the intended analysis. Chemicals needed to preserve the sample material are commonly placed inside the sample containers by the laboratory or glassware vendor prior to delivery of the bottle to our personnel. The laboratory sets the number of replicate containers.

TRIP BLANKS

A Trip Blank is carried to each site and is kept inside the cooler for the duration of the sampling event. It is turned over to the laboratory for analysis with the samples from that site.

SAMPLE STORAGE

All sample containers are promptly placed in food grade ice chests for storage in the field and transport (direct or via our facility) to the analytical laboratory that will perform the intended analytical procedures. These ice chests contain quantities of restaurant grade ice as a refrigerant material. The samples are maintained in either an ice chest or a refrigerator until relinquished into the custody of the laboratory or laboratory courier.

DOCUMENTATION CONVENTIONS

Each and every sample container has a label affixed to it. In most cases these labels are generated by our office personnel and are partially preprinted. Labels can also be hand written by our field personnel. The site is identified with the store number and site address, as is the particular groundwater well from which the sample is drawn (e.g. MW-1, MW-2, S-1 etc.). The time at which the sample was collected and the initials of the person collecting the sample are handwritten onto the label.

Chain of Custody records are created using client specific preprinted forms following USEPA specifications.

Bill of Lading records are contemporaneous records created in the field at the site where the non-hazardous purgewater is generated. Field Technicians use preprinted Bill of Lading forms.

DECONTAMINATION

All equipment is brought to the site in clean and serviceable condition and is cleaned after use in each well and before subsequent use in any other well. Equipment is decontaminated before leaving the site.

The primary decontamination device is a commercial steam cleaner. The steam cleaner is de-tuned to function as a hot pressure washer which is then operated with high quality deionized water which is produced at our facility and stored onboard our sampling vehicle. Cleaning is facilitated by the use of proprietary fixtures and devices included in the patented workstation (U.S. Patent 5,535,775) that is incorporated in each sampling vehicle. The steam cleaner is used to decon reels, pumps and bailers.

Any sensitive equipment or parts (i.e. Dissolved Oxygen sensor membrane, sounder etc.) that cannot be washed using the hot high pressure water, will be sprayed with a non-phosphate soap and deionized water solution and rinsed with deionized water.

EXAMPLE: The sounder is cleaned between wells using the non-phosphate soap and deionized water solution followed by deionized water rinses. The sounder is then washed with the steam cleaner between sites or as necessitated by use in a particularly contaminated well.

DISSOLVED OXYGEN READINGS

All Dissolved Oxygen readings are taken using YSI meters (e.g. YSI Model 58 or equivalent YSI meter). These meters are equipped with a YSI stirring device that enables them to collect accurate in-situ readings. The probe/stirring devices are modified to allow downhole measurements to be taken from wells as small as two-inch diameter.

The probe and reel is decontaminated between wells as described above. The meter is calibrated between wells as per the instructions in the operating manual. The probe and stirrer is lowered into the water column allowed to stabilize before use.

OXYIDATON REDUCTION POTENTIAL READINGS

All readings are obtained with either Corning or Myron-L meters (e.g. Corning ORP-65 or a Myron-L Ultrameter GP). The meter is cleaned between wells as described above. The meter is calibrated at the start of each day according to the instruction manual. In use the probe is placed in a cup of freshly obtained monitoring well water and allowed to stabilize.

ATTACHMENT B

LABORATORY ANALYSIS REPORT AND CHAIN OF CUSTODY RECORD

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

Case Narrative for:

EXXON Company U.S.A.

Certificate of Analysis Number:

00060200

Report To:		Project Name:	2431
Environmental Resolution, Inc.		Site:	7-3567,19908560
Jim Chappell		Site Address:	3192 Santa Rita Rd.
73 Digital Drive Suite 100			Pleasanton CA
Novato		PO Number:	
California		State:	California
94949-		State Cert. No.:	
ph: (415) 382-9105	fax: (415) 382-1856	Date Reported:	6/16/00

Upon receipt of your samples it was found that sample ID "TB" was not received. A message was left on June 8, 2000. The laboratory proceeded with the analyses.

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.

Sonia West

West, Sonia
Senior Project Manager

6/19/00
Date

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

EXXON Company U.S.A.

Certificate of Analysis Number:
00060200

Report To:	Environmental Resolution, Inc. Jim Chappell 73 Digital Drive Suite 100 Novato California 94949- ph: (415) 382-9105 fax: (415) 382-1856	Project Name:	2431
		Site:	7-3567,19908560
		Site Address:	3192 Santa Rita Rd. Pleasanton CA
		PO Number:	
		State:	California
		State Cert. No.:	
Fax To:	*Environmental Resolution, Inc.* *Jim Chappell* *fax: (415) 382-1856*	Date Reported:	

Client Sample ID	Lab Sample ID	Matrix	Date Collected	Date Received	COC ID	HOLD
MW-1	00060200-01	Water	6/6/00 3:12:00 PM	6/8/00 10:00:00 AM		☐
MW-2	00060200-02	Water	6/6/00 3:32:00 PM	6/8/00 10:00:00 AM		☐
MW-3	00060200-03	Water	6/6/00 3:50:00 AM	6/8/00 10:00:00 AM		☐
MW-4	00060200-04	Water	6/6/00 4:02:00 PM	6/8/00 10:00:00 AM		☐

Sonia West

6/16/00

West, Sonia
Senior Project Manager

Date

Joel Grice
Laboratory Director

Ted Yen
Quality Assurance Officer

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

Client Sample ID MW-1 **Collected:** 6/6/00 3:12:00 P **SPL Sample ID:** 00060200-01

Site: 7-3567,19908560

Analyses/Method	Result		Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS			**MCL**	**CA_DRO**		**Units: ug/L**		
Diesel Range Organics	ND		50	1		06/12/00 23:13	AM	308750
Surr: n-Pentacosane	61.2	%	20-150	1		06/12/00 23:13	AM	308750

Run ID/Seq #: HP_V_000612B-308750

Prep Method	Prep Date	Prep Initials
SW3510B	06/09/2000 13:18	KL

GASOLINE RANGE ORGANICS			**MCL**	**CA_GRO**		**Units: ug/L**		
Gasoline Range Organics	ND		50	1		06/12/00 16:36	DL	306395
Surr: 1,4-Difluorobenzene	108	%	62-144	1		06/12/00 16:36	DL	306395
Surr: 4-Bromofluorobenzene	92.3	%	44-153	1		06/12/00 16:36	DL	306395
PURGEABLE AROMATICS			**MCL**	**SW8021B**		**Units: ug/L**		
Benzene	ND		0.5	1		06/12/00 16:36	DL	306371
Ethylbenzene	ND		0.5	1		06/12/00 16:36	DL	306371
Methyl tert-butyl ether	5.4		2	1		06/12/00 16:36	DL	306371
Toluene	ND		0.5	1		06/12/00 16:36	DL	306371
m,p-Xylene	ND		0.5	1		06/12/00 16:36	DL	306371
o-Xylene	ND		0.5	1		06/12/00 16:36	DL	306371
Xylenes,Total	ND		0.5	1		06/12/00 16:36	DL	306371
Surr: 1,4-Difluorobenzene	103	%	72-137	1		06/12/00 16:36	DL	306371
Surr: 4-Bromofluorobenzene	101	%	48-156	1		06/12/00 16:36	DL	306371

Sonia West

West, Sonia
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
MI - Matrix Interference

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

Client Sample ID MW-2 **Collected:** 6/6/00 3:32:00 P **SPL Sample ID:** 00060200-02

Site: 7-3567,19908560

Analyses/Method	Result		Rep.Limit		Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS				**MCL**	**CA_DRO**		**Units: ug/L**		
Diesel Range Organics	ND		50		1		06/13/00 1:10	AM	308754
Surr: n-Pentacosane	57.4	%	20-150		1		06/13/00 1:10	AM	308754

Run ID/Seq #: HP_V_000612B-308754

Prep Method	Prep Date	Prep Initials
SW3510B	06/09/2000 13:18	KL

GASOLINE RANGE ORGANICS				**MCL**	**CA_GRO**		**Units: ug/L**		
Gasoline Range Organics	ND		50		1		06/12/00 17:01	DL	306396
Surr: 1,4-Difluorobenzene	107	%	62-144		1		06/12/00 17:01	DL	306396
Surr: 4-Bromofluorobenzene	92.3	%	44-153		1		06/12/00 17:01	DL	306396
PURGEABLE AROMATICS				**MCL**	**SW8021B**		**Units: ug/L**		
Benzene	ND		0.5		1		06/12/00 17:01	DL	306373
Ethylbenzene	ND		0.5		1		06/12/00 17:01	DL	306373
Methyl tert-butyl ether	ND		2		1		06/12/00 17:01	DL	306373
Toluene	ND		0.5		1		06/12/00 17:01	DL	306373
m,p-Xylene	ND		0.5		1		06/12/00 17:01	DL	306373
o-Xylene	ND		0.5		1		06/12/00 17:01	DL	306373
Xylenes,Total	ND		0.5		1		06/12/00 17:01	DL	306373
Surr: 1,4-Difluorobenzene	102	%	72-137		1		06/12/00 17:01	DL	306373
Surr: 4-Bromofluorobenzene	101	%	48-156		1		06/12/00 17:01	DL	306373

Sonia West

West, Sonia
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
MI - Matrix Interference

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

Client Sample ID MW-3 **Collected:** 6/6/00 3:50:00 A **SPL Sample ID:** 00060200-03

Site: 7-3567,19908560

Analyses/Method	Result		Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS			MCL	CA_DRO		Units: ug/L		
Diesel Range Organics	ND		50	1		06/13/00 1:49	AM	308755
Surr: n-Pentacosane	58.6	%	20-150	1		06/13/00 1:49	AM	308755

Run ID/Seq #: HP_V_000612B-308755

Prep Method	Prep Date	Prep Initials
SW3510B	06/09/2000 13:18	KL

GASOLINE RANGE ORGANICS			MCL	CA_GRO	Units: ug/L		
Gasoline Range Organics	ND		50	1	06/12/00 17:27	DL	306397
Surr: 1,4-Difluorobenzene	110	%	62-144	1	06/12/00 17:27	DL	306397
Surr: 4-Bromofluorobenzene	94.7	%	44-153	1	06/12/00 17:27	DL	306397

PURGEABLE AROMATICS			MCL	SW8021B	Units: ug/L		
Benzene	ND		0.5	1	06/12/00 17:27	DL	306374
Ethylbenzene	0.82		0.5	1	06/12/00 17:27	DL	306374
Methyl tert-butyl ether	140		2	1	06/12/00 17:27	DL	306374
Toluene	ND		0.5	1	06/12/00 17:27	DL	306374
m,p-Xylene	ND		0.5	1	06/12/00 17:27	DL	306374
o-Xylene	ND		0.5	1	06/12/00 17:27	DL	306374
Xylenes,Total	ND		0.5	1	06/12/00 17:27	DL	306374
Surr: 1,4-Difluorobenzene	105	%	72-137	1	06/12/00 17:27	DL	306374
Surr: 4-Bromofluorobenzene	102	%	48-156	1	06/12/00 17:27	DL	306374

Sonia West

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

Client Sample ID MW-4 **Collected:** 6/6/00 4:02:00 P **SPL Sample ID:** 00060200-04

Site: 7-3567,19908560

Analyses/Method	Result		Rep.Limit		Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS				**MCL**	**CA_DRO**		**Units: ug/L**		
Diesel Range Organics	110		50		1		06/13/00 2:28	AM	308756
Surr: n-Pentacosane	60.2	%	20-150		1		06/13/00 2:28	AM	308756

Run ID/Seq #: HP_V_000612B-308756

Prep Method	Prep Date	Prep Initials
SW3510B	06/09/2000 13:18	KL

GASOLINE RANGE ORGANICS				**MCL**	**CA_GRO**		**Units: ug/L**		
Gasoline Range Organics	ND		50		1		06/12/00 17:52	DL	306400
Surr: 1,4-Difluorobenzene	108	%	62-144		1		06/12/00 17:52	DL	306400
Surr: 4-Bromofluorobenzene	92.0	%	44-153		1		06/12/00 17:52	DL	306400
PURGEABLE AROMATICS				**MCL**	**SW8021B**		**Units: ug/L**		
Benzene	ND		0.5		1		06/12/00 17:52	DL	306376
Ethylbenzene	ND		0.5		1		06/12/00 17:52	DL	306376
Methyl tert-butyl ether	460		2		1		06/12/00 17:52	DL	306376
Toluene	ND		0.5		1		06/12/00 17:52	DL	306376
m,p-Xylene	ND		0.5		1		06/12/00 17:52	DL	306376
o-Xylene	ND		0.5		1		06/12/00 17:52	DL	306376
Xylenes,Total	ND		0.5		1		06/12/00 17:52	DL	306376
Surr: 1,4-Difluorobenzene	106	%	72-137		1		06/12/00 17:52	DL	306376
Surr: 4-Bromofluorobenzene	100	%	48-156		1		06/12/00 17:52	DL	306376

Sonia West

West, Sonia
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
MI - Matrix Interference

Quality Control Documentation

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

Quality Control Report

EXXON Company U.S.A.

2431

Analysis: Diesel Range Organics
Method: CA_DRO
WorkOrder: 00060200
Lab Batch ID: 5347

Method Blank

RunID: HP_V_000612B-308748 Units: mg/L
Analysis Date: 06/12/2000 21:55 Analyst: AM
Preparation Date: 06/09/2000 13:18 Prep By: KL Method SW3510B

Analyte	Result	Rep Limit
Diesel Range Organics	ND	0.050
Surr: n-Pentacosane	92.4	20-150

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
00060200-01B	MW-1
00060200-02B	MW-2
00060200-03B	MW-3
00060200-04B	MW-4

Laboratory Control Sample (LCS)

RunID: HP_V_000612B-308749 Units: mg/L
Analysis Date: 06/12/2000 22:34 Analyst: AM
Preparation Date: 06/09/2000 13:18 Prep By: KL Method SW3510B

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Diesel Range Organics	2.5	2.2	89	21	175

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

Sample Spiked: 00060200-01
RunID: HP_V_000612B-308752 Units: mg/L
Analysis Date: 06/12/2000 23:52 Analyst: AM
Preparation Date: 06/09/2000 13:18 Prep By: Method

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
esel Range Organics	ND	2.5	1.4	54.1	2.5	1.8	69.2	24.5*	20	21	175

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 - Recovery Unreportable due to Dilution
MI - Matrix Interference

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

Quality Control Report

EXXON Company U.S.A.

2431

Analysis: Purgeable Aromatics
Method: SW8021B

WorkOrder: 00060200
Lab Batch ID: R15553

Method Blank

RunID: HP_W_000612A-306366 Units: ug/L
Analysis Date: 06/12/2000 12:28 Analyst: DL

Analyte	Result	Rep Limit
Benzene	ND	0.50
Ethylbenzene	ND	0.50
Methyl tert-butyl ether	ND	2.0
Toluene	ND	0.50
m,p-Xylene	ND	0.50
o-Xylene	ND	0.50
Xylenes,Total	ND	0.50
Surr: 1,4-Difluorobenzene	103.0	72-137
Surr: 4-Bromofluorobenzene	103.9	48-156

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
00060200-01A	MW-1
00060200-02A	MW-2
00060200-03A	MW-3
00060200-04A	MW-4

Laboratory Control Sample (LCS)

RunID: HP_W_000612A-306364 Units: ug/L
Analysis Date: 06/12/2000 11:37 Analyst: DL

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Benzene	50	54	107	70	130
Ethylbenzene	50	52	105	70	130
Methyl tert-butyl ether	50	53	105	70	130
Toluene	50	53	106	70	130
m,p-Xylene	100	100	103	70	130
o-Xylene	50	52	104	70	130
Xylenes,Total	150	152	101	72	117

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

Sample Spiked: 00060200-01
RunID: HP_W_000612A-306368 Units: ug/L
Analysis Date: 06/12/2000 14:34 Analyst: DL

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Benzene	ND	20	20	98.5	20	21	105	6.71	21	32	164
Ethylbenzene	ND	20	20	102	20	21	103	1.41	19	52	142
Methyl tert-butyl ether	5.4	20	20	73.4	20	22	82.0	11.1	20	39	150

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 - Recovery Unreportable due to Dilution
MI - Matrix Interference

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HOUSTON, TEXAS 77054
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Quality Control Report

EXXON Company U.S.A.

2431

Analysis: Purgeable Aromatics
Method: SW8021B

WorkOrder: 00060200
Lab Batch ID: R15553

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

Sample Spiked: 00060200-01
RunID: HP_W_000612A-306368 Units: ug/L
Analysis Date: 06/12/2000 14:34 Analyst: DL

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Toluene	ND	20	20	102	20	21	104	1.78	20	38	159
m,p-Xylene	ND	40	40	99.4	40	40	101	1.31	17	53	144
o-Xylene	ND	20	20	101	20	20	102	0.780	18	53	143
Xylenes,Total	ND	60	60	100	60	60	100	0	18	53	144

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 - Recovery Unreportable due to Dilution
MI - Matrix Interference

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

Quality Control Report

EXXON Company U.S.A.

2431

Analysis: Gasoline Range Organics
Method: CA_GRO

WorkOrder: 00060200
Lab Batch ID: R15555

Method Blank

RunID: HP_W_000612B-306392 Units: mg/L
Analysis Date: 06/12/2000 12:28 Analyst: DL

Analyte	Result	Rep Limit
Gasoline Range Organics	ND	0.050
Surr: 1,4-Difluorobenzene	106.7	62-144
Surr: 4-Bromofluorobenzene	93.3	44-153

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
00060200-01A	MW-1
00060200-02A	MW-2
00060200-03A	MW-3
00060200-04A	MW-4

Laboratory Control Sample (LCS)

RunID: HP_W_000612B-306391 Units: mg/L
Analysis Date: 06/12/2000 11:11 Analyst: DL

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Gasoline Range Organics	1	0.91	91	75	125

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

Sample Spiked: 00060200-02
RunID: HP_W_000612B-306393 Units: mg/L
Analysis Date: 06/12/2000 15:20 Analyst: DL

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	1	112	0.9	0.98	109	2.85	36	36	160

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 - Recovery Unreportable due to Dilution
MI - Matrix Interference

Chain of Custody

And

Sample Receipt Checklist

EXXON COMPANY USA

000600200

CHAIN OF CUST REC NO Page 1 of 1

Exxon Engineer:	Darin Rouse	Phone:	(925) 246-8768
Consultant Co. Name:	ERI	Contact:	Jim Chappell
Address:	73 Digital Dr, Suite 100	Phone:	(415)382-4323
	Novato, CA 94949	Fax:	(415)382-1856
RAS #:	7-3567	Facility/State ID # (TN Only):	
AFE # (Terminal Only):		Consultant Project #:	2431
Location:	3192 Santa Rita Rd.	(City): Pleasanton	(State): CA

☒ EE ☐ C & M ☐ SDT

Consultant Work Release #: 19908560 BTS# 000606N-4

Sampled By: Blaine Tech Services, Inc./ Print Name:

SAMPLE I.D.	DATE	TIME	COMP.	GRAB	MATRIX: H_2O	MATRIX: SOIL	MATRIX: AIR	MATRIX: OTHER	PRESERVATIVE	NO. OF CONTAINERS	CONTAINER SIZE	BTEX 8020 ☐ 602 ☒ WITH MTBE	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
MW-1	6/6/00	15:12			X				HCl	5	1L amber	X				X										CA
MW-2		15:32			X					5		X				X										
MW-3		15:50			X					5		X				X										
MW-4		16:02			X					4		X				X										
TB					X					2		X				X										

TAT

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

EXXON UST CONTRACT NO. S02317M01

SPECIAL DETECTION LIMITS (Specify)

REMARKS: 4°

SPECIAL REPORTING REQUIREMENTS (Specify)

FAX ☐ ☒ FAX C-O-C W / REPORT

LAB USE ONLY LOT # 790849515691 50 50lbs

WORK ORDER # 000600200 LAB WORK RELEASE #:

QA/QC Level: Standard ☒ CLP ☐ Other ☐

CUSTODY RECORD

	Date	Time	
Relinquished By Sampler:	6/7/00	16:00	Received By:
Relinquished By Sampler:			Received By:
Relinquished By Sampler:			Received By Laboratory:

Way Bill # DCma 8[illegible] Cooler Temp: 6/8/00 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

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

Sample Receipt Checklist

Workorder:	00060200	Received by:	Stelly, D'Anna
Date and Time Received:	6/8/00 10:00:00 AM	Carrier name:	FedEx
Temperature:	4		

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 ☐		