

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

Darin L. Rouse
Senior Engineer
Environmental Remediation

2300 Clayton Road, Suite 1250
P.O. Box 4032
Concord, CA 94524-4032
(925) 246-8768 Telephone
(925) 246-8798 Facsimile
darin.l.rouse@exxon.com

ExxonMobil
Refining & Supply

00 JAN 7 PM 4: 18
ENVIRONMENTAL
PROTECTION

January 9, 2001

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, Fourth Quarter 2000*, dated January 4, 2001, 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, Fourth Quarter 2000, dated January 4, 2001.

cc: w/ attachment
Mr. Eddy So, California Regional Water Quality Control Board-San Francisco Bay Region
Mr. Winson B. Low, Environmental and Safety Affairs Department

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



January 4, 2001
ERI 243113.R07

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

Subject: Quarterly Groundwater Monitoring Report, Fourth 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 fourth 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.

GROUNDWATER MONITORING AND SAMPLING

On October 10, 2000, ERI measured depth to water (DTW) and collected groundwater samples from selected monitoring wells for laboratory analysis. Work was performed in accordance with ERI's groundwater sampling protocol provided in Attachment A. Field data sheets are presented in Attachment B.

Calculated groundwater gradient and flow direction for the lower water-bearing zone are presented on Plate 2. 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 3.

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:

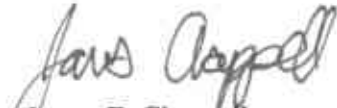
Mr. Scott Seery
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

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

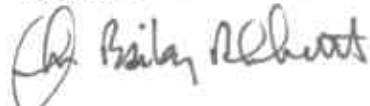
Mr. Winson B. Low
Environmental and Safety Affairs Department
One Valero Place, MS-06E
San Antonio, Texas 78212

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

Sincerely,
Environmental Resolutions, Inc.



James F. Chappell
Assistant Project Manager



John B. Bobbitt
R.G. 4313



Attachments: Table 1: Cumulative Groundwater Monitoring and Sampling Data

Plate 1: Site Vicinity Map

Plate 2: Groundwater Elevation Map

Plate 3: Generalized Site Plan

Attachment A: Groundwater Sampling Protocol

Attachment B: Laboratory Analysis Report and Chain of Custody Record

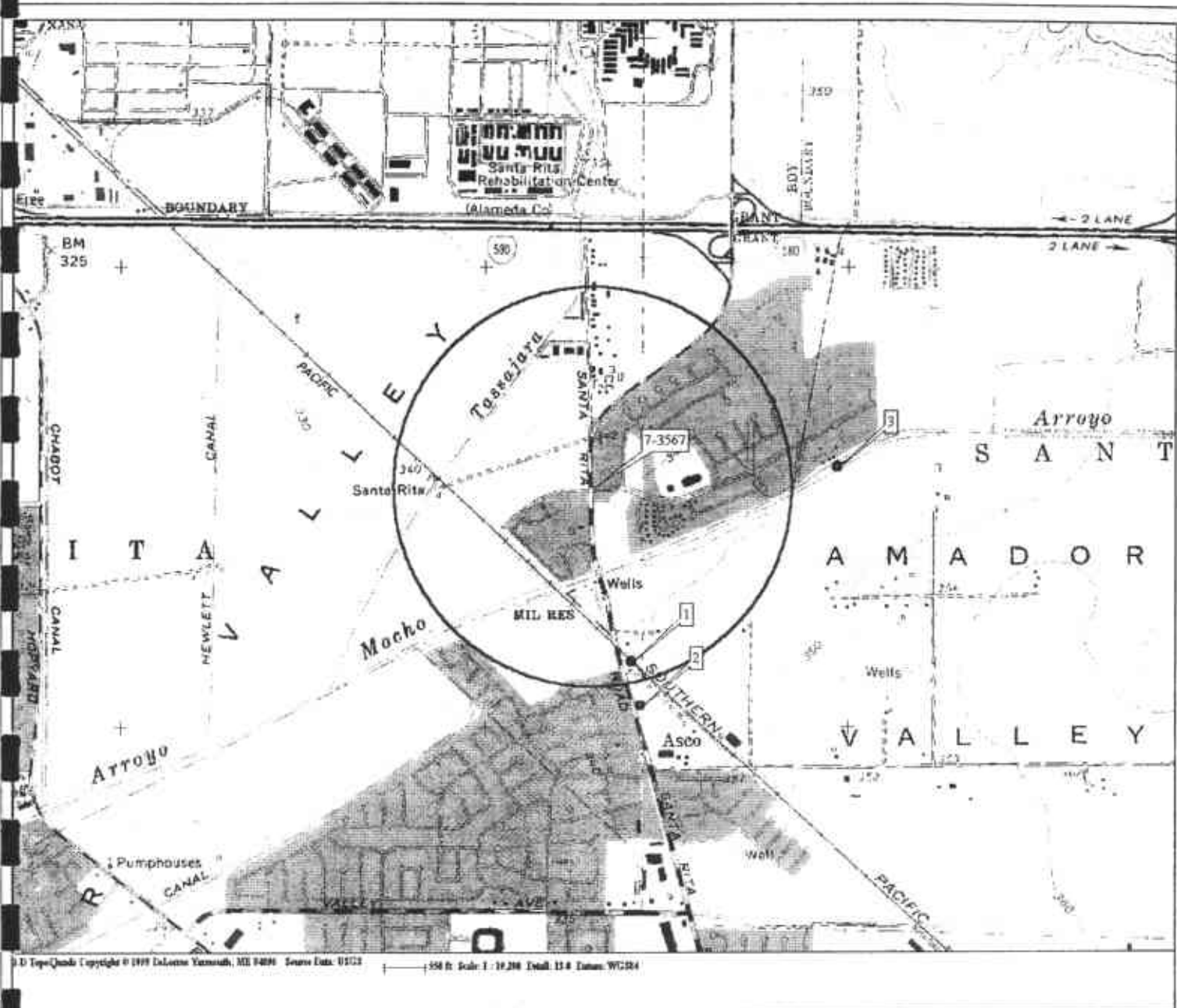
TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

Former Exxon Service Station 7-3567
3192 Sierra Rita Road
Pleasanton, California
(Page 2 of 2)

Well ID# (TOC)	Sampling Date	SUBJ < >	DTW feet.	Elev. >	TEPHd <	TPPHg	MTBE	ug/L					VOCs >
								B	T	E	X		
MW5 (342.87)	07/31/00 10/10/00	--- NLPH	b 29.12	--- 313.75	--- 150	--- < 50	--- 4.2	--- < 0.5	--- < 0.5	--- < 0.5	--- < 0.5	--- ---	
MW6 (341.05)	07/31/00 10/10/00	NLPH NLPH	39.72 40.12	301.33 300.93	< 50 < 50	< 50 c	< 2/ < 5 c	< 0.5 c	< 0.5 c	< 0.5 c	< 0.5 c	ND** c	
MW7 (341.73)	07/31/00 10/10/00	NLPH NLPH	24.22 24.09	317.51 317.64	150 1,500	< 50 c	13/8* c	< 0.5 c	< 0.5 c	< 0.5 c	< 0.5 c	ND** c	

Notes:

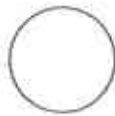
- TOC = Elevation of top of well casing; in feet above mean sea level.
- SUBJ = Results of subjective evaluation, liquid-phase hydrocarbon thickness (HT) in feet.
- DTW = Depth to water.
- Elev. = Elevation of groundwater in feet above mean sea level.
- NLPH = No liquid-phase hydrocarbons present in 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.
- VOC's = Volatile organic compounds analyzed using EPA Method 8260B.
- ug/L = Micrograms per liter.
- * = 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.
- c = Samples were damaged during transportation to laboratory.
- < = Not detected at or above the stated laboratory method detection limit.
- ND** = Not detected at or above the stated laboratory method detection limit for the following constituents: 1,2-Dibromoethane, 1,2-Dichloroethane, 2-Nitropropane, Diisopropyl ether, tertiary butyl alcohol, tertiary amyl methyl ether, tertiary butyl ethyl ether.
- = Not Analyzed/Not Applicable.



3-D TopoQuads Copyright © 1998 DeLorme Yarmouth, ME 04096 Source Data: 01122 550 ft. Scale: 1" = 10,200' Contour: 12.8' Datum: WGS84

FN 2431Topo

EXPLANATION



1/2-mile radius circle

APPROXIMATE SCALE



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

SITE VICINITY MAP

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

PROJECT NO.

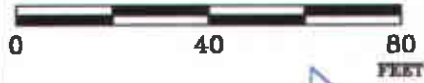
2431

PLATE

1



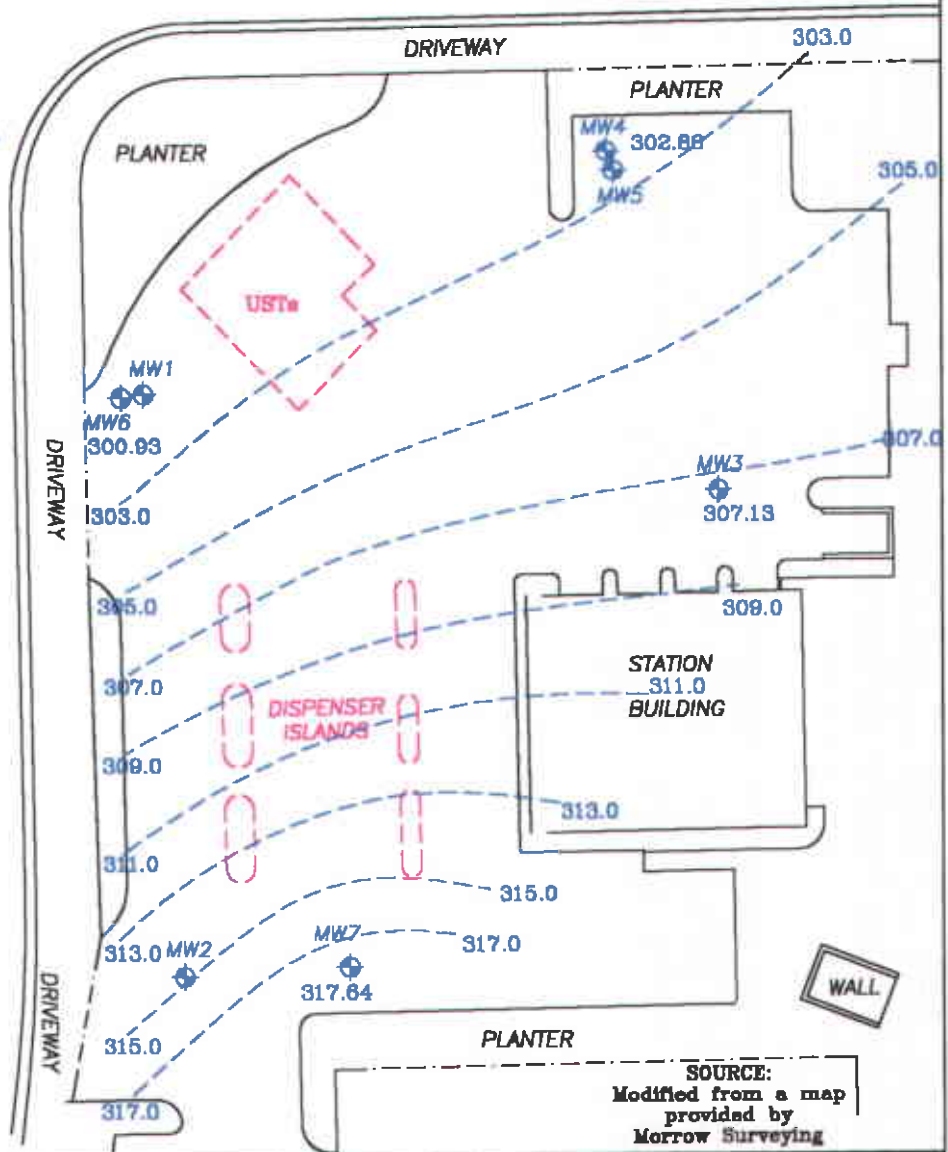
APPROXIMATE SCALE



i = 0.131
October 10, 2000

LAS POSITAS BOULEVARD

SANTA RITA ROAD



SOURCE:
Modified from a map
provided by
Morrow Surveying

FN 24310003

EXPLANATION

- Groundwater Monitoring Well
- i = Interpreted Groundwater Gradient



GROUNDWATER ELEVATION MAP

FORMER EXXON SERVICE STATION 7-3587
3192 Santa Rita Road
Pleasanton, California

PROJECT NO.	2431
PLATE	2

APPROXIMATE SCALE



LAS POSITAS BOULEVARD



i = 0.131
October 10, 2000



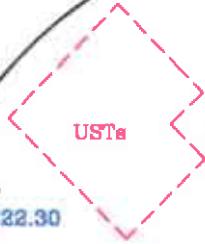
SANTA RITA ROAD

DRIVEWAY

PLANTER

PLANTER

<50
<50
63
<0.5
<0.5
<0.5



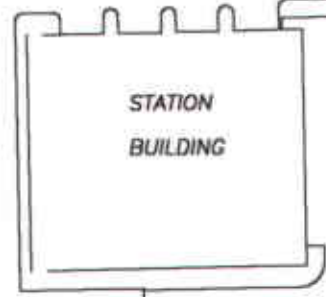
MW4
302.88 NS
MW5
313.75

150
<50
4.2
<0.5
<0.5
<0.5

<50
<50
200
<0.5
<0.5
<0.5

MW1
322.30
MW6
300.93

MW3
307.13



DISPENSER ISLANDS

<50
NA
NA
NA
NA
NA

<50
<50
<50
<50
<50
<50
<50
<50

MW2
318.26

MW7
317.84

1500
NA
NA
NA
NA
NA
NA

PLANTER



SOURCE:
Modified from a map
provided by
Morrow Surveying

FN 24310003

EXPLANATION

MW4
Groundwater Monitoring Well

i = Interpreted Groundwater Gradient

Groundwater Concentrations in ug/L
Sampled July 31, 2000

<50	Total Extractable Petroleum Hydrocarbons as Diesel
<50	Total Purgeable Petroleum Hydrocarbons as Gasoline
200	Methyl Tertiary Butyl Ether
<0.5	Benzene
<0.5	Toluene
<0.5	Ethylbenzene
<0.5	Total Xylenes
<	Less Than the Stated Laboratory Detection Limit
ug/L	Micrograms per Liter
NS	Not Sampled
NA	Not Analyzed



GENERALIZED SITE PLAN

FORMER EXXON SERVICE STATION 7-3587
3192 Santa Rita Road
Pleasanton, California

PROJECT NO.

2431

PLATE

3

ATTACHMENT A
GROUNDWATER SAMPLING PROTOCOL

GROUNDWATER SAMPLING PROTOCOL

The static water level and separate-phase product level, if present, in each well that contained water and/or separate-phase product are measured with a ORS Interface Probe, which is accurate to the nearest 0.01 foot. To calculate groundwater elevations and evaluate groundwater gradient, depth to water (DTW) levels are subtracted from top of casing elevations.

Groundwater samples collected for subjective evaluation are collected by gently lowering approximately half the length of a clean Teflon® or polypropylene bailer past the air-water interface (if possible) and collecting a sample from near the surface of the water in the well. The samples are checked for measurable free-phase hydrocarbons or sheen. If appropriate, free-phase hydrocarbons are removed from the well.

Before water samples are collected from the groundwater monitoring wells, the wells are purged until a minimum of three well casing volumes is purged and stabilization of the temperature, pH, and conductivity is obtained. Water samples from the wells that do not obtain stability of the temperature, pH, and conductivity are considered to be "grab samples". The quantity of water purged from each well is calculated as follows:

1 well casing volume = $\pi r^2 h(7.48)$ where:

r	=	radius of the well casing in feet.
h	=	column of water in the well in feet (depth to bottom - depth to water)
7.48	=	conversion constant from cubic feet to gallons
π	=	ratio of the circumference of a circle to its diameter

Gallons of water purged/gallons in 1 well casing volume = well casing volumes removed.

After purging, each well is allowed to recharge to at least 80% of the initial water level. Water samples from wells that do not recover at least 80% (due to slow recharging of the well) between purging and sampling are considered to be "grab samples". Water samples are collected with a new, disposable Teflon® or polypropylene bailer. The groundwater is carefully poured into selected sample containers (40-milliliter (ml) glass vials, 1,000 ml glass amber bottles, etc.), which are filled so as to produce a positive meniscus.

Depending on the required analysis, each sample container is preserved with hydrochloric acid, nitric acid, etc., or it is preservative free. The type of preservative used for each sample is specified on the chain of custody form.

Each vial and glass amber bottle is sealed with a cap containing a Teflon® septum, and subsequently examined for air bubbles to avoid headspace, which would allow volatilization to occur. The samples are promptly transported in iced storage in a thermally-insulated ice chest, accompanied by a Chain of Custody Record, to a California-certified laboratory.

ATTACHMENT B

**LABORATORY ANALYSIS REPORT
AND CHAIN OF CUSTODY RECORD**



Southern Petroleum Labs

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

Case Narrative for:
EXXON Company U.S.A.

Certificate of Analysis Number:
00100571

RECEIVED
NOV 06 2000
SPL

<p>Report To:</p> <p>Environmental Resolution, Inc. Jim Chappell 73 Digital Drive Suite 100</p> <p>Novato California 94949- ph: (415) 382-9105 fax: (415) 382-1856</p>	<p>Project Name: 243113X</p> <p>Site: 7-3567,19828545</p> <p>Site Address: 3192 Santa Rita Rd. Pleasanton CA</p> <p>PO Number: LWR#20008233</p> <p>State: California</p> <p>State Cert. No.: *1903</p> <p>Date Reported: 10/31/00</p>
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Your sample ID " W-37MW6 " (SPL ID: 00100571-01) was randomly selected for use in SPL's quality control program for the Diesel Range Organics analysis by SW846 Method CA-DRO. The Matrix Spike Duplicate (MSD) recovery was outside of the advisable quality control limits for Diesel Range Organics (Batch ID: 8106) due to matrix interference. A Laboratory Control Sample (LCS) was analyzed as a quality control check for the analytical batch and all recoveries were within acceptable limits.

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.

This report shall not be reproduced except in full, without the written approval of the laboratory. The reported results are only representative of the samples submitted for testing.

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

10/31/00

Date



EXXON Company U.S.A.

Certificate of Analysis Number:
00100571

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: 243113X Site: 7-3567,19828545 Site Address: 3192 Santa Rita Rd. Pleasanton CA PO Number: LWR#20008233 State: California State Cert. No.: Date Reported: 10/31/00
Fax To: Environmental Resolution, Inc. Jim Chappell fax: (415) 382-1856	

Client Sample ID	Lab Sample ID	Matrix	Date Collected	Date Received	COC ID	HOLD
W-37-MW6	00100571-01	Water	10/10/00 5:00:00 PM	10/20/00 10:00:00 AM		<input type="checkbox"/>
28-MW2	00100571-02	Water	10/10/00 6:10:00 PM	10/20/00 10:00:00 AM		<input type="checkbox"/>
W-24-MW7	00100571-03	Water	10/10/00 6:35:00 PM	10/20/00 10:00:00 AM		<input type="checkbox"/>
W-29-MW5	00100571-04	Water	10/10/00 6:47:00 PM	10/20/00 10:00:00 AM		<input type="checkbox"/>
18-MW1	00100571-05	Water	10/10/00 6:55:00 PM	10/20/00 10:00:00 AM		<input type="checkbox"/>
36-MW3	00100571-06	Water	10/10/00 7:00:00 PM	10/20/00 10:00:00 AM		<input type="checkbox"/>

Sonia West

10/31/00

West, Sonia
 Senior Project Manager

Date

Joel Grice
 Laboratory Director
 Ted Yen
 Quality Assurance Officer



Client Sample ID: W-37-MW6

Collected: 10/10/00 5:00:00 SPL Sample ID: 00100571-01

Site: 7-3567,19828545

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		10/26/00 21:48 AM		454417
Surr: n-Pentacosane	89.6 %	20-150	1		10/26/00 21:48 AM		454417

Run ID/Seq #: HP_V_001026A-454417

Prep Method	Prep Date	Prep Initials
SW3510B	10/21/2000 14:29	KL

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



Client Sample ID: W-28-MW2

Collected: 10/10/00 6:10:00 SPL Sample ID: 00100571-02

Site: 7-3567,19828545

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		10/26/00 23:44 AM		454421
Surr: n-Pentacosane	93.4 %	20-150	1		10/26/00 23:44 AM		454421

Run ID/Seq #: HP_V_001026A-454421

Prep Method	Prep Date	Prep Initials
SW3510B	10/21/2000 14:29	KL

Sonia West

West, Sonia
 Project Manager

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



Client Sample ID: W-24-MW7

Collected: 10/10/00 6:35:00 SPL Sample ID: 00100571-03

Site: 7-3567,19828545

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS			MCL	CA_DRO	Units: ug/L		
Diesel Range Organics	1500	50	1		10/27/00 0:23 AM		454422
Surr: n-Pentacosane	93.6	% 20-150	1		10/27/00 0:23 AM		454422

Run ID/Seq #: HP_V_001026A-454422

Prep Method	Prep Date	Prep Initials
SW3510B	10/21/2000 14:29	KL

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
 6880 INTERCHANGE DRIVE
 HOUSTON, TEXAS 77054
 (713) 660-0901

Client Sample ID: W-29-MW5

Collected: 10/10/00 6:47:00 SPL Sample ID: 00100571-04

Site: 7-3567,19828545

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS			MCL	CA_DRO	Units: ug/L		
Diesel Range Organics	150	50	1		10/27/00 1:02 AM		454423
Surr: n-Pentacosane	78.8	% 20-150	1		10/27/00 1:02 AM		454423

Run ID/Seq #: HP_V_001026A-454423

Prep Method	Prep Date	Prep Initials
SW3510B	10/21/2000 14:29	KL

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
 9890 INTERCHANGE DRIVE
 HOUSTON, TEXAS 77054
 (713) 660-0901

Client Sample ID: W-18-MW1 Collected: 10/10/00 6:55:00 SPL Sample ID: 00100571-05

Site: 7-3567,19828545

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		10/27/00 1:40 AM		454424
Surr: n-Pentacosane	89.6 %	20-150	1		10/27/00 1:40 AM		454424

Run ID/Seq #: HP_V_001026A-454424

Prep Method	Prep Date	Prep Initials
SW3510B	10/21/2000 14:29	KL

Sonia West

West, Sonia
 Project Manager

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



Client Sample ID: W-36-MW3 Collected: 10/10/00 7:00:00 SPL Sample ID: 00100571-06

Site: 7-3567,19828545

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		10/27/00 2:19 AM		454425
Surr. n-Pentacosane	65.2 %	20-150	1		10/27/00 2:19 AM		454425

Run ID/Seq #: HP_V_001026A-454425

Prep Method	Prep Date	Prep Initials
SW3510B	10/21/2000 14:29	KL

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



Quality Control Report
EXXON Company U.S.A.
243113X

Analysis: Diesel Range Organics
Method: CA_DRO

WorkOrder: 00100571
Lab Batch ID: 8106

Method Blank

Samples in Analytical Batch:

RunID: HP_V_001026A-454416 Units: mg/L
Analysis Date: 10/26/2000 21:09 Analyst: AM
Preparation Date: 10/21/2000 14:29 Prep By: KL Method: SW3510B

Lab Sample ID	Client Sample ID
00100571-01A	W-37-MW6
00100571-02A	W-28-MW2
00100571-03A	W-24-MW7
00100571-04A	W-29-MW5
00100571-05A	W-18-MW1
00100571-06A	W-36-MW3

Analyte	Result	Rep Limit
Diesel Range Organics	ND	0.050
Sum: n-Pentacosane	114.6	20-150

Laboratory Control Sample (LCS)

RunID: HP_V_001026A-454414 Units: mg/L
Analysis Date: 10/26/2000 20:31 Analyst: AM
Preparation Date: 10/21/2000 14:29 Prep By: KL Method: SW3510B

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Diesel Range Organics	2.5	2.3	90	21	175

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

Sample Spiked: 00100571-01
RunID: HP_V_001026A-454418 Units: mg/L
Analysis Date: 10/26/2000 22:27 Analyst: AM
Preparation Date: 10/21/2000 14:29 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
Diesel Range Organics	ND	1.25	1.4	112	1.25	2.2	178*	45.9*	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

*Chain of Custody
And
Sample Receipt Checklist*

EXXON COMPANY, USA.

(West Coast)

CHAIN OF CUSTODY RECORD NO. _____

Page 41 of 41

Exxon Engineer: Darin Rose Phone: (925) 246-8768
 Consultant Co. Name: EPI Contact: Jim Chappell
 Address: 73 Digital Dr. Suite 101 Fax: (415) 392-1856
Novato CA 94949
 RAS #: 7-3567 Facility/State ID # (TN Only): _____
 AFE # (Terminal Only): _____ Consultant Project #: 243113X
 Location: 392 Santa Rita Rd. (City) Pleasanton (State) CA
 EE C&M SDT
 Consultant Work Release #: 19828545
 Sampled By: Dan Glaze

ANALYSIS REQUEST: (CHECK APPROPRIATE BOX)

OTHER

NO. OF CONTAINERS	CONTAINER SIZE	8015 DRO <input type="checkbox"/>	602 <input type="checkbox"/>	8260 <input type="checkbox"/>	OXYGENATES (7) 8260 <input type="checkbox"/>	O&G IR 413.1 <input type="checkbox"/>	GRAV 413.1 <input type="checkbox"/>	VOL. 8260 <input type="checkbox"/>	824 <input type="checkbox"/>	SEMI-VOL 8270 <input type="checkbox"/>	625 <input type="checkbox"/>	PNA/PAH 8100 <input type="checkbox"/>	8310 <input type="checkbox"/>	8270 <input type="checkbox"/>	PCB/PEST 8081/8082 <input type="checkbox"/>	PCB ONLY <input type="checkbox"/>	TCLP FULL <input type="checkbox"/>	VOC <input type="checkbox"/>	SEMI-VOC <input type="checkbox"/>	PEST <input type="checkbox"/>	HERBIC <input type="checkbox"/>	METALS, TOTAL <input type="checkbox"/>	METALS, TCLP <input type="checkbox"/>	LEAD, TOTAL 289.1 <input type="checkbox"/>	7421 <input type="checkbox"/>	LEAD, TCLP <input type="checkbox"/>	LEAD, DISSOLVED <input type="checkbox"/>	LEAD, TOTAL <input type="checkbox"/>	REACTIVITY <input type="checkbox"/>	CORROSION <input type="checkbox"/>	FLASH POINT <input type="checkbox"/>	PURGEABLE HYDROCARBON 8010 <input type="checkbox"/>	601 <input type="checkbox"/>	TPH/IR 418.1 <input type="checkbox"/>	TOX/TOH <input type="checkbox"/>
		8015 DRO <input checked="" type="checkbox"/>	602 <input checked="" type="checkbox"/>	8260 <input checked="" type="checkbox"/>	OXYGENATES (7) 8260 <input checked="" type="checkbox"/>	O&G IR 413.1 <input checked="" type="checkbox"/>	GRAV 413.1 <input checked="" type="checkbox"/>	VOL. 8260 <input checked="" type="checkbox"/>	824 <input checked="" type="checkbox"/>	SEMI-VOL 8270 <input checked="" type="checkbox"/>	625 <input checked="" type="checkbox"/>	PNA/PAH 8100 <input checked="" type="checkbox"/>	8310 <input checked="" type="checkbox"/>	8270 <input checked="" type="checkbox"/>	PCB/PEST 8081/8082 <input checked="" type="checkbox"/>	PCB ONLY <input checked="" type="checkbox"/>	TCLP FULL <input checked="" type="checkbox"/>	VOC <input checked="" type="checkbox"/>	SEMI-VOC <input checked="" type="checkbox"/>	PEST <input checked="" type="checkbox"/>	HERBIC <input checked="" type="checkbox"/>	METALS, TOTAL <input checked="" type="checkbox"/>	METALS, TCLP <input checked="" type="checkbox"/>	LEAD, TOTAL 289.1 <input checked="" type="checkbox"/>	7421 <input checked="" type="checkbox"/>	LEAD, TCLP <input checked="" type="checkbox"/>	LEAD, DISSOLVED <input checked="" type="checkbox"/>	LEAD, TOTAL <input checked="" type="checkbox"/>	REACTIVITY <input checked="" type="checkbox"/>	CORROSION <input checked="" type="checkbox"/>	FLASH POINT <input checked="" type="checkbox"/>	PURGEABLE HYDROCARBON 8010 <input checked="" type="checkbox"/>	601 <input checked="" type="checkbox"/>	TPH/IR 418.1 <input checked="" type="checkbox"/>	TOX/TOH <input checked="" type="checkbox"/>

SAMPLE I.D.	DATE	TIME	COMP.	GRAB	MATRIX			OTHER	PRESERVATIVE	NO. OF CONTAINERS	CONTAINER SIZE	ANALYSIS REQUEST
					H ₂ O	SOIL	AIR					
W-37-mw6	10/10	1700			X				None	2	1L	X
W-29-mw2		1410										
W-24-mw7		1835										
W-29-mw5		1947										
W-18-mw1		1955										
W-36-mw3		1900										
W-... No Sample												

TAT 24 HR. _____ * 72 HR. _____ * 48 HR. _____ * 96 HR. _____ * <input checked="" type="checkbox"/> Business _____ *Contact US Prior to Sending Sample Other _____	EXXON UST CONTRACT NO. C41483	SPECIAL DETECTION LIMITS (Specify)	REMARKS:
		SPECIAL REPORTING REQUIREMENTS (Specify) PDF <input type="checkbox"/> EDD <input type="checkbox"/> FAX <input type="checkbox"/> FAX C-O-C W/REPORT <input type="checkbox"/>	LAB USE ONLY Lot # <u>50 250</u> Storage Location _____ WORK ORDER # <u>001005271</u> LAB WORK RELEASE # _____

CUSTODY RECORD	Relinquished By Sampler: <u>Dan Glaze</u>	Date: <u>10/10/00</u> Time: <u>1900</u>	Received By:
	Relinquished:	Date: _____ Time: _____	Received By:
	Relinquished:	Date: _____ Time: _____	Received By: _____ Way Bill #: <u>Danna Stelly</u> Cooler Temp: <u>3c</u>



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

Sample Receipt Checklist

Workorder: 00100571
Date and Time Received: 10/20/00 10:00:00 AM
Temperature: 3

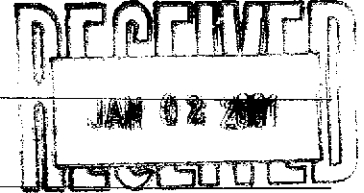
Received by: Stelly, D'Anna
Carrier name: FedEx

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



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

Case Narrative for:
EXXON Company U.S.A.



Certificate of Analysis Number:
00100456

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: 243113X Site: 7-3567,19828545 Site Address: 3192 Santa Rita Rd. Pleasanton CA PO Number: LWR#20008083 State: California State Cert. No.: Date Reported:
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Upon receipt your sample ID's "W-37-MW6" & "W-24-MW7" all 40 ml vials were received broken for BTEX/MTBE and TPH GRO by SW846 methods 8021B and 8015. Also, Upon receipt your sample ID "W-36-MW3" (SPL ID: 00100456-07) two 40ml vials were received broken for BTEX/MTBE and TPH GRO by SW846 methods 8021B and 8015. However, one 40ml vial was received intact for this sample. As per our conversation on October 19, 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.

This report shall not be reproduced except in full, without the written approval of the laboratory. The reported results are only representative of the samples submitted for testing.

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

10/24/00

Date



HOUSTON LABORATORY
 8800 INTERCHANGE DRIVE
 HOUSTON, TEXAS 77054
 (713) 668-0901

EXXON Company U.S.A.

Certificate of Analysis Number:

00100456

Report To: Environmental Resolution, Inc. Jim Chappell 73 Digital Drive Suite 100 Novato California 94949- ph: (415) 382-9105 fax: (415) 382-1856 Fax To: Environmental Resolution, Inc. Jim Chappell fax: (415) 382-1856	Project Name: 243113X Site: 7-3567,19828545 Site Address: 3192 Santa Rita Rd. Pleasanton CA PO Number: LWR#20008083 State: California State Cert. No.: Date Reported:
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Client Sample ID	Lab Sample ID	Matrix	Date Collected	Date Received	COC ID	HOLD
BB-MW6	00100456-01	Water	10/10/00 5:00:00 PM	10/17/00 10:00:00 AM		<input type="checkbox"/>
28-MW2	00100456-03	Water	10/10/00 6:10:00 PM	10/17/00 10:00:00 AM		<input type="checkbox"/>
W-29-MW5	00100456-05	Water	10/10/00 6:47:00 PM	10/17/00 10:00:00 AM		<input type="checkbox"/>
18-MW1	00100456-06	Water	10/10/00 6:55:00 PM	10/17/00 10:00:00 AM		<input type="checkbox"/>
36-MW3	00100456-07	Water	10/10/00 7:01:00 PM	10/17/00 10:00:00 AM		<input type="checkbox"/>

Sonia West

10/24/00

est, 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 W-BB-MW6

Collected: 10/10/00 5:00:00 SPL Sample ID: 00100456-01

Site: 7-3567,19828545

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			MCL	CA_GRO	Units: ug/L		
Gasoline Range Organics	ND	50	1		10/20/00 13:37	DL	441067
Surr: 1,4-Difluorobenzene	96.7 %	62-144	1		10/20/00 13:37	DL	441067
Surr: 4-Bromofluorobenzene	92.0 %	44-153	1		10/20/00 13:37	DL	441067
PURGEABLE AROMATICS			MCL	SW8021B	Units: ug/L		
Benzene	ND	0.5	1		10/20/00 13:37	DL	442654
Ethylbenzene	ND	0.5	1		10/20/00 13:37	DL	442654
Methyl tert-butyl ether	ND	2	1		10/20/00 13:37	DL	442654
Toluene	ND	0.5	1		10/20/00 13:37	DL	442654
m,p-Xylene	ND	0.5	1		10/20/00 13:37	DL	442654
o-Xylene	ND	0.5	1		10/20/00 13:37	DL	442654
Xylenes,Total	ND	0.5	1		10/20/00 13:37	DL	442654
Surr: 1,4-Difluorobenzene	98.9 %	72-137	1		10/20/00 13:37	DL	442654
Surr: 4-Bromofluorobenzene	99.9 %	48-156	1		10/20/00 13:37	DL	442654

Sonia West

West, Sonia
 Project Manager

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



HOUSTON LABORATORY
 8880 INTERCHANGE DRIVE
 HOUSTON, TEXAS 77054
 (713) 660-8901

Client Sample ID W-28-MW2

Collected: 10/10/00 6:10:00 SPL Sample ID: 00100456-03

Site: 7-3567,19828545

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			MCL	CA GRO	Units: ug/L		
Gasoline Range Organics	ND	50	1		10/20/00 14:02	DL	441068
Surr: 1,4-Difluorobenzene	96.7	% 62-144	1		10/20/00 14:02	DL	441068
Surr: 4-Bromofluorobenzene	92.3	% 44-153	1		10/20/00 14:02	DL	441068
PURGEABLE AROMATICS			MCL	SW8021B	Units: ug/L		
Benzene	ND	0.5	1		10/20/00 14:02	DL	442655
Ethylbenzene	ND	0.5	1		10/20/00 14:02	DL	442655
Methyl tert-butyl ether	ND	2	1		10/20/00 14:02	DL	442655
Toluene	ND	0.5	1		10/20/00 14:02	DL	442655
m,p-Xylene	ND	0.5	1		10/20/00 14:02	DL	442655
o-Xylene	ND	0.5	1		10/20/00 14:02	DL	442655
Xylenes, Total	ND	0.5	1		10/20/00 14:02	DL	442655
Surr: 1,4-Difluorobenzene	98.5	% 72-137	1		10/20/00 14:02	DL	442655
Surr: 4-Bromofluorobenzene	100	% 48-156	1		10/20/00 14:02	DL	442655

Sonia West

West, Sonia
 Project Manager

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



HOUSTON LABORATORY
 8888 INTERCHANGE DRIVE
 HOUSTON, TEXAS 77054
 (713) 660-0901

Client Sample ID W-29-MW5

Collected: 10/10/00 6:47:00 SPL Sample ID: 00100456-05

Site: 7-3567,19828545

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			MCL	CA GRO	Units: ug/L		
Gasoline Range Organics	ND	50	1		10/20/00 14:28	DL	441069
Surr: 1,4-Difluorobenzene	96.7	% 62-144	1		10/20/00 14:28	DL	441069
Surr: 4-Bromofluorobenzene	91.7	% 44-153	1		10/20/00 14:28	DL	441069
PURGEABLE AROMATICS			MCL	SW8021B	Units: ug/L		
Benzene	ND	0.5	1		10/20/00 14:28	DL	442658
Ethylbenzene	ND	0.5	1		10/20/00 14:28	DL	442658
Methyl tert-butyl ether	4.2	2	1		10/20/00 14:28	DL	442658
Toluene	ND	0.5	1		10/20/00 14:28	DL	442658
m,p-Xylene	ND	0.5	1		10/20/00 14:28	DL	442658
o-Xylene	ND	0.5	1		10/20/00 14:28	DL	442658
Xylenes, Total	ND	0.5	1		10/20/00 14:28	DL	442658
Surr: 1,4-Difluorobenzene	97.0	% 72-137	1		10/20/00 14:28	DL	442658
Surr: 4-Bromofluorobenzene	102	% 48-156	1		10/20/00 14:28	DL	442658

Sonia West

West, Sonia
 Project Manager

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



Client Sample ID W-18-MW1 Collected: 10/10/00 6:55:00 SPL Sample ID: 00100456-06

Site: 7-3567,19828545

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			MCL	CA_GRO	Units: ug/L		
Gasoline Range Organics	ND	50	1		10/20/00 15:44	DL	441072
Surr: 1,4-Difluorobenzene	96.3	% 62-144	1		10/20/00 15:44	DL	441072
Surr: 4-Bromofluorobenzene	95.3	% 44-153	1		10/20/00 15:44	DL	441072
PURGEABLE AROMATICS			MCL	SW8021B	Units: ug/L		
Benzene	ND	0.5	1		10/21/00 1:51	DL	442681
Ethylbenzene	ND	0.5	1		10/21/00 1:51	DL	442681
Methyl tert-butyl ether	63	2	1		10/21/00 1:51	DL	442681
Toluene	ND	0.5	1		10/21/00 1:51	DL	442681
m,p-Xylene	ND	0.5	1		10/21/00 1:51	DL	442681
o-Xylene	ND	0.5	1		10/21/00 1:51	DL	442681
Xylenes, Total	ND	0.5	1		10/21/00 1:51	DL	442681
Surr: 1,4-Difluorobenzene	97.0	% 72-137	1		10/21/00 1:51	DL	442681
Surr: 4-Bromofluorobenzene	102	% 48-156	1		10/21/00 1:51	DL	442681

Sonia West

West, Sonia
 Project Manager

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



HOUSTON LABORATORY
6880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 668-0901

Client Sample ID W-36-MW3

Collected: 10/10/00 7:01:00 SPL Sample ID: 00100456-07

Site: 7-3567,19828545

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			MCL	CA_GRO	Units: ug/L		
Gasoline Range Organics	ND	50	1		10/20/00 16:09	DL	442623
Surr: 1,4-Difluorobenzene	97.7	% 62-144	1		10/20/00 16:09	DL	442623
Surr: 4-Bromofluorobenzene	94.0	% 44-153	1		10/20/00 16:09	DL	442623
PURGEABLE AROMATICS			MCL	SW8021B	Units: ug/L		
Benzene	ND	0.5	1		10/20/00 16:09	DL	442661
Ethylbenzene	ND	0.5	1		10/20/00 16:09	DL	442661
Methyl tert-butyl ether	200	2	1		10/20/00 16:09	DL	442661
Toluene	ND	0.5	1		10/20/00 16:09	DL	442661
m,p-Xylene	ND	0.5	1		10/20/00 16:09	DL	442661
o-Xylene	ND	0.5	1		10/20/00 16:09	DL	442661
Xylenes, Total	ND	0.5	1		10/20/00 16:09	DL	442661
Surr: 1,4-Difluorobenzene	97.8	% 72-137	1		10/20/00 16:09	DL	442661
Surr: 4-Bromofluorobenzene	102	% 48-156	1		10/20/00 16:09	DL	442661

Sonia West

West, Sonia
Project Manager

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

Quality Control Documentation



Quality Control Report

EXXON Company U.S.A.
 243113X

Analysis: Gasoline Range Organics
 Method: CA_GRO

WorkOrder: 00100456
 Lab Batch ID: R22874

Method Blank

Samples in Analytical Batch:

RunID: HP_U_001020A-441074 Units: mg/L
 Analysis Date: 10/20/2000 11:05 Analyst: DL

Lab Sample ID	Client Sample ID
00100456-01A	W-BB-MW6
00100456-03A	W-28-MW2
00100456-05A	W-29-MW5
00100456-06A	W-18-MW1
00100456-07A	W-36-MW3

Analyte	Result	Rep Limit
Gasoline Range Organics	ND	0.050
Surr: 1,4-Difluorobenzene	96.0	62-144
Surr: 4-Bromofluorobenzene	92.7	44-153

Laboratory Control Sample (LCS)

RunID: HP_U_001020A-441063 Units: mg/L
 Analysis Date: 10/20/2000 10:39 Analyst: DL

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Gasoline Range Organics	1	0.88	88	70	130

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

Sample Spiked: 000100456-0
 RunID: HP_U_001020A-441065 Units: mg/L
 Analysis Date: 10/20/2000 12:21 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	0.9	100	0.9	0.91	101	0.695	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



Quality Control Report
EXXON Company U.S.A.
243113X

Analysis: Purgeable Aromatics
Method: SW8021B

WorkOrder: 00100456
Lab Batch ID: R22945

Method Blank

Samples in Analytical Batch:

RunID: HP_U_001020B-442651 Units: ug/L
Analysis Date: 10/20/2000 11:05 Analyst: DL

Lab Sample ID	Client Sample ID
00100456-01A	W-BB-MW6
00100456-03A	W-28-MW2
00100456-05A	W-29-MW5
00100456-06A	W-18-MW1
00100456-07A	W-36-MW3

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	98.3	72-137
Surr. 4-Bromofluorobenzene	102.8	48-156

Laboratory Control Sample (LCS)

RunID: HP_U_001020B-442642 Units: ug/L
Analysis Date: 10/20/2000 10:14 Analyst: DL

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Benzene	50	55	110	70	130
Ethylbenzene	50	56	112	70	130
Methyl tert-butyl ether	50	48	97	70	130
Toluene	50	55	110	70	130
m,p-Xylene	100	110	113	70	130
o-Xylene	50	55	111	70	130
Xylenes, Total	150	165	110	70	130

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

Sample Spiked: 00100456-03
RunID: HP_U_001020B-442652 Units: ug/L
Analysis Date: 10/20/2000 11:30 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	21	106	20	19	95.4	10.4	21	32	164
Ethylbenzene	ND	20	22	108	20	20	97.6	10.4	19	52	142
Methyl tert-butyl ether	0.60	20	19	89.7	20	18	84.7	5.74	20	39	150

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



Quality Control Report

EXXON Company U.S.A.
 243113X

Analysis: Purgeable Aromatics
 Method: SW8021B

WorkOrder: 00100456
 Lab Batch ID: R22945

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

Sample Spiked: 00100456-03
 RunID: HP_U_001020B-442652 Units: ug/L
 Analysis Date: 10/20/2000 11:30 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	22	108	20	19	96.7	11.2	20	38	159
m,p-Xylene	ND	40	44	109	40	39	97.3	11.2	17	53	144
o-Xylene	ND	20	21	106	20	19	95.8	10.3	18	53	143
Xylenes, Total	ND	60	65	108	60	58	96.7	11.4	18	53	144

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

*Chain of Custody
And
Sample Receipt Checklist*

EXXON COMPANY, USA.

(West Coast)

CHAIN OF CUSTODY RECORD NO. _____

Page 1 of 2

Exxon Engineer: Darin Rouse Phone: (925) 246-8768
 Consultant Co. Name: EPI Contact: Jim Chappell
 Address: 73 Digital Dr. Fax: (415) 382-1856
Suite 100, Novato CA 94949
 RAS #: 7-0000 0200 Facility/State ID # (if N Only): _____
 AFE # (Terminal Only): 3567 Consultant Project #: 243113 X
 Location: 3192 Santa Rita Rd. (City) Pleasanton (State) CA
 EE C&M SDT
 Consultant Work Release #: 19525596 per Jim Chappell
 Sampled By: Dan Glaze 10/10/1982 8545

ANALYSIS REQUEST: (CHECK APPROPRIATE BOX)

OTHER

NO. OF CONTAINERS	CONTAINER SIZE	ANALYSIS REQUEST (CHECK APPROPRIATE BOX)																																					
		TPH/GC 8015 GRO <input checked="" type="checkbox"/>	8015 DRO <input type="checkbox"/>	BTEX 8020 <input checked="" type="checkbox"/>	602 <input type="checkbox"/>	MTBE 8020 <input checked="" type="checkbox"/>	8280 <input type="checkbox"/>	OXYGENATES (7) 8280 <input type="checkbox"/>	O&G <input type="checkbox"/>	IR 413.1 <input type="checkbox"/>	GRAV. 413.2 <input type="checkbox"/>	VOL. 8260 <input type="checkbox"/>	624 <input type="checkbox"/>	SEMI-VOL 8270 <input type="checkbox"/>	625 <input type="checkbox"/>	PNA/PAH 8100 <input type="checkbox"/>	8310 <input type="checkbox"/>	8270 <input type="checkbox"/>	PCB/PEST 8081/8082 <input type="checkbox"/>	PCB ONLY <input type="checkbox"/>	TCLP FULL <input type="checkbox"/>	VOC <input type="checkbox"/>	SEMI-VOC <input type="checkbox"/>	PEST <input type="checkbox"/>	HERB <input type="checkbox"/>	METALS, TOTAL <input type="checkbox"/>	METALS, TCLP <input type="checkbox"/>	LEAD, TOTAL 239.1 <input type="checkbox"/>	7421 <input type="checkbox"/>	LEAD, TCLP <input type="checkbox"/>	LEAD, DISSOLVED <input type="checkbox"/>	LEAD TOTAL <input type="checkbox"/>	REACTIVITY <input type="checkbox"/>	CORROSION <input type="checkbox"/>	RUSH POINT <input type="checkbox"/>	PURGEABLE HYDROCARBON 8010 <input type="checkbox"/>	801 <input type="checkbox"/>	TPH/IR 418.1 <input type="checkbox"/>	TOX/TOH <input type="checkbox"/>
2	150	X																																					
3																																							

SAMPLE I.D.	DATE	TIME	COMP.	GRAB	MATRIX			OTHER	PRESERVATIVE
					H ₂ O	SOIL	AIR		
W-88-mw6	10/10	1700			X			Hcl	
W-37-mw6	10/10	1700							
W-28-mw2	10/10	1910							
W-24-mw7	10/10	1935							
W-29-mw5		1917							
W-18-mw1		1965							
W-36-mw3		1901							
W- -mw4	X	X	X						

TAT
 24 HR. _____ * 72 HR. _____ *
 48 HR. _____ * 96 HR. _____ *
 Business _____ *Contact US Prior to Sending Sample
 Other _____

**EXXON UST
 CONTRACT NO.
 C41483**

SPECIAL DETECTION LIMITS (Specify)
 SPECIAL REPORTING REQUIREMENTS (Specify)
 PDF EDD
 FAX FAX C-O-C W/REPORT

REMARKS:
 LAB USE ONLY Lot # 120 Storage Location _____
 WORK ORDER # 0001004516 LAB WORK RELEASE # _____

CUSTODY RECORD

Relinquished By Sampler: <u>Dan Glaze</u>	Date <u>10/16</u>	Time <u>1400</u>	Received By: <u>Nancy Bonner</u>
Relinquished:	Date	Time	Received By:
Relinquished:	Date	Time	Received By: Way Bill # <u>1017</u> Cooler Temp: <u>1000</u>



HOUSTON LABORATORY
5800 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

Sample Receipt Checklist

Workorder: 00100456
Date and Time Received: 10/17/00 10:00:00 AM
Temperature: 4

Received by: Stelly, D'Anna
Carrier name: FedEx

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