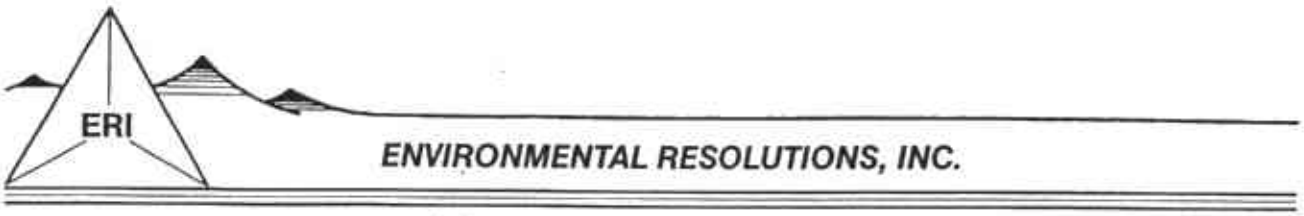


BASELINE ENVIRONMENTAL INVESTIGATION

at

Exxon Station 7-3567
3192 Santa Rita Road
Pleasanton, California

prepared by:

Environmental Resolutions, Inc.
74 Digital Drive, Suite 6
Novato, California
Project No. 243102

for:

Exxon Company, U.S.A.
P.O. Box 4032
Concord, CA 94524-4032

December 26, 1998

ENVIRONMENTAL RESOLUTIONS, INC.

December 26, 1998
243102.R01

Ms. Marla Guensler
Exxon Company, U.S.A.
P.O. Box 4032
Concord, CA 94524-4032

Subject: Report for a Baseline Environmental Investigation at Exxon Station 7-3567, 3192 Santa Rita Road, Pleasanton, California

Ms. Guensler:

At the request of Exxon Company, U.S.A. (Exxon), Environmental Resolutions, Inc. (ERI) conducted a Baseline Environmental Investigation at the site referenced above. This report presents the results of the investigation.

Site Location, Description and Background:

The site is located on the southeastern corner of Santa Rita Road and Las Positas Boulevard as shown on the Site Location Map (Plate 1). Facilities around the site are shown on the Site Vicinity Map (Plate 2). At the time of this investigation, the site contained six dispensers and four underground storage tanks. The locations of pertinent site features are shown on the Generalized Site Plan (Plate 3).

Field Work:

Field work for the current investigation included drilling four borings, installing four wells in those borings, collecting and analyzing soil and groundwater samples for petroleum fuel hydrocarbons, surveying well locations and elevations, and conducting a Sensitive Receptor Survey. Standard field operating procedures are included as Attachment A. Information regarding drilling apparatus, soil types encountered and well construction details are shown on the Logs of Borings (Attachment B). Groundwater was encountered at depths ranging from approximately 25 to 50 feet below grade. Two water bearing zones may be present. Groundwater appears to be under unconfined conditions.

Laboratory Analyses:

Select soil and groundwater samples were submitted to Sequoia Analytical Laboratories (California State Certification No. 1210) for analyses. Soil analytical results are tabulated in Table 1. Groundwater depths, elevations and analytical results are tabulated in Table 2. Laboratory analytical methods are listed at the bottom of the appropriate table. Groundwater analyses, flow direction and gradient are shown on Plate 4. Laboratory reports and Chain-of-Custody Records are included as Attachment C.

74 Digital Drive, Suite 6, Novato, California 94949 415-382-9105 (FAX 415-382-1856)
Lake Forest • Novato • Seattle

Sensitive Receptor Survey:

ERI inspected the area around the site for sensitive receptors such as surface bodies of water, wells, basements, underground parking garages, and utility vaults. Sensitive receptors observed include utility vaults in the sidewalk adjacent to the site. No surface water bodies or water supply wells are within 1,000 feet of the site.

really? There may actually be some that close.

Limitations/Signatures:

The data presented in this report are based on a limited scope of work. The information is based on currently available information and collected in accordance with currently acceptable environmental investigations. Other than this, no warranty is implied or intended.

Environmental Resolutions, Inc.

COPY

Keith A. Romstad
Branch Manager

COPY

Steve M. Zigan
R.G. 4333
H.G. 133

enc.

Table 1:	Soil Sample Analysis Results
Table 2:	Water Sample Analysis Results
Plate 1:	Site Location Map
Plate 2:	Site Vicinity Map
Plate 3:	Generalized Site Plan
Plate 4:	Groundwater Analytical Results
Attachment A:	Standard Field Operating Procedures
Attachment B:	Logs of Borings
Attachment C:	Laboratory Reports and Chain-of-Custody Records

TABLE 1
SOIL SAMPLE ANALYSIS RESULTS
Exxon Service Station 7-3567
3192 Santa Rita Road
Pleasanton, California

Sample #	Depth (ft bgs)	Date	TEPHd	TPPHg	MTBE	B	T	E	X	Total Lead	TRPH	SVOC's	VOC's
			<				ppm					< ppb >	
S-10-B1	10	11/11/98	<1.0	<1.0	<0.025	<0.005	<0.005	<0.005	<0.005	NA	<50	ND	ND
S-15-B1	15	11/11/98	5.3	<1.0	<0.025	<0.005	<0.005	<0.005	<0.005	NA	<50	ND	ND
S-35-B1	35	11/11/98	<1.0	<1.0	<0.025	<0.005	<0.005	<0.005	<0.005	NA	<50	ND	ND
S-15-B2	15	11/11/98	<1.0	<1.0	<0.025	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA
S-35-B2	35	11/11/98	<1.0	<1.0	<0.025	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA
S-15-B3	15	11/12/98	1.3	<1.0	<0.025	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA
S-25-B3	25	11/12/98	19	<1.0	<0.025	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA
S-15-B4	15	11/12/98	<1.0	<1.0	<0.025	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA
S-25-B4	25	11/12/98	<1.0	<1.0	<0.025	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA
Drill Cuttings SP1-1 (1-4)		11/12/98	11	<1.0	<0.025	<0.005	<0.005	<0.005	<0.005	<5	<50	NA	ND

Notes:
1. Depths are in feet below ground surface (ft bgs)
2. Soil results (S) in parts per million (ppm), unless otherwise noted (ppb = parts per billion)

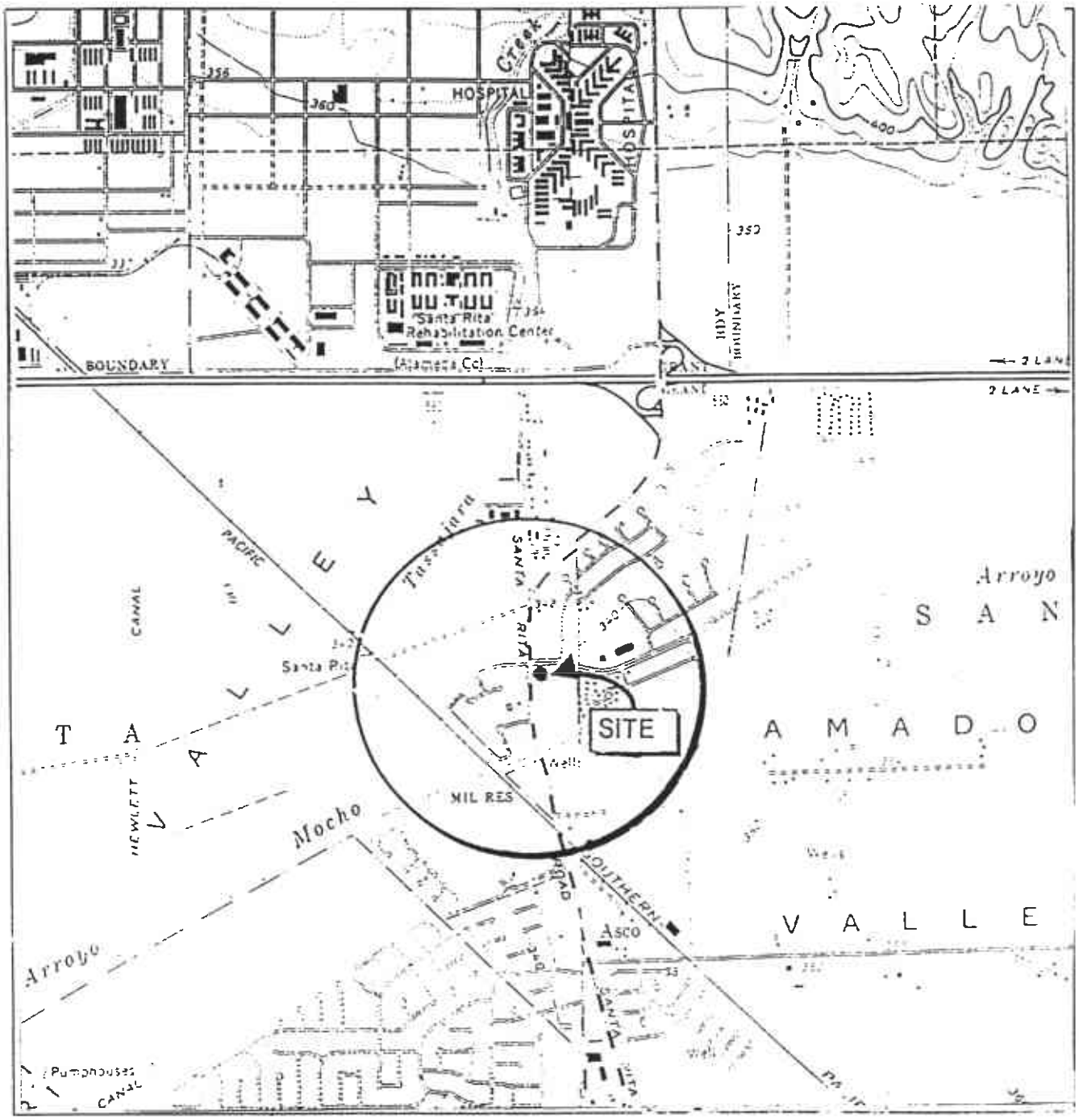
S-15-B1	=	Soil - Sample Depth - Boring Number
TEPHd	=	Total extractable petroleum hydrocarbons as diesel analyzed using modified EPA method 8015.
TPPHg	=	Total purgeable petroleum hydrocarbons as gasoline analyzed using modified EPA method 8015.
MTBE	=	Methyl tertiary butyl ether analyzed using EPA method 8020
BTEX	=	Benzene, Toluene, Ethylbenzene, and total Xylenes analyzed using EPA method 8020.
TRPH	=	Total recoverable petroleum hydrocarbons analyzed using EPA method 5520 E&F.
Total Lead	=	Analyzed using EPA method 6010.
SVOC's	=	Semi-volatile organic compounds analyzed using EPA method 8270.
VOC's	=	Volatile organic compounds analyzed using EPA method 8240
NA	=	Not applicable / not analyzed
<	=	Less than the detection limit indicated
ND	=	Not detected (various detection limits)

TABLE 2
WATER SAMPLE ANALYSIS RESULTS
Exxon Service Station 7-3567
3192 Santa Rita Road
Pleasanton, California

Well ID# (TOC)	Sampling Date	SUBJ	DTW	Elev.	TEPHd	TPPHg	MTBE	B	T	E	X
		<	feet	>	<		ug/L				>
MW1 (340.86)	11/17/98	NLPH	21.90	318.96	<50	<50	<2.5	<0.50	<0.50	<0.50	<0.50
MW2 (340.61)	11/17/98	NLPH	20.42	320.19	91	<50	17/28*	1.5	0.50	0.98	2.6
MW3 (342.95)	11/17/98	NLPH	36.58	306.37	120	<50	180/220*	<0.50	<0.50	<0.50	<0.50
MW4 (342.96)	11/17/98	NLPH	50.20	292.76	72	<50	4.1/3.5*	<0.50	<0.50	<0.50	<0.50

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 /50308020.
MTBE	=	Methyl tertiary butyl ether analyzed using EPA method 5030/8020.
*	=	MTBE confirmed using EPA method 8260.
<	=	Less than the indicated detection limit indicated.



FN 24310001

EXPLANATION

Source: U.S.G.S. 7.5 minute topographic quadrangle map Dublin and Antioch North, California (Photorevised 1980)

N

APPROXIMATE SCALE

0 1/2 1

MILE

ENVIRONMENTAL RESOLUTIONS, INC.

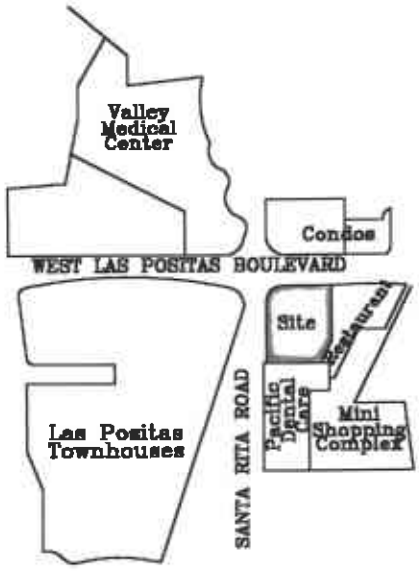
PROJECT ERI 2431

SITE LOCATION MAP

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

PLATE

1



APPROXIMATE SCALE

0 500 1000 FEET

FN 2431002A

EXPLANATION

ENVIRONMENTAL RESOLUTIONS, INC.

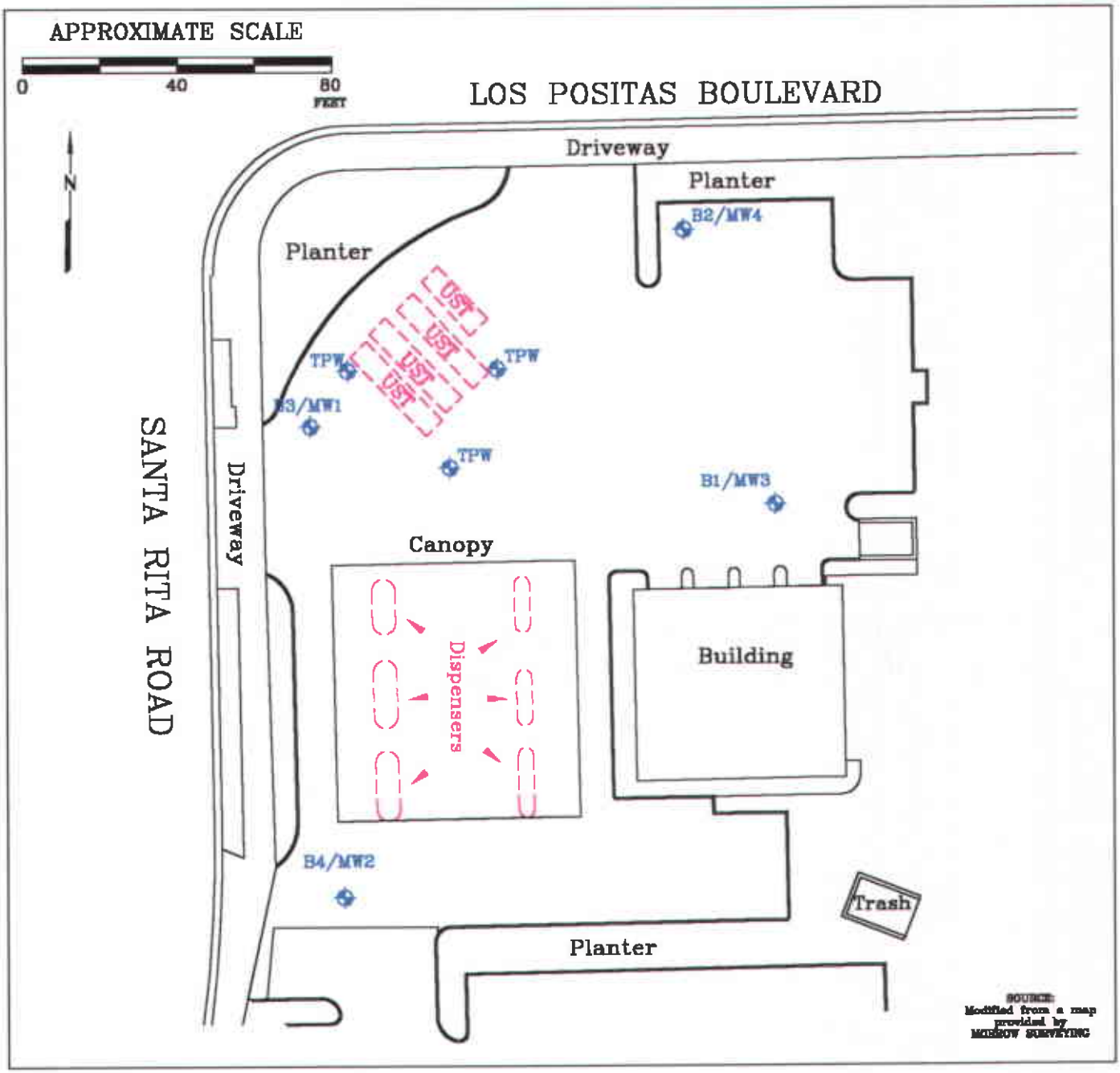
SITE VICINITY MAP

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

PROJECT NO.
2431

PLATE
2

December 18, 1998



FN 24310002

EXPLANATION

MW4 — Groundwater Monitoring Well

TPW — Tank Pit Well

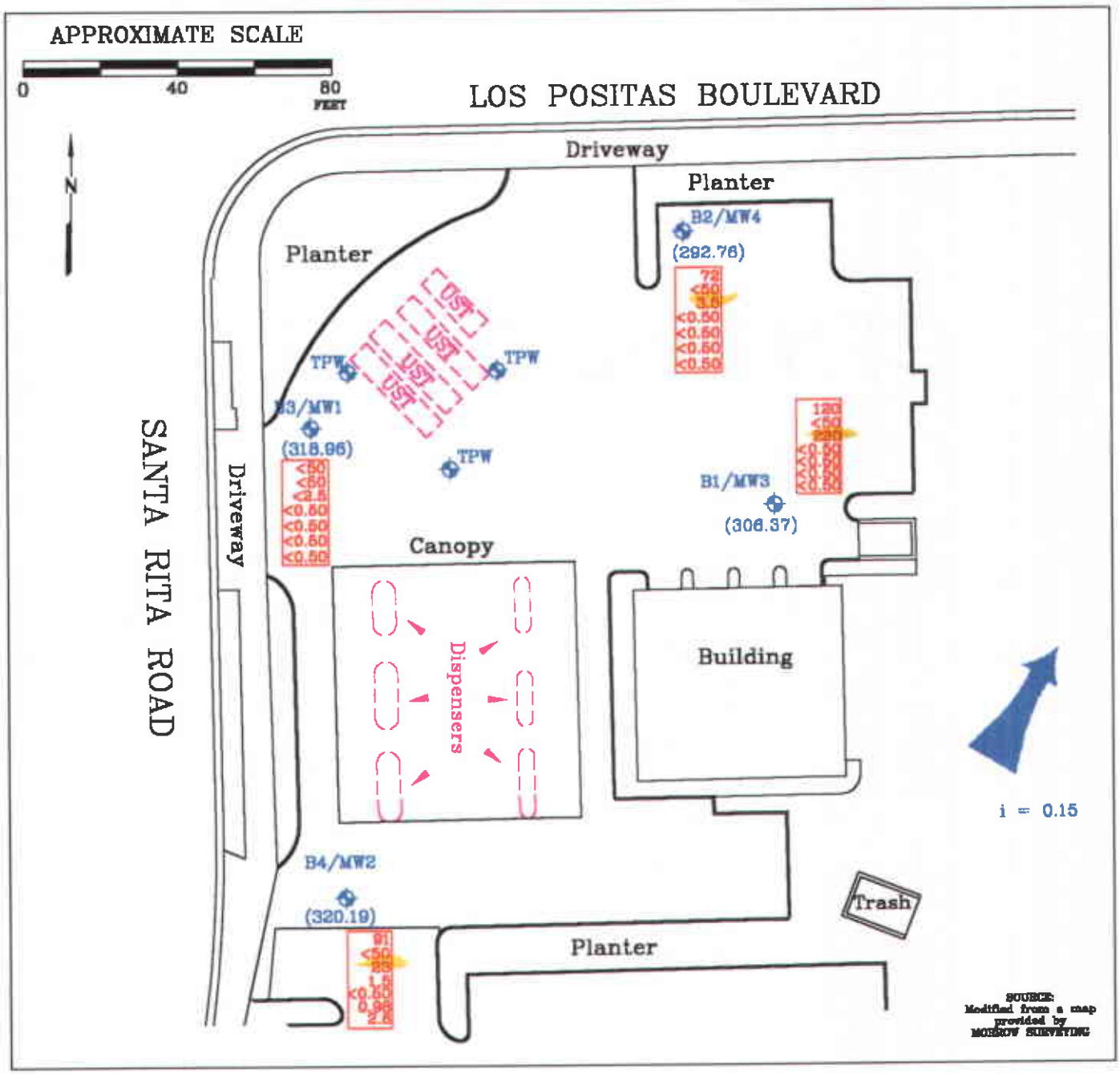
ENVIRONMENTAL RESOLUTIONS, INC.

GENERALIZED SITE PLAN

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

PROJECT NO. 2431

PLATE 3



FN 24310002

EXPLANATION

MW4 — Groundwater Monitoring Well

292.76 — Groundwater Elevation in Feet Above Mean Sea Level

TPW — Tank Pit Well

i = Interpreted Groundwater Gradient

Groundwater Concentrations in ug/L
Sampled November 17, 1998

<50	Total Extractable Petroleum Hydrocarbons as diesel
<50	Total Purgeable Petroleum Hydrocarbons as gasoline
<2.5	Methyl Tertiary Butyl Ether
<0.50	Benzene
<0.50	Toluene
<0.50	Ethylbenzene
<0.50	Xylenes

ug/L — Micrograms per Liter

< — Less Than the Stated Laboratory Detection Limit

ND — Not Detected

ENVIRONMENTAL RESOLUTIONS, INC.

GROUNDWATER ANALYTICAL RESULTS

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

PROJECT NO. 2431

PLATE 4

ATTACHMENT A:

STANDARD FIELD OPERATING PROCEDURES

FIELD PROTOCOL

Site Safety Plan

Field work is performed by ERI personnel in accordance with a site safety plan developed for the site. This plan describes the basic safety requirements for the subsurface investigation and the drilling of soil borings at the work site. The site safety plan is applicable to personnel and subcontractors of ERI. Personnel at the site are informed of the contents of the site safety plan before work begins. A copy of the site safety plan is kept at the work site and is available for reference by appropriate parties during the work. The ERI geologist acts as the Site Safety Officer.

Soil Borings and Sampling

Prior to drilling of borings and construction of wells, ERI acquires the necessary permit from the appropriate agency(ies). ERI also contacts Underground Service Alert (USA) before drilling to help locate public utility lines at the site. ERI hand-probes and hand-augers boring locations to a depth of approximately 4 to 8 feet bgs and a diameter greater than the soil boring diameter before drilling as per Exxon's SOPs to reduce the risk of damaging underground structures.

Soil borings are drilled with a BK-81 (or similar) drill rig equipped with 8-inch diameter, hollow-stem augers. Auger flights and sampling equipment are steam-cleaned before use to minimize the possibility of crosshole contamination. The rinseate is containerized and stored on site. ERI will coordinate with Exxon for appropriate disposal of the rinseate.

Drilling is performed under the observation of a field geologist, and the earth materials in the borings are identified using visual and manual methods, and classified as drilling progresses using the Unified Soil Classification System. Soil borings are drilled to approximately 10 feet below the uppermost zone of saturation or 5 feet into any competent clay layer (aquitard) encountered beneath the water-bearing zone. If an aquitard is encountered, the boring is terminated and backfilled with bentonite to the top of the aquitard before installing a groundwater monitoring well.

During drilling, soil samples are collected at 5-foot intervals, obvious changes in lithology, and just above the groundwater surface. Samples are collected with a California-modified, split-spoon sampler equipped with laboratory-cleaned brass sleeves. Samples are collected by advancing the auger to a point just above the sampling depth and driving the sampler into the soil. The sampler is driven 18 inches with a standard 140-pound hammer repeatedly dropped 30 inches. The number of blows required to drive the sampler each successive 6-inch interval is counted and recorded to give an indication of soil consistency.

Soil samples are monitored with a photoionization detector (PID), which measures hydrocarbon concentrations in the ambient air or headspace above the soil sample. Field instruments such as the PID are useful for indicating relative levels of hydrocarbon vapors, but do not detect concentrations of hydrocarbons with the same precision as laboratory analyses. Soil samples selected for possible chemical analysis are sealed promptly with Teflon® tape, and plastic caps. The samples are labeled and placed in iced storage for transport to the laboratory. Chain of Custody Records are initiated by the geologist in the field, updated throughout handling of the samples, and sent with the samples to the laboratory. Copies of these records are in our report. Cuttings generated during drilling are placed on plastic sheeting and covered and left at the site. ERI coordinates with Exxon for the soil to either be treated on site or removed to an appropriate disposal facility.

Monitoring Well Construction

Monitoring wells are constructed in borings using thread-jointed, 2-inch inner diameter, Schedule 40 polyvinyl chloride (PVC) casing. No chemical cements, glues, or solvents are used in well construction. The screened portion of each well consists of factory-perforated casing with 0.020-inch wide slots. If unconfined aquifer conditions exist, the well screen is installed from the total depth of each well to approximately 10 feet above the uppermost water-bearing unit. If confined conditions exist, the uppermost water-bearing unit is screened exclusively. Unperforated casing is installed from the top of each screen to the ground surface. The annular space in the well is packed with number 3 sand to approximately 1 to 2 feet above the slotted interval. A bentonite plug is added above the sand pack to prevent cement from entering the well pack. The remaining annulus is backfilled to grade with a slurry of portland cement.

The monitoring wells are protected with a traffic-rated, cast-aluminum utility box equipped with a PVC skirt. The box has a watertight seal to protect against surface-water infiltration and must be opened with a special wrench. The design of this box discourages vandalism and reduces the possibility of accidental disturbance of the well.

Well Development and Sampling

ERI collects a water sample subjective analysis before development of the monitoring wells. This sample is collected from near the water surface in the well with a Teflon bailer cleaned with a laboratory-grade detergent and deionized water. The wells are developed with a surge block and pump. Well development continues until the discharge water is clear of silt and sand. Typical development activities includes a minimum of 50 surge strokes along the screened interval then 15 minutes of pumping. This process is repeated until the water is clear of silt and sand. Clay-size sediments derived from the screened portion of the formation cannot be eliminated by well development. After the well has been allowed to stabilize, the well is checked for floating product using an interface probe. The thickness of any product detected in the well is recorded. If floating product is encountered in the well, the well is not purged, and the water is not sampled for chemical analysis. Product is bailed from the well and stored in appropriately labeled drums on site. ERI apprises Exxon of appropriate disposal options for product bailed from the well.

If no floating product is detected after development, the well is purged of stagnant water and a sample is collected for laboratory analysis. The well is purged of approximately 3 to 5 well volumes of water with a submersible pump, or until pH, conductivity, and temperature of the purged water have stabilized. Water purged from the wells is stored in labeled, 55-gallon, steel drums approved for this use by the Department of Transportation until suitable disposal options can be selected based on laboratory analysis. ERI coordinates with Exxon for disposal of the purged water.

The wells are allowed to recover to at least 80 percent of static conditions, and a sample of the formation water is collected with a Teflon bailer cleaned with a laboratory-grade detergent and deionized water. The water is transferred slowly from the bailer to laboratory-cleaned, 1-liter amber bottles and 40-milliliter glass vials for analyses by the laboratory. The glass vials contain hydrochloric acid as a preservative. Our geologist checks to see if headspace is present. If headspace is present, we collect more samples until none is present. Chain of Custody Records are initiated in the field by the geologist, updated throughout handling of the samples, and sent along with the samples to the laboratory. Copies of Chain of Custody Records are included in our report.

Gradient Evaluation

ERI evaluates the direction of flow and gradient at the site. The elevation of the top of each well casing is measured relative to mean sea level by a licensed land surveyor. Water-depth measurements are made from the top of the casing in the well to the nearest 0.01 foot with an electronic water-level indicator. The well is vented to atmosphere for a minimum of 0.5 to 1 hour before obtaining depth-to-water measurements. Venting is conducted to allow the groundwater to equilibrate with barometric pressure. These data are combined to evaluate the relative elevation of the groundwater surface in each well and the slope of the groundwater surface across the site.

Quality Assurance/Quality Control

The sampling and analysis procedures employed by ERI for groundwater monitoring and sampling follow regulatory guidance documents for quality assurance/quality control (QA/QC). Quality control is maintained by site-specific field protocols and quality control checks performed by the laboratory. Laboratory and field handling of samples may be monitored by including QC samples for analysis. QC samples may include any combination of the following. The number and types of QC samples are selected and analyzed on a project-specific basis.

Trip Blanks - Trip blanks are sent to the project site, and travel with samples collected from the project site to the laboratory. They are not opened, and are returned from the project site with the samples for analysis.

Field Blank - Prepared in the field using organic-free water. Field blanks accompany samples collected at the project site to the laboratory and are analyzed periodically for specific chemical compounds present at the project site where they were prepared.

Duplicates - Duplicate samples are collected from a selected well and project site. They are analyzed at two different laboratories, or at the same laboratory under different labels.

Equipment Blank - Periodic QC samples are collected from field equipment rinsate to verify adequate cleaning procedures.

ATTACHMENT B:

LOGS OF BORINGS

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.: 2431 Boring: B1/MW3 Plate: 1 OF 2
Site: Exxon Station 7-3567 Date: 11/11/98
Drill Contractor: Woodward
Sample Method: Split Spoon Geologist: STEVE M. ZIGAN
Drill Rig: B-57 Bore Hole Diameter: 8" Signature: Steve M. Zigan
Location: North of eastern half of station building Registration: R.G. 4333
Logged by: Dave Arndal

DEPTH (ft)	BLOW COUNTS	PID/OVM (ppm)	USCS	GEOLOGIC DESCRIPTION
				6" concrete
			CL	Clay with some silt, dark olive-brown, slightly damp, low plasticity
5	34	0		
10	15	0		olive-gray, high plasticity
15	31	0		very dark grayish brown, medium plasticity
20	28	0		slightly mottled, very dark grayish-brown and light gray, low plasticity
25	29	0		trace small organics (roots)
30	51	0		no organics
35	36	0		olive-brown, caliche nodules up to 1/4", trace organics
40				

(Continued downward on next page.)

WELL DESIGN

Casing Diameter: 2", Slot Size: 0.020", Sand Size: #3, Grout: Portland Type I/II

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.: 2431 Boring: B1/MW3 Plate: 2 OF 2
Site: Exxon Station 7-3567 Date: 11/11/98
Drill Contractor: Woodward
Sample Method: Split Spoon Geologist: STEVE M. ZIGAN
Drill Rig: B-57 Bore Hole Diameter: 8" Signature:
Location: North of eastern half of station building Registration: R.G. 4333
Logged by: Dave Arndal

DEPTH (ft)	BLOW COUNTS	PID/OVM (ppm)	SAMPLE	COLUMN	USCS	GEOLOGIC DESCRIPTION (Continued downward from previous page.)	WELL DESIGN
40		0			CL	Clay with some silt, olive-brown, caliche nodules up to 1/4", trace organics	
					SC	Clayey sand, fine-grained, dark yellowish-brown, wet	
45	76	0					
					GP	Sandy gravel, gravel up to 3/4", fine-grained sand, dark yellowish-brown, wet	
50	76/8"						
						Total Depth = 51 1/2 feet	
						Groundwater encountered at 41 1/2 feet	
55							
60							
65							
70							
75							
80							

Casing Diameter: 2" , Slot Size: 0.020" , Sand Size: #3 , Grout: Portand Type I/II

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.: 2431 Boring: B2/MW4 Plate: 1 OF 2
Site: Exxon Station 7-3567 Date: 11/11/98
Drill Contractor: Woodward
Sample Method: Split Spoon Geologist: STEVE M. ZIGAN
Drill Rig: B-57 Bore Hole Diameter: 8" Signature: Steve M. Zigan
Location: Central northern property line Registration: R.G. 4332
Logged by: Jen Schulte

DEPTH (ft)	BLOW COUNTS	PID/OVM (ppm)	USCS	GEOLOGIC DESCRIPTION
				6" concrete
			CL	Clay with some silt, very dark gray, damp, medium plasticity
5	23	0		
			SC	Clayey sand, dark gray, damp, low plasticity
10	14	0		
15	8	0	CL	Clay with some silt, dark gray, moist, medium plasticity
20	24	0		caliche nodules, trace organics/woody fiber
25	16	0		gray with mottled oxidation
			SC	Clayey sand, gray, damp, low plasticity
			CL	Clay with trace silt, very dark gray, moist, medium plasticity
30	31	0		
35	25	0		dark grayish-brown, trace organics and mottled oxidation
				light olive-brown, caliche areas
40	42			(Continued downward on next page.)

WELL DESIGN

Casing Diameter: 2", Slot Size: 0.020", Sand Size: #3, Grout: Portland Type I/II

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.: 2431 Boring: B2/MW4 Plate: 2 OF 2
Site: Exxon Station 7-3567 Date: 11/11/98
Drill Contractor: Woodward
Sample Method: Split Spoon Geologist: STEVE M. ZIGAN
Drill Rig: B-57 Bore Hole Diameter: 8" Signature: Steve M. Zigan
Location: Central northern property line Registration: R.G. 4333
Logged by: Jen Schulte

DEPTH (ft)	BLOW COUNTS	PID/OVM (ppm)	SAMPLE	COLUMN	USCS	GEOLOGIC DESCRIPTION (Continued downward from previous page.)	WELL DESIGN
40	42	0			CL	Clay with trace silt, light olive-brown, moist, medium plasticity	
					SC	Clayey sand, fine-grained, light olive-brown, moist	
45	28	0				with grayish-brown areas	
					SW	Gravelly sand, gravel up to 1", fine-grained, light olive-brown, wet	
50	74/10"	▼ 0				Total Depth = 51 1/2 feet Groundwater encountered at 50 feet	
55							
60							
65							
70							
75							
80							

Casing Diameter: 2", Slot Size: 0.020", Sand Pack: #3, Grout: Portland Type I/II

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.: 2431 Boring: B3/MW1 Plate: APPENDIX

Site: Exxon Station 7-3567 Date: 11/12/98

Drill Contractor: Woodward

Sample Method: Split Spoon Geologist: STEVE M. ZIGAN

Drill Rig: B-57 Bore Hole Diameter: 8" Signature: Steve M. Zigan

Location: Western corner of underground tank field Registration: R.G. 4333

Logged by: Dave Arndal

DEPTH (ft)	BLOW COUNTS	PID/OVM (ppm)	SAMPLE	COLUMN	USCS	GEOLOGIC DESCRIPTION	WELL DESIGN
						6" concrete	
					CL	Clay with some silt, black, slightly damp, medium plasticity	
5							
10	17	0					
15	22	0				trace of organic material	
20	27	0					
25	29	▼ 0				trace fine gravel, grayish-brown, wet, poor plasticity	
						damp, medium plasticity, no gravel	
30	22	0				trace fine gravel, dark gray, poor plasticity	
35	44	0					
						Total Depth = 36 1/2 feet Groundwater encountered at 25 feet	
40							

Casing Diameter: 2", Slot Size: 0.020", Sand Size: #3, Grout: Portand Type I/II

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.: 2431 Boring: B4/[redacted] Plate: APPENDIX
Site: Exxon Station 7-3567 Date: 11/12/98
Drill Contractor: Woodward
Sample Method: Split Spoon Geologist: STEVE M. ZIGAN
Drill Rig: B-57 Bore Hole Diameter: 8" Signature: Steve M. Zigan
Location: Southwestern corner of dispenser island canopy Registration: R.G. 4333
Logged by: Dave Arndal

DEPTH (ft)	BLOW COUNTS	PID/OVM (ppm)	SAMPLE	COLUMN	USCS	GEOLOGIC DESCRIPTION	WELL DESIGN
						FILL	
5	7	0					
					CL	Clay with trace silt, very dark gray, moist, medium plasticity, areas of mottled oxidation with organics, poor plasticity	
10	16	0					
15	23	0					
20	23	0				caliche nodules	
25		0				damp, medium plasticity	
30		0					
35	46	0				grayish-brown	
40						light olive-brown	

Total Depth = 41 1/2 feet
Groundwater encountered at 26 1/2 feet

Casing Diameter: 2", Slot Size: 0.020", Sand Size: #3, Grout: Portand Type I/II

ATTACHMENT C:

LABORATORY REPORTS AND CHAIN-OF-CUSTODY REPORTS

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (925) 988-9600, FAX (925) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100
1455 McDowell Blvd. North, Ste. D, Petaluma, CA 94954, (707) 792-1865, FAX (707) 792-0342

Environmental Resolutions
74 Digital Drive , Suite 6
Novato, CA 94949

Attention: Michael Laskowski

Client Proj. ID: Exxon 7-3567, 243102

Lab Proj. ID: 9811808

Sampled: 11/11/98
Received: 11/12/98
Analyzed: see below

Reported: 11/18/98

LABORATORY ANALYSIS

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Lab No: 9811808-01 Sample Desc : SOLID,S-10-B1				
TRPH (SM 5520 E&F)	mg/Kg	11/17/98	50	N.D.
Lab No: 9811808-02 Sample Desc : SOLID,S-15-B1				
TRPH (SM 5520 E&F)	mg/Kg	11/17/98	50	N.D.
Lab No: 9811808-03 Sample Desc : SOLID,S-35-B1				
TRPH (SM 5520 E&F)	mg/Kg	11/17/98	50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

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Rebecca J. Strait for
Mei Mei Shin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
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1455 McDowell Blvd. North, Ste. D, Petaluma, CA 94954, (707) 792-1865, FAX (707) 792-0342

Environmental Resolutions
74 Digital Drive , Suite 6
Novato, CA 94949

Attention: Michael Laskowski

Client Proj. ID: Exxon 7-3567, 243102
Sample Descript: S-10-B1
Matrix: SOLID
Analysis Method: EPA 8240
Lab Number: 9811808-01

Sampled: 11/11/98
Received: 11/12/98
Extracted: 11/13/98
Analyzed: 11/17/98
Reported: 11/18/98

QC Batch Number: MS1113988240EXA
Instrument ID: F3

Volatile Organics (EPA 8240)

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
Acetone	500	N.D.
Benzene	100	N.D.
Bromodichloromethane	100	N.D.
Bromoform	100	N.D.
Bromomethane	100	N.D.
2-Butanone	500	N.D.
Carbon disulfide	100	N.D.
Carbon tetrachloride	100	N.D.
Chlorobenzene	100	N.D.
Chloroethane	100	N.D.
2-Chloroethyl vinyl ether	500	N.D.
Chloroform	100	N.D.
Chloromethane	100	N.D.
Dibromochloromethane	100	N.D.
1,1-Dichloroethane	100	N.D.
1,2-Dichloroethane	100	N.D.
1,1-Dichloroethene	100	N.D.
cis-1,2-Dichloroethene	100	N.D.
trans-1,2-Dichloroethene	100	N.D.
1,2-Dichloropropane	100	N.D.
cis-1,3-Dichloropropene	100	N.D.
trans-1,3-Dichloropropene	100	N.D.
Ethylbenzene	100	N.D.
2-Hexanone	500	N.D.
Methylene chloride	250	N.D.
4-Methyl-2-pentanone	500	N.D.
Styrene	100	N.D.
1,1,2,2-Tetrachloroethane	100	N.D.
Tetrachloroethene	100	N.D.
Toluene	100	N.D.
1,1,1-Trichloroethane	100	N.D.
1,1,2-Trichloroethane	100	N.D.
Trichloroethene	100	N.D.
Trichlorofluoromethane	100	N.D.
Vinyl acetate	250	N.D.
Vinyl chloride	100	N.D.
Total Xylenes	100	N.D.

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Environmental Resolutions
74 Digital Drive , Suite 6
Novato, CA 94949

Attention: Michael Laskowski

Client Proj. ID: Exxon 7-3567, 243102
Sample Descript: S-10-B1
Matrix: SOLID
Analysis Method: EPA 8240
Lab Number: 9811808-01

Sampled: 11/11/98
Received: 11/12/98
Extracted: 11/13/98
Analyzed: 11/17/98
Reported: 11/18/98

QC Batch Number: MS1113988240EXA
Instrument ID: F3

Analyte	Detection Limit ug/Kg		Sample Results ug/Kg
Surrogates	**Control Limits %**		**% Recovery**
1,2-Dichloroethane-d4	70	121	100
Toluene-d8	81	117	108
4-Bromofluorobenzene	74	121	102

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Rebecca J. Strait for
Mei Mei Shin
Project Manager

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Environmental Resolutions	Client Proj. ID: Exxon 7-3567, 243102	Sampled: 11/11/98
74 Digital Drive , Suite 6	Sample Descript: S-10-B1	Received: 11/12/98
Novato, CA 94949	Matrix: SOLID	Extracted: 11/14/98
	Analysis Method: EPA 8270	Analyzed: 11/17/98
Attention: Michael Laskowski	Lab Number: 9811808-01	Reported: 11/18/98

QC Batch Number: MS1110988270EXB
Instrument ID: H5

Semivolatile Organics (EPA 8270)

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
Acenaphthene	250	N.D.
Acenaphthylene	250	N.D.
Anthracene	250	N.D.
Benzoic Acid	500	N.D.
Benzo(a)anthracene	250	N.D.
Benzo(b)fluoranthene	250	N.D.
Benzo(k)fluoranthene	250	N.D.
Benzo(g,h,i)perylene	250	N.D.
Benzo(a)pyrene	250	N.D.
Benzyl alcohol	250	N.D.
Bis(2-chloroethoxy)methane	250	N.D.
Bis(2-chloroethyl)ether	250	N.D.
Bis(2-chloroisopropyl)ether	250	N.D.
Bis(2-ethylhexyl)phthalate	500	N.D.
4-Bromophenyl phenyl ether	250	N.D.
Butyl benzyl phthalate	250	N.D.
4-Chloroaniline	500	N.D.
2-Chloronaphthalene	250	N.D.
4-Chloro-3-methylphenol	250	N.D.
2-Chlorophenol	250	N.D.
4-Chlorophenyl phenyl ether	250	N.D.
Chrysene	250	N.D.
Dibenzo(a,h)anthracene	250	N.D.
Dibenzofuran	250	N.D.
Di-n-butyl phthalate	500	N.D.
1,2-Dichlorobenzene	250	N.D.
1,3-Dichlorobenzene	250	N.D.
1,4-Dichlorobenzene	250	N.D.
3,3'-Dichlorobenzidine	500	N.D.
2,4-Dichlorophenol	250	N.D.
Diethyl phthalate	250	N.D.
2,4-Dimethylphenol	250	N.D.
Dimethyl phthalate	250	N.D.
4,6-Dinitro-2-methylphenol	500	N.D.
2,4-Dinitrophenol	500	N.D.
2,4-Dinitrotoluene	250	N.D.
2,6-Dinitrotoluene	250	N.D.
Di-n-octyl phthalate	250	N.D.
Fluoranthene	250	N.D.

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Environmental Resolutions	Client Proj. ID: Exxon 7-3567, 243102	Sampled: 11/11/98
74 Digital Drive , Suite 6	Sample Descript: S-10-B1	Received: 11/12/98
Novato, CA 94949	Matrix: SOLID	Extracted: 11/14/98
	Analysis Method: EPA 8270	Analyzed: 11/17/98
Attention: Michael Laskowski	Lab Number: 9811808-01	Reported: 11/18/98

QC Batch Number: MS1110988270EXB
Instrument ID: H5

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
Fluorene	250	N.D.
Hexachlorobenzene	250	N.D.
Hexachlorobutadiene	250	N.D.
Hexachlorocyclopentadiene	500	N.D.
Hexachloroethane	250	N.D.
Indeno(1,2,3-cd)pyrene	250	N.D.
Isophorone	250	N.D.
2-Methylnaphthalene	250	N.D.
2-Methylphenol	250	N.D.
4-Methylphenol	250	N.D.
Naphthalene	250	N.D.
2-Nitroaniline	500	N.D.
3-Nitroaniline	500	N.D.
4-Nitroaniline	500	N.D.
Nitrobenzene	250	N.D.
2-Nitrophenol	250	N.D.
4-Nitrophenol	500	N.D.
N-Nitrosodiphenylamine	250	N.D.
N-Nitroso-di-n-propylamine	250	N.D.
Pentachlorophenol	500	N.D.
Phenanthrene	250	N.D.
Phenol	250	N.D.
Pyrene	250	N.D.
1,2,4-Trichlorobenzene	250	N.D.
2,4,5-Trichlorophenol	500	N.D.
2,4,6-Trichlorophenol	250	N.D.

Surrogates	Control Limits %		% Recovery
2-Fluorophenol	25	121	46
Phenol-d5	24	113	43
Nitrobenzene-d5	23	120	58
2-Fluorobiphenyl	30	115	37
2,4,6-Tribromophenol	19	122	93
p-Terphenyl-d14	18	137	62

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Rebecca J. Stratt

Mei Mei Shin
Project Manager

Sequoia Analytical

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Environmental Resolutions	Client Proj. ID: Exxon 7-3567, 243102	Sampled: 11/11/98
74 Digital Drive , Suite 6	Sample Descript: S-10-B1	Received: 11/12/98
Novato, CA 94949	Matrix: SOLID	Extracted: 11/13/98
	Analysis Method: 8015Mod/8020	Analyzed: 11/13/98
Attention: Michael Laskowski	Lab Number: 9811808-01	Reported: 11/18/98

QC Batch Number: GC111398BTEXEXA
Instrument ID: GCHP7

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	98
4-Bromofluorobenzene	60	140	72

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Rebecca A Strait for
Mei Mei Shin
Project Manager

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Environmental Resolutions
74 Digital Drive , Suite 6
Novato, CA 94949

Attention: Michael Laskowski

Client Proj. ID: Exxon 7-3567, 243102
Sample Descript: S-10-B1
Matrix: SOLID
Analysis Method: EPA 8015 Mod
Lab Number: 9811808-01

Sampled: 11/11/98
Received: 11/12/98
Extracted: 11/16/98
Analyzed: 11/16/98
Reported: 11/18/98

QC Batch Number: GC1116980HBPEXA
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	67

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Rebecca J. Strait

Mei Shin
Project Manager

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Environmental Resolutions
74 Digital Drive , Suite 6
Novato, CA 94949

Attention: Michael Laskowski

Client Proj. ID: Exxon 7-3567, 243102
Sample Descript: S-15-B1
Matrix: SOLID
Analysis Method: EPA 8240
Lab Number: 9811808-02

Sampled: 11/11/98
Received: 11/12/98
Extracted: 11/13/98
Analyzed: 11/17/98
Reported: 11/18/98

QC Batch Number: MS1113988240EXA
Instrument ID: F3

Volatile Organics (EPA 8240)

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
Acetone	500	N.D.
Benzene	100	N.D.
Bromodichloromethane	100	N.D.
Bromoform	100	N.D.
Bromomethane	100	N.D.
2-Butanone	500	N.D.
Carbon disulfide	100	N.D.
Carbon tetrachloride	100	N.D.
Chlorobenzene	100	N.D.
Chloroethane	100	N.D.
2-Chloroethyl vinyl ether	500	N.D.
Chloroform	100	N.D.
Chloromethane	100	N.D.
Dibromochloromethane	100	N.D.
1,1-Dichloroethane	100	N.D.
1,2-Dichloroethane	100	N.D.
1,1-Dichloroethene	100	N.D.
cis-1,2-Dichloroethene	100	N.D.
trans-1,2-Dichloroethene	100	N.D.
1,2-Dichloropropane	100	N.D.
cis-1,3-Dichloropropene	100	N.D.
trans-1,3-Dichloropropene	100	N.D.
Ethylbenzene	100	N.D.
2-Hexanone	500	N.D.
Methylene chloride	250	N.D.
4-Methyl-2-pentanone	500	N.D.
Styrene	100	N.D.
1,1,2,2-Tetrachloroethane	100	N.D.
Tetrachloroethene	100	N.D.
Toluene	100	N.D.
1,1,1-Trichloroethane	100	N.D.
1,1,2-Trichloroethane	100	N.D.
Trichloroethene	100	N.D.
Trichlorofluoromethane	100	N.D.
Vinyl acetate	250	N.D.
Vinyl chloride	100	N.D.
Total Xylenes	100	N.D.

SEQUOIA ANALYTICAL

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Environmental Resolutions
74 Digital Drive , Suite 6
Novato, CA 94949

Attention: Michael Laskowski

Client Proj. ID: Exxon 7-3567, 243102
Sample Descript: S-15-B1
Matrix: SOLID
Analysis Method: EPA 8240
Lab Number: 9811808-02

Sampled: 11/11/98
Received: 11/12/98
Extracted: 11/13/98
Analyzed: 11/17/98
Reported: 11/18/98

QC Batch Number: MS1113988240EXA
Instrument ID: F3

Analyte	Detection Limit ug/Kg		Sample Results ug/Kg
Surrogates	**Control Limits %**		**% Recovery**
1,2-Dichloroethane-d4	70	121	97
Toluene-d8	81	117	101
4-Bromofluorobenzene	74	121	94

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Rebecca Strait for

Mei Mei Shin
Project Manager

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Environmental Resolutions	Client Proj. ID: Exxon 7-3567, 243102	Sampled: 11/11/98
74 Digital Drive , Suite 6	Sample Descript: S-15-B1	Received: 11/12/98
Novato, CA 94949	Matrix: SOLID	Extracted: 11/14/98
	Analysis Method: EPA 8270	Analyzed: 11/17/98
Attention: Michael Laskowski	Lab Number: 9811808-02	Reported: 11/18/98

QC Batch Number: MS1110988270EXB
Instrument ID: H5

Semivolatile Organics (EPA 8270)

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
Acenaphthene	250	N.D.
Acenaphthylene	250	N.D.
Anthracene	250	N.D.
Benzoic Acid	500	N.D.
Benzo(a)anthracene	250	N.D.
Benzo(b)fluoranthene	250	N.D.
Benzo(k)fluoranthene	250	N.D.
Benzo(g,h,i)perylene	250	N.D.
Benzo(a)pyrene	250	N.D.
Benzyl alcohol	250	N.D.
Bis(2-chloroethoxy)methane	250	N.D.
Bis(2-chloroethyl)ether	250	N.D.
Bis(2-chloroisopropyl)ether	250	N.D.
Bis(2-ethylhexyl)phthalate	500	N.D.
4-Bromophenyl phenyl ether	250	N.D.
Butyl benzyl phthalate	250	N.D.
4-Chloroaniline	500	N.D.
2-Chloronaphthalene	250	N.D.
4-Chloro-3-methylphenol	250	N.D.
2-Chlorophenol	250	N.D.
4-Chlorophenyl phenyl ether	250	N.D.
Chrysene	250	N.D.
Dibenzo(a,h)anthracene	250	N.D.
Dibenzofuran	250	N.D.
Di-n-butyl phthalate	500	N.D.
1,2-Dichlorobenzene	250	N.D.
1,3-Dichlorobenzene	250	N.D.
1,4-Dichlorobenzene	250	N.D.
3,3'-Dichlorobenzidine	500	N.D.
2,4-Dichlorophenol	250	N.D.
Diethyl phthalate	250	N.D.
2,4-Dimethylphenol	250	N.D.
Dimethyl phthalate	250	N.D.
4,6-Dinitro-2-methylphenol	500	N.D.
2,4-Dinitrophenol	500	N.D.
2,4-Dinitrotoluene	250	N.D.
2,6-Dinitrotoluene	250	N.D.
Di-n-octyl phthalate	250	N.D.
Fluoranthene	250	N.D.

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[redacted]

[redacted]vironmental Resolutions
[redacted]4 Digital Drive , Suite 6
[redacted]ato, CA 94949

[redacted]ttention: Michael Laskowski

Client Proj. ID: Exxon 7-3567, 243102
Sample Descript: S-15-B1
Matrix: SOLID
Analysis Method: EPA 8270
Lab Number: 9811808-02

Sampled: 11/11/98
Received: 11/12/98
Extracted: 11/14/98
Analyzed: 11/17/98
Reported: 11/18/98

[redacted]atch Number: MS1110988270EXB
[redacted]ment ID: H5

[redacted]nalyte	Detection Limit ug/Kg	Sample Results ug/Kg
[redacted]luorene	250	N.D.
[redacted]exachlorobenzene	250	N.D.
[redacted]achlorobutadiene	250	N.D.
[redacted]achlorocyclopentadiene	500	N.D.
[redacted]exachloroethane	250	N.D.
[redacted]deno(1,2,3-cd)pyrene	250	N.D.
[redacted]horone	250	N.D.
[redacted]ethylnaphthalene	250	N.D.
[redacted]-Methylphenol	250	N.D.
[redacted]-Methylphenol	250	N.D.
[redacted]hthalene	250	N.D.
[redacted]troaniline	500	N.D.
[redacted]-Nitroaniline	500	N.D.
[redacted]-Nitroaniline	500	N.D.
[redacted]obenzene	250	N.D.
[redacted]trophenol	250	N.D.
[redacted]-Nitrophenol	500	N.D.
[redacted]Nitrosodiphenylamine	250	N.D.
[redacted]itroso-di-n-propylamine	250	N.D.
[redacted]tachlorophenol	500	N.D.
[redacted]henanthrene	250	N.D.
[redacted]enol	250	N.D.
[redacted]ene	250	N.D.
[redacted]4-Trichlorobenzene	250	N.D.
[redacted]2,4,5-Trichlorophenol	500	N.D.
[redacted]2,4,6-Trichlorophenol	250	N.D.

[redacted]urrogates	Control Limits %		% Recovery
[redacted]2-Fluorophenol	25	121	43
[redacted]enol-d5	24	113	41
[redacted]obenzene-d5	23	120	49
[redacted]2-Fluorobiphenyl	30	115	47
2,4,6-Tribromophenol	19	122	89
[redacted]erphenyl-d14	18	137	54

[redacted]ables reported as N.D. were not present above the stated limit of detection.

[redacted]EQUOIA ANALYTICAL - ELAP #1210

Rebecca J. Strait for

[redacted]e Mei Shin
[redacted]ct Manager

Sequoia Analytical

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Environmental Resolutions	Client Proj. ID: Exxon 7-3567, 243102	Sampled: 11/11/98
74 Digital Drive , Suite 6	Sample Descript: S-15-B1	Received: 11/12/98
Novato, CA 94949	Matrix: SOLID	Extracted: 11/13/98
	Analysis Method: 8015Mod/8020	Analyzed: 11/13/98
Attention: Michael Laskowski	Lab Number: 9811808-02	Reported: 11/18/98

QC Batch Number: GC111398BTEXEXA
Instrument ID: GCHP7

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	104
4-Bromofluorobenzene	60	140	90

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Rebecca J. Strait

Mei Mei Shin
Project Manager

Sequoia Analytical

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Environmental Resolutions	Client Proj. ID: Exxon 7-3567, 243102	Sampled: 11/11/98
74 Digital Drive , Suite 6	Sample Descript: S-15-B1	Received: 11/12/98
Novato, CA 94949	Matrix: SOLID	Extracted: 11/16/98
	Analysis Method: EPA 8015 Mod	Analyzed: 11/16/98
Attention: Michael Laskowski	Lab Number: 9811808-02	Reported: 11/18/98

QC Batch Number: GC1116980HBPEXA
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	5.3
Chromatogram Pattern:		
Unidentified HC		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	82

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Rebecca J. Strait for

Jei-Mei Shin
Project Manager

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Environmental Resolutions
74 Digital Drive , Suite 6
Novato, CA 94949

Attention: Michael Laskowski

Client Proj. ID: Exxon 7-3567, 243102
Sample Descript: S-35-B1
Matrix: SOLID
Analysis Method: EPA 8240
Lab Number: 9811808-03

Sampled: 11/11/98
Received: 11/12/98
Extracted: 11/13/98
Analyzed: 11/17/98
Reported: 11/18/98

QC Batch Number: MS1113988240EXA
Instrument ID: F3

Volatile Organics (EPA 8240)

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
Acetone	500	N.D.
Benzene	100	N.D.
Bromodichloromethane	100	N.D.
Bromoform	100	N.D.
Bromomethane	100	N.D.
2-Butanone	500	N.D.
Carbon disulfide	100	N.D.
Carbon tetrachloride	100	N.D.
Chlorobenzene	100	N.D.
Chloroethane	100	N.D.
2-Chloroethyl vinyl ether	500	N.D.
Chloroform	100	N.D.
Chloromethane	100	N.D.
Dibromochloromethane	100	N.D.
1,1-Dichloroethane	100	N.D.
1,2-Dichloroethane	100	N.D.
1,1-Dichloroethene	100	N.D.
cis-1,2-Dichloroethene	100	N.D.
trans-1,2-Dichloroethene	100	N.D.
1,2-Dichloropropane	100	N.D.
cis-1,3-Dichloropropene	100	N.D.
trans-1,3-Dichloropropene	100	N.D.
Ethylbenzene	100	N.D.
2-Hexanone	500	N.D.
Methylene chloride	250	N.D.
4-Methyl-2-pentanone	500	N.D.
Styrene	100	N.D.
1,1,2,2-Tetrachloroethane	100	N.D.
Tetrachloroethene	100	N.D.
Toluene	100	N.D.
1,1,1-Trichloroethane	100	N.D.
1,1,2-Trichloroethane	100	N.D.
Trichloroethene	100	N.D.
Trichlorofluoromethane	100	N.D.
Vinyl acetate	250	N.D.
Vinyl chloride	100	N.D.
Total Xylenes	100	N.D.

Sequoia Analytical

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Environmental Resolutions
74 Digital Drive , Suite 6
Novato, CA 94949

Attention: Michael Laskowski

Client Proj. ID: Exxon 7-3567, 243102
Sample Descript: S-35-B1
Matrix: SOLID
Analysis Method: EPA 8240
Lab Number: 9811808-03

Sampled: 11/11/98
Received: 11/12/98
Extracted: 11/13/98
Analyzed: 11/17/98
Reported: 11/18/98

QC Batch Number: MS1113988240EXA
Instrument ID: F3

Analyte	Detection Limit ug/Kg		Sample Results ug/Kg
Surrogates	**Control Limits %**		**% Recovery**
1,2-Dichloroethane-d4	70	121	99
Toluene-d8	81	117	106
4-Bromofluorobenzene	74	121	98

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Rebecca A Stratford for
Mei Mei Shin
Project Manager

Sequoia Analytical

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Environmental Resolutions	Client Proj. ID: Exxon 7-3567, 243102	Sampled: 11/11/98
74 Digital Drive , Suite 6	Sample Descript: S-35-B1	Received: 11/12/98
Novato, CA 94949	Matrix: SOLID	Extracted: 11/14/98
	Analysis Method: EPA 8270	Analyzed: 11/17/98
Attention: Michael Laskowski	Lab Number: 9811808-03	Reported: 11/18/98

QC Batch Number: MS1110988270EXB
Instrument ID: H5

Semivolatile Organics (EPA 8270)

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
Acenaphthene	250	N.D.
Acenaphthylene	250	N.D.
Anthracene	250	N.D.
Benzoic Acid	500	N.D.
Benzo(a)anthracene	250	N.D.
Benzo(b)fluoranthene	250	N.D.
Benzo(k)fluoranthene	250	N.D.
Benzo(g,h,i)perylene	250	N.D.
Benzo(a)pyrene	250	N.D.
Benzyl alcohol	250	N.D.
Bis(2-chloroethoxy)methane	250	N.D.
Bis(2-chloroethyl)ether	250	N.D.
Bis(2-chloroisopropyl)ether	250	N.D.
Bis(2-ethylhexyl)phthalate	500	N.D.
4-Bromophenyl phenyl ether	250	N.D.
Butyl benzyl phthalate	250	N.D.
4-Chloroaniline	500	N.D.
2-Chloronaphthalene	250	N.D.
4-Chloro-3-methylphenol	250	N.D.
2-Chlorophenol	250	N.D.
4-Chlorophenyl phenyl ether	250	N.D.
Chrysene	250	N.D.
Dibenzo(a,h)anthracene	250	N.D.
Dibenzofuran	250	N.D.
Di-n-butyl phthalate	500	N.D.
1,2-Dichlorobenzene	250	N.D.
1,3-Dichlorobenzene	250	N.D.
1,4-Dichlorobenzene	250	N.D.
3,3'-Dichlorobenzidine	500	N.D.
2,4-Dichlorophenol	250	N.D.
Diethyl phthalate	250	N.D.
2,4-Dimethylphenol	250	N.D.
Dimethyl phthalate	250	N.D.
4,6-Dinitro-2-methylphenol	500	N.D.
2,4-Dinitrophenol	500	N.D.
2,4-Dinitrotoluene	250	N.D.
2,6-Dinitrotoluene	250	N.D.
Di-n-octyl phthalate	250	N.D.
Fluoranthene	250	N.D.

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Environmental Resolutions
74 Digital Drive , Suite 6
Novato, CA 94949

Attention: Michael Laskowski

Client Proj. ID: Exxon 7-3567, 243102
Sample Descript: S-35-B1
Matrix: SOLID
Analysis Method: EPA 8270
Lab Number: 9811808-03

Sampled: 11/11/98
Received: 11/12/98
Extracted: 11/14/98
Analyzed: 11/17/98
Reported: 11/18/98

QC Batch Number: MS1110988270EXB
Instrument ID: H5

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
Fluorene	250	N.D.
Hexachlorobenzene	250	N.D.
Hexachlorobutadiene	250	N.D.
Hexachlorocyclopentadiene	500	N.D.
Hexachloroethane	250	N.D.
Indeno(1,2,3-cd)pyrene	250	N.D.
Isophorone	250	N.D.
2-Methylnaphthalene	250	N.D.
2-Methylphenol	250	N.D.
4-Methylphenol	250	N.D.
Naphthalene	250	N.D.
2-Nitroaniline	500	N.D.
3-Nitroaniline	500	N.D.
4-Nitroaniline	500	N.D.
Nitrobenzene	250	N.D.
2-Nitrophenol	250	N.D.
4-Nitrophenol	500	N.D.
N-Nitrosodiphenylamine	250	N.D.
N-Nitroso-di-n-propylamine	250	N.D.
Pentachlorophenol	500	N.D.
Phenanthrene	250	N.D.
Phenol	250	N.D.
Pyrene	250	N.D.
1,2,4-Trichlorobenzene	250	N.D.
2,4,5-Trichlorophenol	500	N.D.
2,4,6-Trichlorophenol	250	N.D.

Surrogates	Control Limits %		% Recovery
2-Fluorophenol	25	121	45
Phenol-d5	24	113	44
Nitrobenzene-d5	23	120	59
2-Fluorobiphenyl	30	115	54
2,4,6-Tribromophenol	19	122	83
p-Terphenyl-d14	18	137	59

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Rebecca Stait

Mei Mei Shin
Project Manager

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Environmental Resolutions	Client Proj. ID: · Exxon 7-3567, 243102	Sampled: 11/11/98
74 Digital Drive , Suite 6	Sample Descript: S-35-B1	Received: 11/12/98
Novato, CA 94949	Matrix: SOLID	Extracted: 11/13/98
	Analysis Method: 8015Mod/8020	Analyzed: 11/16/98
Attention: Michael Laskowski	Lab Number: 9811808-03	Reported: 11/18/98

QC Batch Number: GC111398BTEXEXA
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	76
4-Bromofluorobenzene	60	140	77

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Rebecca J. Stratt

Mei Mei Shin
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Environmental Resolutions	Client Proj. ID: Exxon 7-3567, 243102	Sampled: 11/11/98
74 Digital Drive , Suite 6	Sample Descript: S-35-B1	Received: 11/12/98
Novato, CA 94949	Matrix: SOLID	Extracted: 11/16/98
	Analysis Method: EPA 8015 Mod	Analyzed: 11/16/98
Attention: Michael Laskowski	Lab Number: 9811808-03	Reported: 11/18/98

QC Batch Number: GC1116980HBPEXA
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	78

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Rebecca J. Strait

Mei Mei Shin
Project Manager

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Environmental Resolutions	Client Proj. ID: Exxon 7-3567, 243102	Sampled: 11/11/98
74 Digital Drive , Suite 6	Sample Descript: S-15-B2	Received: 11/12/98
Novato, CA 94949	Matrix: SOLID	Extracted: 11/13/98
	Analysis Method: 8015Mod/8020	Analyzed: 11/13/98
Attention: Michael Laskowski	Lab Number: 9811808-04	Reported: 11/18/98

QC Batch Number: GC111398BTEXEXA
Instrument ID: GCHP7

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	95
4-Bromofluorobenzene	60	140	83

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Rebecca J Strait for

Mei Shin
Project Manager

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Environmental Resolutions	Client Proj. ID: Exxon 7-3567, 243102	Sampled: 11/11/98
74 Digital Drive , Suite 6	Sample Descript: S-15-B2	Received: 11/12/98
Novato, CA 94949	Matrix: SOLID	Extracted: 11/16/98
	Analysis Method: EPA 8015 Mod	Analyzed: 11/17/98
Attention: Michael Laskowski	Lab Number: 9811808-04	Reported: 11/18/98

QC Batch Number: GC1116980HBPEXA
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	62

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Rebecca A Strait for

Mei Mei Shin
Project Manager

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Environmental Resolutions	Client Proj. ID: Exxon 7-3567, 243102	Sampled: 11/11/98
74 Digital Drive , Suite 6	Sample Descript: S-35-B2	Received: 11/12/98
Novato, CA 94949	Matrix: SOLID	Extracted: 11/13/98
	Analysis Method: 8015Mod/8020	Analyzed: 11/13/98
Attention: Michael Laskowski	Lab Number: 9811808-05	Reported: 11/18/98

QC Batch Number: GC111398BTEXEXA
Instrument ID: GCHP7

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	96
4-Bromofluorobenzene	60	140	83

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Rebecca J Strait for

MeiMei Shin
Project Manager

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[redacted]

Environmental Resolutions	Client Proj. ID: Exxon 7-3567, 243102	Sampled: 11/11/98
74 Digital Drive , Suite 6	Sample Descript: S-35-B2	Received: 11/12/98
Novato, CA 94949	Matrix: SOLID	Extracted: 11/16/98
	Analysis Method: EPA 8015 Mod	Analyzed: 11/17/98
Attention: Michael Laskowski	Lab Number: 9811808-05	Reported: 11/18/98

QC Batch Number: GC1116980HBPEXA
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	86

Values reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Rebecca J. Stait for

Mei Shin
Project Manager

Sequoia Analytical

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Environmental Resolutions
74 Digital Drive , Suite 6
ovato, CA 94949
ttention: Michael Laskowski

Client Proj. ID: Exxon 7-3567, 243102

Lab Proj. ID: 9811808

Received: 11/12/98

Reported: 11/18/98

LABORATORY NARRATIVE

In order to properly interpret this report, it must be reproduced in its entirety. This report contains a total of_____ pages including the laboratory narrative, sample results, quality control, and related documents as required (cover page, COC, raw data, etc.).

SEQUOIA ANALYTICAL

Rebecca Stratford for

Mei Shin
Project Manager

Sequoia Analytical

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Environmental Resolutions
74 Digital Drive, Suite 6
Novato, CA 94949
Attention: Michael Laskowski

Client Project ID: Exxon 7-3567, 243102

QC Sample Group: 9811808

Reported: Nov 18, 1998

QUALITY CONTROL DATA REPORT

Matrix:	Solid
Method:	EPA 8015
Analyst:	G.P.
ANALYTE	Gasoline

QC Batch #: GC111398BTEXEXA

Sample No.:	9811809-1
Date Prepared:	11/13/98
Date Analyzed:	11/13/98
Instrument I.D.#:	GCHP31
Sample Conc., mg/Kg:	3.5 mg/Kg
Conc. Spiked, mg/Kg:	5.0
Matrix Spike, mg/Kg:	7.1
% Recovery:	72
Matrix Spike Duplicate, mg/Kg:	7.6
% Recovery:	82
Relative % Difference:	13
RPD Control Limits:	0-25

LCS Batch#: GC111398BTEXEXA

Date Prepared:	11/13/98
Date Analyzed:	11/13/98
Instrument I.D.#:	GCHP31
Conc. Spiked, mg/Kg:	5.0
Recovery, mg/Kg:	4.8
LCS % Recovery:	96

Percent Recovery Control Limits:

MS/MSD	60-140
LCS	70-130

Quality Assurance Statement: All standard operating procedures and quality control requirements have been met.

SEQUOIA ANALYTICAL

Rebecca Strait
Project Manager

Please Note:
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

Sequoia Analytical

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1455 McDowell Blvd. North, Ste. D, Petaluma, CA 94954, (707) 792-1865, FAX (707) 792-0342

Environmental Resolutions
74 Digital Drive, Suite 6
Novato, CA 94949
Attention: Michael Laskowski

Client Project ID: Exxon 7-3567, 243102

QC Sample Group: 9811808

Reported: Nov 18, 1998

QUALITY CONTROL DATA REPORT

Matrix:	Solid
Method:	EPA 8015M
Analyst:	A. PORTER
ANALYTE	Diesel

QC Batch #: GC1116980HBPEXA

Sample No.:	9811769-17
Date Prepared:	11/16/98
Date Analyzed:	11/17/98
Instrument I.D.#:	GCHP4B
Sample Conc., mg/Kg:	3.5 mg/Kg
Conc. Spiked, mg/Kg:	17
Matrix Spike, mg/Kg:	20
% Recovery:	97
Matrix Spike Duplicate, mg/Kg:	16
% Recovery:	74
Relative % Difference:	27
RPD Control Limits:	0-50

LCS Batch#: BLK111698AS

Date Prepared:	11/16/98
Date Analyzed:	11/17/98
Instrument I.D.#:	GCHP4B
Conc. Spiked, mg/Kg:	17
Recovery, mg/Kg:	16
LCS % Recovery:	94

Percent Recovery Control Limits:

MS/MSD	50-150
LCS	60-140

Quality Assurance Statement: All standard operating procedures and quality control requirements have been met.

SEQUOIA ANALYTICAL

Rebecca Strait

Rebecca Strait
Project Manager

Please Note:
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

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EXXON COMPANY, U.S.A.

P.O. Box 2180, Houston, TX 77002-7426

CHAIN OF CUSTODY

981808

Consultant's Name: Environmental Resolution Inc

Page 3 of 3

Address: 74 Digital Drive Suite 6 Novato, CA 94949		**Site Location:** 3192 Santa Rita Rd
Project #:	**Consultant Project #:** 243102.4	**Consultant Work Release #:** 19828545
Project Contact: Michael Lastowski	**Phone #:** (415) 382-9101	**Laboratory Work Release #:**
EXXON Contact: Maria Gueneau	**Phone #:** (925) 246-8776	**EXXON RAS #:** 7-3567
Sampled by (print): Dave Amdal	**Sampler's Signature:** Dave Amdal	Pleasanton, CA
Shipment Method:	**Air Bill #:**	

TAT: ☐ 24 hr ☐ 48 hr ☐ 72 hr ☒ 96 hr ☐ Standard (10 day)

Sample Description	Collection Date	Collection Time	Matrix Soil/Water/Air	Prsv	# of Cont.	Sequoia's Sample #	ANALYSIS REQUIRED: TPH/Gas BTEX/ 8015/ 8020	TPH/ Diesel EPA 8015	TRPH S.M. 5520	MTBE 8020		Temperature: / Inbound Seal: Yes No / Outbound Seal: Yes No
S-45-B2	11/11/98	1436	Soil		1			HOLD				
S-50-B2		1443			1			HOLD				
												12

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
[signature] for Dave	11-12-98	1100	[signature] SEQUOIA	11/12	1100	
[signature] SEQUOIA	11-12-98					
			WDJones	11/12	1354	

Pink - Client
Yellow - Sequoia
White - Sequoia

Sequoia Analytical
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Redwood City, CA 94063
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EXXON COMPANY, U.S.A.

P.O. Box 2180, Houston, TX 77002-7426

CHAIN OF CUSTODY

9811808

Consultant's Name: Environmental Resolutions Inc		
Address: 74 Digital Drive Suite 6 Novato, CA 94949		**Site Location:** 3192 Santa Rita Rd.
Project #:	**Consultant Project #:** 243102	**Consultant Work Release #:** 198 28545
Project Contact: Michael Laskowski	**Phone #:** (415) 382-9105	**Laboratory Work Release #:**
EXXON Contact: Marla Guensler	**Phone #:** (925) 246-8776	**EXXON RAS #:** 7-3567
Sampled by (print): Dave Amdal	**Sampler's Signature:** Dave Amdal	Pleasanton, CA
Shipment Method:	**Air Bill #:**	

TAT: ☐ 24 hr ☐ 48 hr ☐ 72 hr ☒ 96 hr ☐ Standard (10 day)

ANALYSIS REQUIRED

Sample Description	Collection Date	Collection Time	Matrix Soil/Water/Air	Prsv	# of Cont.	Sequoia's Sample #	TPH/Gas BTEX/ 8015/ 8020	TPH/ Diesel EPA 8015	TRPH S.M. 5520	MTBE 8020		Temperature: Inbound Seal: Yes No Outbound Seal: Yes No
~~S-5-B1~~	~~11/11/98~~		~~Soil~~	~~1~~				HOLD				
S-5-B2	11/11/98	1332	Soil	1				HOLD				
S-10-B2		1335		1				HOLD				
S-15-B2		1340		1		04	*	*		*		
S-20-B2		1350		1				HOLD				
S-25-B2		1407		1				HOLD				
S-30-B2		1411		1				HOLD				
S-35-B2		1419		1		05	*	*		*		
S-40-B2		1430		1				HOLD				

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
For Dave	11.12.98	1100	SEQUOIA	11/12	1100	
SEQUOIA	11.12.98					
				11/12	1359	

White - Sequoia Yellow - Sequoia Pink - Client

Sequoia Analytical
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EXXON COMPANY, U.S.A.

P.O. Box 2180, Houston, TX 77002-7426

CHAIN OF CUSTODY

9811808

Consultant's Name: Environmental Resolutions Inc — Page 2 of 3

Address: 24 Digital Drive Suite 6 Novato CA 94949		Site Location: 3192 Santa Rita Rd.
Project #:	Consultant Project #: 243102	Consultant Work Release #: 19828545
Project Contact: Michael Laskowski	Phone #: (415) 382-9105	Laboratory Work Release #:
EXXON Contact: Marla Guenster	Phone #: (925) 246-8776	EXXON RAS #: 7-3567
Sampled by (print): Dave Arnold	Sampler's Signature:	Pleasanton, CA
Shipment Method:	Air Bill #:	

TAT: ☐ 24 hr ☐ 48 hr ☐ 72 hr ☒ 96 hr ☐ Standard (10 day)

ANALYSIS REQUIRED

Sample Description	Collection Date	Collection Time	Matrix Soil/Water/Air	Prsv	# of Cont.	Sequoia's Sample #	TPH/Gas BTEX/ 8015/ 8020	TPH/ Diesel EPA 8015	TRPH S.M. 5520	MTBE (8020)	VOC's (8240) + SVOC's (8270)	Temperature: _____ Inbound Seal: Yes No Outbound Seal: Yes No
S-5-B1	11/11/98	800	Soil	NA	1			HOLD				
S-10-B1		811			1	01	X	X	X	X	X	
S-15-B1		818			1	02	X	X	X	X	X	
S-20-B1		824			1			HOLD				
S-25-B1		832			1			HOLD				
S-30-B1		838			1			HOLD				12
S-35-B1		846			1	03	X	X	X	X	X	
S-40-B1		855			1			HOLD				
S-45-B1		944			1			HOLD				

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
	11-12-98	1100	SEQUOIA	11/12	1100	
& MARK A. SEQUOIA	11.12.98					
				11/12	1744	

White - Sequoia Yellow - Sequoia Pink - Client

Sequoia Analytical

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1455 McDowell Blvd. North, Ste. D, Petaluma, CA 94954, (707) 792-1865, FAX (707) 792-0342

Environmental Resolutions	Client Proj. ID: Exxon 7-3567/243102X	Sampled: 11/12/98
74 Digital Drive , Suite 6		Received: 11/16/98
Novato, CA 94949	Lab Proj. ID: 9811B10	Analyzed: see below
Attention: Michael Laskowski		Reported: 11/25/98

LABORATORY ANALYSIS

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Lab No: 9811B10-06				
Sample Desc : SOLID,SP1-1				
Organic Lead	mg/Kg	11/20/98	5.0	N.D.
TRPH (SM 5520 E&F)	mg/Kg	11/20/98	50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mei Mei Shin
Project Manager

RECEIVED
DEC 09 1998

Sequoia Analytical

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nvironmental Resolutions	Client Proj. ID: Exxon 7-3567/243102X	Sampled: 11/12/98
74 Digital Drive , Suite 6	Sample Descript: S-25-B3	Received: 11/16/98
Novato, CA 94949	Matrix: SOLID	Extracted: 11/18/98
	Analysis Method: 8015Mod/8020	Analyzed: 11/18/98
ttention: Michael Laskowski	Lab Number: 9811B10-01	Reported: 11/25/98

QC Batch Number: GC111898BTEXEXA
Instrument ID: GCHP18

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	100
Bromofluorobenzene	60	140	81

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mei Mei Shin
Project Manager

Sequoia Analytical

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Environmental Resolutions
74 Digital Drive , Suite 6
Novato, CA 94949

Attention: Michael Laskowski

Client Proj. ID: Exxon 7-3567/243102X
Sample Descript: S-25-B3
Matrix: SOLID
Analysis Method: EPA 8015 Mod
Lab Number: 9811B10-01

Sampled: 11/12/98
Received: 11/16/98
Extracted: 11/19/98
Analyzed: 11/24/98
Reported: 11/25/98

QC Batch Number: GC1119980HBPEXC
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	**19**
Chromatogram Pattern: Unidentified HC		**C9-C24**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	107

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mei Mei Shin
Project Manager

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Environmental Resolutions
74 Digital Drive , Suite 6
Novato, CA 94949

Attention: Michael Laskowski

Client Proj. ID: Exxon 7-3567/243102X
Sample Descript: SP1-1
Matrix: SOLID
Analysis Method: 8015Mod/8020
Lab Number: 9811B10-06

Sampled: 11/12/98
Received: 11/16/98
Extracted: 11/18/98
Analyzed: 11/18/98
Reported: 11/25/98

QC Batch Number: GC111898BTEXEXA
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	111
4-Bromofluorobenzene	60	140	89

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mei Mei Shin
Project Manager

Sequoia Analytical

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ivironmental Resolutions
Digital Drive , Suite 6
o, CA 94949

tention: Michael Laskowski

Client Proj. ID: Exxon 7-3567/243102X
Sample Descript: SP1-1
Matrix: SOLID
Analysis Method: EPA 8015 Mod
Lab Number: 9811B10-06

Sampled: 11/12/98
Received: 11/16/98
Extracted: 11/19/98
Analyzed: 11/24/98
Reported: 11/25/98

tch Number: GC1119980HBPEXC
ment ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

yte	Detection Limit mg/Kg	Sample Results mg/Kg
l as Diesel	1.0	11
matogram Pattern:		
nidentified HC		C9-C24

ogates	Control Limits %		% Recovery
ntacosane (C25)	50	150	90

es reported as N.D. were not present above the stated limit of detection.

EQUOIA ANALYTICAL - ELAP #1210

Mei Shin
ect Manager

Sequoia Analytical

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Environmental Resolutions
74 Digital Drive , Suite 6
Novato, CA 94949

Attention: Michael Laskowski

Client Proj. ID: Exxon 7-3567/243102X
Sample Descript: S-15-B4
Matrix: SOLID
Analysis Method: 8015Mod/8020
Lab Number: 9811B10-10

Sampled: 11/12/98
Received: 11/16/98
Extracted: 11/18/98
Analyzed: 11/18/98
Reported: 11/25/98

Batch Number: GC111898BTEXEXA
Instrument ID: GCHP18

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	93
4-Bromofluorobenzene	60	140	76

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mei Shin
Project Manager

Sequoia Analytical

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1455 McDowell Blvd. North, Ste. D, Petaluma, CA 94954, (707) 792-1865, FAX (707) 792-0342

[redacted]

Environmental Resolutions	Client Proj. ID: Exxon 7-3567/243102X	Sampled: 11/12/98
74 Digital Drive , Suite 6	Sample Descript: S-15-B4	Received: 11/16/98
Novato, CA 94949	Matrix: SOLID	Extracted: 11/19/98
	Analysis Method: EPA 8015 Mod	Analyzed: 11/24/98
Attention: Michael Laskowski	Lab Number: 9811B10-10	Reported: 11/25/98

QC Batch Number: GC1119980HBPEXC
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	82

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

[redacted]

Mei Mei Shin
Project Manager

Sequoia Analytical

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nvironmental Resolutions
74 Digital Drive , Suite 6
Novato, CA 94949

ttention: Michael Laskowski

Client Proj. ID: Exxon 7-3567/243102X
Sample Descript: S-25-B4
Matrix: SOLID
Analysis Method: 8015Mod/8020
Lab Number: 9811B10-11

Sampled: 11/12/98
Received: 11/16/98
Extracted: 11/18/98
Analyzed: 11/18/98
Reported: 11/25/98

C Batch Number: GC111898BTEXEXA
rument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

nalyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
ethyl t-Butyl Ether	0.025	N.D.
enzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
lenes (Total)	0.0050	N.D.
romatogram Pattern:		N.D.

urrogates	Control Limits %		% Recovery
luorotoluene	70	130	100
Bromofluorobenzene	60	140	85

lytes reported as N.D. were not present above the stated limit of detection.

UOIA ANALYTICAL - ELAP #1210

i Mei Shin
t Manager

Sequoia Analytical

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Environmental Resolutions
74 Digital Drive , Suite 6
Novato, CA 94949

Attention: Michael Laskowski

Client Proj. ID: Exxon 7-3567/243102X
Sample Descript: S-25-B4
Matrix: SOLID
Analysis Method: EPA 8015 Mod
Lab Number: 9811B10-11

Sampled: 11/12/98
Received: 11/16/98
Extracted: 11/19/98
Analyzed: 11/24/98
Reported: 11/25/98

QC Batch Number: GC1119980HBPEXC
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	78

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mei Shin
Project Manager

Sequoia Analytical

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Environmental Resolutions
74 Digital Drive , Suite 6
Novato, CA 94949

Attention: Michael Laskowski

Client Proj. ID: Exxon 7-3567/243102X
Sample Descript: S-15-B3
Matrix: SOLID
Analysis Method: 8015Mod/8020
Lab Number: 9811B10-12

Sampled: 11/12/98
Received: 11/16/98
Extracted: 11/18/98
Analyzed: 11/18/98
Reported: 11/25/98

QC Batch Number: GC111898BTEXEXA
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	102
4-Bromofluorobenzene	60	140	85

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mei Shin
Project Manager

Sequoia Analytical

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Environmental Resolutions
74 Digital Drive , Suite 6
N vato, CA 94949

Attention: Michael Laskowski

Client Proj. ID: Exxon 7-3567/243102X
Sample Descript: S-15-B3
Matrix: SOLID
Analysis Method: EPA 8015 Mod
Lab Number: 9811B10-12

Sampled: 11/12/98
Received: 11/16/98
Extracted: 11/19/98
Analyzed: 11/24/98
Reported: 11/25/98

QC Batch Number: GC1119980HBPEXC
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	1.3
Chromatogram Pattern: Unidentified HC		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	75

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Yi Mei Shin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
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Environmental Resolutions
74 Digital Drive, Suite 6
Novato, CA 94949
Attention: Michael Laskowski

Client Project ID: Exxon 7-3567/243102X

QC Sample Group: 9811B10-01,06,10-12

Reported: Nov 25, 1998

QUALITY CONTROL DATA REPORT

Matrix: Solid
Method: EPA 8020
Analyst: G.P.

ANALYTE	Benzene	Toluene	Ethylbenzene	Xylenes
QC Batch #: GC111898BTEXEXA				
Sample No.: 9811B10-1				
Date Prepared:	11/18/98	11/18/98	11/18/98	11/18/98
Date Analyzed:	11/18/98	11/18/98	11/18/98	11/18/98
Instrument I.D.#:	GCHP18	GCHP18	GCHP18	GCHP18
Sample Conc., mg/Kg:	N.D.	N.D.	N.D.	N.D.
Conc. Spiked, mg/Kg:	0.20	0.20	0.20	0.60
Matrix Spike, mg/Kg:	0.17	0.18	0.20	0.57
% Recovery:	85	90	100	95
Matrix Spike Duplicate, mg/Kg:	0.18	0.19	0.20	0.58
% Recovery:	90	95	100	97
Relative % Difference:	5.7	5.4	0.0	2.1
RPD Control Limits:	0-25	0-25	0-25	0-25

LCS Batch#: GC111898BTEXEXA				
Date Prepared:	11/18/98	11/18/98	11/18/98	11/18/98
Date Analyzed:	11/18/98	11/18/98	11/18/98	11/18/98
Instrument I.D.#:	GCHP18	GCHP18	GCHP18	GCHP18
Conc. Spiked, mg/Kg:	0.20	0.20	0.20	0.60
Recovery, mg/Kg:	0.20	0.21	0.22	0.63
LCS % Recovery:	100	105	110	105

Percent Recovery Control Limits:

MS/MSD	60-140	60-140	60-140	60-140
LCS	70-130	70-130	70-130	70-130

Quality Assurance Statement: All standard operating procedures and quality control requirements have been met.

SEQUOIA ANALYTICAL

Kayvan Kimyai
Project Manager

Please Note:
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

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Environmental Resolutions
74 Digital Drive, Suite 6
Novato, CA 94949
Attention: Michael Laskowski

Client Project ID: Exxon 7-3567/243102X

QC Sample Group: 9811B10-01,06,10-12

Reported: Nov 25, 1998

QUALITY CONTROL DATA REPORT

Matrix:	Solid
Method:	EPA 8015M
Analyst:	A. PORTER
ANALYTE	Diesel

QC Batch #: GC1119980HBPEXC

Sample No.:	9811B90-07
Date Prepared:	11/19/98
Date Analyzed:	11/21/98
Instrument I.D.#:	GCHP4B
Sample Conc., mg/Kg:	140 mg/Kg
Conc. Spiked, mg/Kg:	17
Matrix Spike, mg/Kg:	54
% Recovery:	-510
Matrix Spike Duplicate, mg/Kg:	110
% Recovery:	-180
Relative % Difference:	-96
RPD Control Limits:	0-50

THE SAMPLE, MS AND MSD WERE ALL RUN AT A 10X DILUTION.

LCS Batch#: BLK111998CS

Date Prepared:	11/19/98
Date Analyzed:	11/21/98
Instrument I.D.#:	GCHP4B
Conc. Spiked, mg/Kg:	17
Recovery, mg/Kg:	13
LCS % Recovery:	76

Percent Recovery Control Limits:

MS/MSD	50-150
LCS	60-140

Quality Assurance Statement: All standard operating procedures and quality control requirements have been met.

SEQUOIA ANALYTICAL

Kayvan Kimyai
Project Manager

Please Note:
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Environmental Resolutions
74 Digital Drive, Ste. 6
Novato, CA 94949
Attention: Michael Laskowski

Client Project ID: Exxon 7-3567/243102X
Matrix: Solid
Work Order #: 9811B10 02-06
Reported: Dec 1, 1998

QUALITY CONTROL DATA REPORT

Analyte:	Total Recoverable Petroleum Hydrocarbons
QC Batch#:	SP1118985520EXC
Analy. Method:	SM 5520EF
Prep. Method:	SM 5520EF
Analyst:	H. Olonan
BS/BSD #:	BLK111898
Sample Conc.:	N.D.
Prepared Date:	11/18/98
Analyzed Date:	11/19/98
Instrument I.D.#:	MANUAL
Conc. Spiked:	150 mg/Kg
Result:	130
BS % Recovery:	87
Dup. Result:	130
BSD % Recov.:	87
RPD:	0.0
RPD Limit:	0-30

LCS #:	
Prepared Date:	
Analyzed Date:	
Instrument I.D.#:	
Conc. Spiked:	
LCS Result:	
LCS % Recov.:	

MS/MSD	60-140
LCS	70-130
Control Limits	

SEQUOIA ANALYTICAL

Mei Mei Shin
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

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Environmental Resolutions
74 Digital Drive, Ste. 6
Novato, CA 94949
Attention: Michael Laskowski

Client Project ID: Exxon 7-3567/243102X
Matrix: Solid
Work Order #: 9811B10 . 06
Reported: Dec 1, 1998

QUALITY CONTROL DATA REPORT

Analyte:	Organic Lead
QC Batch#:	ME1120987000MDA
Analy. Method:	LUFT
Prep. Method:	LUFT
Analyst:	Hanks
MS/MSD #:	9811B1006
Sample Conc.:	N.D.
Prepared Date:	11/20/98
Analyzed Date:	11/20/98
Instrument I.D.#:	MV2
Conc. Spiked:	4.3 mg/Kg
Result:	4.5
MS % Recovery:	105
Dup. Result:	4.4
MSD % Recov.:	102
RPD:	2.2
RPD Limit:	0-30

LCS #:	BLK112097
Prepared Date:	11/20/98
Analyzed Date:	11/20/98
Instrument I.D.#:	MV2
Conc. Spiked:	4.3 mg/Kg
LCS Result:	4.3
LCS % Recov.:	100

MS/MSD LCS Control Limits	75-125

SEQUOIA ANALYTICAL

Mei Mei Shin
Project Manager

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** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

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Environmental Resolutions
74 Digital Drive, Ste. 6
Novato, CA 94949
Attention: Michael Laskowski

Client Project ID: Exxon 7-3567/243102X
Matrix: Solid
Work Order #: 9811B10
Reported: Dec 1, 1998

QUALITY CONTROL DATA REPORT

Analyte:	1,1-Dichloro-ethene	Trichloro-ethene	Chloro-Benzene
QC Batch#:	SP1116988010EXA	SP1116988010EXA	SP1116988010EXA
Analy. Method:	EPA 8010	EPA 8010	EPA 8010
Prep. Method:	EPA 5030	EPA 5030	EPA 5030
Analyst:	P. Kosovskaya	P. Kosovskaya	P. Kosovskaya
MS/MSD #:	8111084	8111084	8111084
Sample Conc.:	N.D.	N.D.	N.D.
Prepared Date:	11/16/98	11/16/98	11/16/98
Analyzed Date:	11/16/98	11/16/98	11/16/98
Instrument I.D.#:	HP7	HP7	HP7
Conc. Spiked:	1000 µg/Kg	1000 µg/Kg	1000 µg/Kg
Result:	750	790	690
MS % Recovery:	75	79	69
Dup. Result:	800	780	760
MSD % Recov.:	80	78	76
RPD:	6.5	1.3	9.7
RPD Limit:	0-25	0-25	0-25
LCS #:	LCS111998	LCS111998	LCS111998
Prepared Date:	11/19/98	11/19/98	11/19/98
Analyzed Date:	11/19/98	11/19/98	11/19/98
Instrument I.D.#:	HP7	HP7	HP7
Conc. Spiked:	1000 µg/Kg	1000 µg/Kg	1000 µg/Kg
LCS Result:	940	960	950
LCS % Recov.:	94	96	95
MS/MSD Control Limits	60-140	60-140	60-140
LCS Control Limits	65-135	70-130	70-130

SEQUOIA ANALYTICAL
ELAP #1271

Mei Mei Shin
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

Sequoia Analytical

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Environmental Resolutions
74 Digital Drive , Suite 6
ovato, CA 94949
ttention: Michael Laskowski

Client Proj. ID: Exxon 7-3567/243102X
Lab Proj. ID: 9811B10

Received: 11/16/98
Reported: 11/25/98

LABORATORY NARRATIVE

In order to properly interpret this report, it must be reproduced in its entirety. This report contains a total of_____ pages including the laboratory narrative, sample results, quality control, and related documents as required (cover page, COC, raw data, etc.).

SEQUOIA ANALYTICAL

Mei Shin
roject Manager

Sequoia Analytical
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Redwood City, CA 94063
(650) 364-9600 • FAX (650) 364-9233

EXXON COMPANY, U.S.A.

P.O. Box 2180, Houston, TX 77002-7420

CHAIN OF CUSTODY

Page 1 of 2

Consultant's Name: Environmental Resolutions Inc.		
Address: 74 Digital Drive Suite 6 Novato, CA 94949		**Site Location:** 3192 Santa Rita Rd
Project #:	**Consultant Project #:** 243102.x	**Consultant Work Release #:** 19828545
Project Contact: Michael Lackowski	**Phone #:** (415) 382-9105	**Laboratory Work Release #:**
EXXON Contact: Marla Guenzler	**Phone #:** (925) 246-8776	**EXXON RAS #:** 7-3567
Sampled by (print): Jennifer Schmidt	**Sampler's Signature:** J. Schmidt	Pleasanton, CA
Shipment Method:	**Air Bill #:**	

TAT: ☐ 24 hr ☐ 48 hr ☐ 72 hr ☒ 96 hr ☐ Standard (10 day)

98-11-B10

Sample Description	Collection Date	Collection Time	Matrix Soil/Water/Air	Prsv	# of Cont.	Sequoia's Sample #	TPH/Gas BTEX/ 8015/ 8020	TPH/ Diesel EPA 8015	TRPH S.M. 5520	HVOC 8010/ 601	MTBE 8020	Temperature: Inbound Seal: Yes No Outbound Seal: Yes No
S-20-B3	11/12/98	0845	Soil		1		Hold					
S-25-B3		0853			1		*	*			*	
S-30-B3		0907			1		Hold					
S-35-B3		1220			1		Hold					
SP1-1		1500			1				X			
SP1-2		1500			1				X			
SP1-3		1500			1				X			
SP1-4		1500			1				X			

Composite

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
[signature] EETI	11/16/98	1057	[signature] ISEQ	11/16	1057	
[signature] ISEQ	11/16/98					

Pink - Client
Yellow - Sequoia
White - Sequoia

Sequoia Analytical
680 Chesapeake Dr.
Redwood City, CA 94063
(650) 364-9600 • FAX (650) 364-9233

EXXON COMPANY, U.S.A.

P.O. Box 2180, Houston, TX 77002-7426

CHAIN OF CUSTODY

Page 2 of 2

Consultant's Name: Environmental Resolutions Inc		
Address: 74 Digital Drive Suite 6 Novato, CA 94949		**Site Location:** 3192 Santa Rita Rd
Project #:	**Consultant Project #:** 243102.4	**Consultant Work Release #:** 19828546
Project Contact: Michael Laskowski	**Phone #:** (415) 382-9105	**Laboratory Work Release #:**
EXXON Contact: Marla Guenzler	**Phone #:** (925) 246-8796	**EXXON RAS #:** 7-3567
Sampled by (print): Jennifer Schultz	**Sampler's Signature:** Jen Schultz	Pleasanton, CA
Shipment Method:	**Air Bill #:**	

TAT: ☐ 24 hr ☐ 48 hr ☐ 72 hr ☒ 96 hr ☐ Standard (10 day)

Sample Description	Collection Date	Collection Time	Matrix Soil/Water/Air	Prsv	# of Cont.	Sequoia's Sample #	ANALYSIS REQUIRED: TPH/Gas BTEX/ 8015/ 8020	TPH/ Diesel EPA 8015	TRPH S.M. 5520	MTBE 8020		Temperature:_____ Inbound Seal: Yes No Outbound Seal: Yes No
S-5-B4	11/12/98	1004	Soil	NA	1		HOLD Hold					
S-10-B4		1008			1							
S-15-B4		1014			1		*	*		*		
S-21-B4		1026			1		HOLD		MC 11/17/98			
S-25-B4		1042			1		*	*		*		
S-30-B4		1109			1		Hold					
S-35-B4		1136			1		Hold					
S-30-B3		0831			1		Hold					
S-15-B3		0837			1		*	*		*		

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
FTC	11/16/98	1657	Seq.	11/16	1657	
Seq.	11/16/98					

Pink - Client
Yellow - Sequoia
White - Sequoia

Sequoia Analytical

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Environmental Resolutions
74 Digital Drive , Suite 6
ovato, CA 94949

Attention: Michael Laskowski

Client Proj. ID: Exxon 7-3567, 243102
Sample Descript: W-22-MW1
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9811B76-01

Sampled: 11/17/98
Received: 11/18/98
Extracted: 11/19/98
Analyzed: 11/20/98
Reported: 11/25/98

Batch Number: GC1119980HBPEXB
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	96

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mei Shin
Project Manager

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Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
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Environmental Resolutions
74 Digital Drive , Suite 6
Novato, CA 94949

Attention: Michael Laskowski

Client Proj. ID: Exxon 7-3567, 243102
Sample Descript: W-22-MW1
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9811B76-01

Sampled: 11/17/98
Received: 11/18/98

Analyzed: 11/18/98
Reported: 11/25/98

QC Batch Number: GC111898BTEX21A
Instrument ID: GCHP21

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	105

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mei Mei Shin
Project Manager

Sequoia Analytical

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Environmental Resolutions
74 Digital Drive , Suite 6
Novato, CA 94949

Attention: Michael Laskowski

Client Proj. ID: Exxon 7-3567, 243102
Sample Descript: W-34-MW2
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9811B76-02

Sampled: 11/17/98
Received: 11/18/98
Extracted: 11/19/98
Analyzed: 11/20/98
Reported: 11/25/98

QC Batch Number: GC1119980HBPEXB
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	50	91
Chromatogram Pattern: Unidentified HC		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	89

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mei Mei Shin
Project Manager

Sequoia Analytical

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Environmental Resolutions
74 Digital Drive , Suite 6
Novato, CA 94949

Attention: Michael Laskowski

Client Proj. ID: Exxon 7-3567, 243102
Sample Descript: W-34-MW2
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9811B76-02

Sampled: 11/17/98
Received: 11/18/98

Analyzed: 11/18/98
Reported: 11/25/98

QC Batch Number: GC111898BTEX21A
Instrument ID: GCHP21

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	17
Benzene	0.50	1.5
Toluene	0.50	0.50
Ethyl Benzene	0.50	0.98
Xylenes (Total)	0.50	2.6
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	102

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mei Mei Shin
Project Manager

Sequoia Analytical

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Environmental Resolutions
74 Digital Drive , Suite 6
Novato, CA 94949

Attention: Michael Laskowski

Client Proj. ID: Exxon 7-3567, 243102
Sample Descript: W-34-MW2
Matrix: LIQUID
Analysis Method: EPA 8260
Lab Number: 9811B76-02

Sampled: 11/17/98
Received: 11/18/98

Analyzed: 11/23/98
Reported: 11/25/98

QC Batch Number: MS112198MTBEH6A
Instrument ID: H6

Methyl t-Butyl Ether (MTBE)

Analyte	Detection Limit ug/L	Sample Results ug/L
Methyl t-Butyl Ether	2.0	23

Surrogates	Control Limits %		% Recovery
1,2-Dichloroethane-d4	76	114	106

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mei Mei Shin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (925) 988-9600, FAX (925) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100
1455 McDowell Blvd. North, Ste. D, Petaluma, CA 94954, (707) 792-1865, FAX (707) 792-0342

Environmental Resolutions
74 Digital Drive , Suite 6
Novato, CA 94949

Attention: Michael Laskowski

Client Proj. ID: Exxon 7-3567, 243102
Sample Descript: W-39-MW3
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9811B76-03

Sampled: 11/17/98
Received: 11/18/98
Extracted: 11/19/98
Analyzed: 11/20/98
Reported: 11/25/98

QC Batch Number: GC1119980HBPEXB
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	50	120
Chromatogram Pattern: Unidentified HC		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	96

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Ai-Mei Shin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
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Environmental Resolutions
74 Digital Drive , Suite 6
Novato, CA 94949

Attention: Michael Laskowski

Client Proj. ID: Exxon 7-3567, 243102
Sample Descript: W-39-MW3
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9811B76-03

Sampled: 11/17/98
Received: 11/18/98

Analyzed: 11/18/98
Reported: 11/25/98

QC Batch Number: GC111898BTEX21A
Instrument ID: GCHP21

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	180
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	97

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mei Shin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
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1455 McDowell Blvd. North, Ste. D, Petaluma, CA 94954, (707) 792-1865, FAX (707) 792-0342

Environmental Resolutions	Client Proj. ID: Exxon 7-3567, 243102	Sampled: 11/17/98
74 Digital Drive , Suite 6	Sample Descript: W-39-MW3	Received: 11/18/98
Novato, CA 94949	Matrix: LIQUID	
	Analysis Method: EPA 8260	Analyzed: 11/23/98
Attention: Michael Laskowski	Lab Number: 9811B76-03	Reported: 11/25/98

QC Batch Number: MS112198MTBEH6A
Instrument ID: H6

Methyl t-Butyl Ether (MTBE)

Analyte	Detection Limit ug/L	Sample Results ug/L
Methyl t-Butyl Ether	4.0	220

Surrogates	Control Limits %		% Recovery
1,2-Dichloroethane-d4	76	114	111

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mei Mei Shin
Project Manager

Sequoia Analytical

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1455 McDowell Blvd. North, Ste. D, Petaluma, CA 94954, (707) 792-1865, FAX (707) 792-0342

Environmental Resolutions	Client Proj. ID: Exxon 7-3567, 243102	Sampled: 11/17/98
74 Digital Drive , Suite 6	Sample Descript: W-49-MW4	Received: 11/18/98
Novato, CA 94949	Matrix: LIQUID	Extracted: 11/19/98
	Analysis Method: EPA 8015 Mod	Analyzed: 11/20/98
Attention: Michael Laskowski	Lab Number: 9811B76-04	Reported: 11/25/98

QC Batch Number: GC1119980HBPEXB
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	50	72
Chromatogram Pattern:		
Unidentified HC		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	105

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mei-Mei Shin
Project Manager

Sequoia Analytical

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1455 McDowell Blvd. North, Ste. D, Petaluma, CA 94954, (707) 792-1865, FAX (707) 792-0342

Environmental Resolutions
74 Digital Drive , Suite 6
Novato, CA 94949

Attention: Michael Laskowski

Client Proj. ID: Exxon 7-3567, 243102
Sample Descript: W-49-MW4
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9811B76-04

Sampled: 11/17/98
Received: 11/18/98

Analyzed: 11/18/98
Reported: 11/25/98

QC Batch Number: GC111898BTEX21A
Instrument ID: GCHP21

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	4.1
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	101

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mei Mei Shin
Project Manager

Sequoia Analytical

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Environmental Resolutions
74 Digital Drive , Suite 6
Novato, CA 94949

Attention: Michael Laskowski

Client Proj. ID: Exxon 7-3567, 243102
Sample Descript: W-49-MW4
Matrix: LIQUID
Analysis Method: EPA 8260
Lab Number: 9811B76-04

Sampled: 11/17/98
Received: 11/18/98

Analyzed: 11/23/98
Reported: 11/25/98

QC Batch Number: MS112198MTBEH6A
Instrument ID: H6

Methyl t-Butyl Ether (MTBE)

Analyte	Detection Limit ug/L	Sample Results ug/L
Methyl t-Butyl Ether	2.0	3.5

Surrogates	Control Limits %		% Recovery
1,2-Dichloroethane-d4	76	114	110

Values reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Edlei Shin
Project Manager

Sequoia Analytical

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Environmental Resolutions
74 Digital Drive, Ste. 6
Novato, CA 94949
Attention: Michael Laskowski

Client Project ID: Exxon 7-3567, 243102
Matrix: Liquid
Work Order #: 9811B76 02-04
Reported: Dec 1, 1998

QUALITY CONTROL DATA REPORT

Analyte:	MTBE
QC Batch#:	MS112198MTBEH6A
Analy. Method:	EPA 8260
Prep. Method:	
Analyst:	L. Zhu
MS/MSD #:	9811B3602
Sample Conc.:	N.D.
Prepared Date:	11/21/98
Analyzed Date:	11/21/98
Instrument I.D.#:	H6
Conc. Spiked:	50 µg/L
Result:	45
MS % Recovery:	90
Dup. Result:	48
MSD % Recov.:	96
RPD:	6.5
RPD Limit:	0-25

LCS #:	LCS112398
Prepared Date:	11/23/98
Analyzed Date:	11/23/98
Instrument I.D.#:	H6
Conc. Spiked:	50 µg/L
LCS Result:	50
LCS % Recov.:	100

MS/MSD	60-140
LCS	70-130
Control Limits	

SEQUOIA ANALYTICAL

Mei Mei Shin
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

Sequoia Analytical

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Environmental Resolutions
74 Digital Drive, Suite 6
Novato, CA 94949
Attention: Michael Laskowski

Client Project ID: Exxon 7-3567, 243102

QC Sample Group: 9811B76-01-04

Reported: Nov 25, 1998

QUALITY CONTROL DATA REPORT

Matrix:	Liquid
Method:	EPA 8015A
Analyst:	G.WARDLE
ANALYTE	Diesel

QC Batch #: GC1119980HBPEX8

Sample No.:	9811533-1
Date Prepared:	11/19/98
Date Analyzed:	11/19/98
Instrument I.D.#:	GCHP5B
Sample Conc., ug/L:	210
Conc. Spiked, ug/L:	1000
Matrix Spike, ug/L:	950
% Recovery:	74
Matrix Spike Duplicate, ug/L:	910
% Recovery:	70
Relative % Difference:	5.6
RPD Control Limits:	0-50

LCS Batch#: BLK111998BS

Date Prepared:	11/19/98
Date Analyzed:	11/19/98
Instrument I.D.#:	GCHP5B
Conc. Spiked, ug/L:	1000
Recovery, ug/L:	750
LCS % Recovery:	75

Percent Recovery Control Limits:

MS/MSD	50-150
LCS	60-140

Quality Assurance Statement: All standard operating procedures and quality control requirements have been met.

SEQUOIA ANALYTICAL

Kayvan Kimyai
Project Manager

Please Note:
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

Sequoia Analytical

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Environmental Resolutions
74 Digital Drive, Suite 6
Novato, CA 94949
Attention: Michael Laskowski

Client Project ID: Exxon 7-3567, 243102

QC Sample Group: 9811B76-01-04

Reported: Nov 25, 1998

QUALITY CONTROL DATA REPORT

Matrix:	Liquid			
Method:	EPA 8020			
Analyst:	MM			
ANALYTE	Benzene	Toluene	Ethylbenzene	Xylenes
QC Batch #:	GC111898BTEX21A			
Sample No.:	GW9811737-5			
Date Prepared:	11/18/98	11/18/98	11/18/98	11/18/98
Date Analyzed:	11/18/98	11/18/98	11/18/98	11/18/98
Instrument I.D.#:	GCHP21	GCHP21	GCHP21	GCHP21
Sample Conc., ug/L:	N.D.	N.D.	N.D.	N.D.
Conc. Spiked, ug/L:	10	10	10	30
Matrix Spike, ug/L:	10	11	11	34
% Recovery:	100	110	110	113
Matrix Spike Duplicate, ug/L:	9.7	10	10	31
% Recovery:	97	100	100	103
Relative % Difference:	3.0	9.5	9.5	9.3
RPD Control Limits:	0-25	0-25	0-25	0-25

LCS Batch#:	GC111898BTEX21A			
Date Prepared:	11/18/98	11/18/98	11/18/98	11/18/98
Date Analyzed:	11/18/98	11/18/98	11/18/98	11/18/98
Instrument I.D.#:	GCHP21	GCHP21	GCHP21	GCHP21
Conc. Spiked, ug/L:	10	10	10	30
LCS Recovery, ug/L:	11	10	11	33
LCS % Recovery:	110	100	110	110

Percent Recovery Control Limits:

MS/MSD	60-140	60-140	60-140	60-140
LCS	70-130	70-130	70-130	70-130

Quality Assurance Statement: All standard operating procedures and quality control requirements have been met.

SEQUOIA ANALYTICAL

Kayvan Kimyai
Project Manager

Please Note:
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

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Environmental Resolutions
74 Digital Drive , Suite 6
Novato, CA 94949
Attention: Michael Laskowski

Client Proj. ID: Exxon 7-3567, 243102
Lab Proj. ID: 9811B76

Received: 11/18/98
Reported: 11/25/98

LABORATORY NARRATIVE

In order to properly interpret this report, it must be reproduced in its entirety. This report contains a total of 16 pages including the laboratory narrative, sample results, quality control, and related documents as required (cover page, COC, raw data, etc.).

SEQUOIA ANALYTICAL

Mei Shin
Project Manager

9811B76

EXXON COMPANY, U.S.A.

...nd Dr.
...dwood City, CA 94063
(650) 364-9600 • FAX (650) 364-9233

P.O. Box 2180, Houston, TX 77002-7426

CHAIN OF CUSTODY

Page 1 of 1

Consultant's Name: Environmental Resolutions Inc.		
Address: 74 Digital Dr. #6 Novato Ca 94949		Site Location: 3192 Santa Rita
Project #:	Consultant Project #: 24302	Consultant Work Release #: 19828545
Project Contact: Michael Jaskowski	Phone #: (415) 382-9105	Laboratory Work Release #:
EXXON Contact: Marla Guenster	Phone #: (510) 246-8776	EXXON RAS #: 7-3567
Sampled by (print): Jim Chappell	Sampler's Signature:	Pleasanton, Ca
Shipment Method:	Air Bill #:	

TAT: ☒ 24 hr ☐ 48 hr ☐ 72 hr ☐ 96 hr ☐ Standard (10 day)

ANALYSIS REQUIRED

Sample Description	Collection Date	Collection Time	Matrix Soil/Water/Air	Prsv	# of Cont.	Sequoia's Sample #	TPH/Gas BTEX/ 8015/ 8020	TPH/ Diesel EPA 8015	TRPH S.M. 5520	MTBE 8020		Temperature: _____ Inbound Seal: Yes No Outbound Seal: Yes No
* W-22-MW1	11/17/98	15:30	Water	HCl	3	01	X			X		Run 8260 if detected using 8020
* W-34-MW2		16:30				02						
* W-39-MW3		15:50				03						
* W-49-MW4		16:10				04	↓			↓		
W-22-MW1		15:40		NA	2			X				
W-34-MW2		16:40										
W-39-MW3		16:00										
W-49-MW4	↓	16:20	↓	↓	↓			↓				

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
Jim Chappell / ERI	11/18/98	11:20	Charles Chinsthang Sequoia	11/18	11:20	
Sheila Gamboa Sequoia	11-18-98		[illegible]	11/18	1537	

Pink - Client
Yellow - Sequoia
White - Sequoia

Sequoia Analytical

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1455 McDowell Blvd. North, Ste. D, Petaluma, CA 94954, (707) 792-1865, FAX (707) 792-0342

Environmental Resolutions	Client Proj. ID: Exxon 7-3567, 243102	Sampled: 10/30/98
74 Digital Drive , Suite 6	Sample Descript: TB2	Received: 11/18/98
Novato, CA 94949	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 11/18/98
Attention: Michael Lawskowski	Lab Number: 9811B69-01	Reported: 11/21/98

Batch Number: GC111898BTEX21A
Instrument ID: GCHP21

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	119

Values reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Edmel Shin
Project Manager

Sequoia Analytical

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1455 McDowell Blvd. North, Ste. D, Petaluma, CA 94954, (707) 792-1865, FAX (707) 792-0342

Environmental Resolutions	Client Proj. ID: Exxon 7-3567, 243102	Sampled: 11/17/98
74 Digital Drive , Suite 6	Sample Descript: W-BB-MW1	Received: 11/18/98
[illegible]ovato, CA 94949	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 11/18/98
Attention: Michael Lawskowski	Lab Number: 9811B69-02	Reported: 11/21/98

QC Batch Number: GC111898BTEX21A
Instrument ID: GCHP21

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	105

[illegible]tes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

[illegible]Mei Shin
[illegible]ect Manager

Sequoia Analytical

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Environmental Resolutions
74 Digital Drive , Suite 6
Novato, CA 94949

Attention: Michael Lawskowski

Client Proj. ID: Exxon 7-3567, 243102
Sample Descript: W-BB-MW1
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9811B69-02

Sampled: 11/17/98
Received: 11/18/98
Extracted: 11/19/98
Analyzed: 11/20/98
Reported: 11/21/98

QC Batch Number: GC1119980HBPEXB
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	92

Values reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Jennifer Mei Shin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
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Environmental Resolutions
4 Digital Dr. Ste.6
Novato, CA 94949
Attention: Mark Lawskowski

Client Project ID: Exxon 7-3567,243102

QC Sample Group: 9811B69-01-02

Reported: Nov 21, 1998

QUALITY CONTROL DATA REPORT

Matrix:	Liquid				
Method:	EPA 8020				
Analyst:	MM				
ANALYTE	Benzene	Toluene	Ethylbenzene	Xylenes	
QC Batch #:	GC111898BTEX21A				
Sample No.:	GW9811737-5				
Date Prepared:	11/18/98	11/18/98	11/18/98	11/18/98	
Date Analyzed:	11/18/98	11/18/98	11/18/98	11/18/98	
Instrument I.D.#:	GCHP21	GCHP21	GCHP21	GCHP21	
Sample Conc., ug/L:	N.D.	N.D.	N.D.	N.D.	
Conc. Spiked, ug/L:	10	10	10	30	
Matrix Spike, ug/L:	10.0	11	11	34	
% Recovery:	100.0	110	110	113	
Matrix pike Duplicate, ug/L:	9.7	10.0	10.0	31	
% Recovery:	97	100.0	100.0	103	
elative % Difference:	3.0	9.5	9.5	9.3	
RPD Control Limits:	0-25	0-25	0-25	0-25	

LCS Batch#:	GC111898BTEX21A				
Date Prepared:	11/18/98	11/18/98	11/18/98	11/18/98	
Date Analyzed:	11/18/98	11/18/98	11/18/98	11/18/98	
Instrument I.D.#:	GCHP21	GCHP21	GCHP21	GCHP21	
Conc. Spiked, ug/L:	10	10	10	30	
LCS Recovery, ug/L:	11	10.0	11	33	
LCS % Recovery:	110	100.0	110	110	

Percent Recovery Control Limits:

MS/MSD	60-140	60-140	60-140	60-140
LCS	70-130	70-130	70-130	70-130

Quality Assurance Statement: All standard operating procedures and quality control requirements have been met.

SEQUOIA ANALYTICAL

Mei Mei Shin
Project Manager

Please Note:
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (925) 988-9600, FAX (925) 988-9673
819 Striker Avenue, Suite B, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100
1455 McDowell Blvd. North, Ste. D, Petaluma, CA 94954, (707) 792-1865, FAX (707) 792-0342

Environmental Resolutions
74 Digital Dr. Ste.6
Navoto, CA 94949
Attention: Mark Lawskowski

Client Project ID: Exxon 7-3567,243102

QC Sample Group: 9811B69-01

Reported: Nov 21, 1998

QUALITY CONTROL DATA REPORT

Matrix:	Liquid
Method:	EPA 8015A
Analyst:	G.WARDLE
ANALYTE	Diesel

QC Batch #: GC1119980HBPEXB

Sample No.:	9811533-1
Date Prepared:	11/19/98
Date Analyzed:	11/19/98
Instrument I.D.#:	GCHP5B
Sample Conc., ug/L:	210
Conc. Spiked, ug/L:	1000
Matrix Spike, ug/L:	950
% Recovery:	74
Matrix pike Duplicate, ug/L:	910
% Recovery:	70
elative % Difference:	5.6
RPD Control Limits:	0-50

LCS Batch#: BLK111998BS

Date Prepared:	11/19/98
Date Analyzed:	11/19/98
Instrument I.D.#:	GCHP5B
Conc. Spiked, ug/L:	1000
Recovery, ug/L:	750
LCS % Recovery:	75

Percent Recovery Control Limits:

MS/MSD	50-150
LCS	60-140

Quality Assurance Statement: All standard operating procedures and quality control requirements have been met.

SEQUOIA ANALYTICAL

Mei Mei Shin
Project Manager

Please Note:
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

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Environmental Resolutions
74 Digital Drive , Suite 6
Novato, CA 94949
Attention: Michael Lawskowski

Client Proj. ID: Exxon 7-3567, 243102
Lab Proj. ID: 9811B69

Received: 11/18/98
Reported: 11/21/98

LABORATORY NARRATIVE

In order to properly interpret this report, it must be reproduced in its entirety. This report contains a total of_____ pages including the laboratory narrative, sample results, quality control, and related documents as required (cover page, COC, raw data, etc.).

SEQUOIA ANALYTICAL

Mei Shin
Project Manager

ENVIRONMENTAL RESOLUTIONS, INC

TRANSMITTAL

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

DATE: May 25, 2000
PROJECT: 243103X
SUBJECT: Exxon Service Station 7-3567
3192 Santa Rita Road
Pleasanton, California

FROM: James F. Chappell
TITLE: Senior Staff Scientist

WE ARE SENDING YOU:

COPIES	DATED	DESCRIPTION
1	May 17, 2000	Work Plan For Soil and Groundwater Investigation at Exxon Service Station 7-3567

THESE ARE TRANSMITTED as checked below:

[ ] For review and comment	[ ] Approved as submitted	[ ] Resubmit __ copies for approval
[X] As requested	[ ] Approved as noted	[ ] Submit__ copies for distribution
[X] For approval	[ ] Return for corrections	[ ] Return __ corrected prints
[X] For your files	[ ] For distribution to regulatory agencies	

REMARKS: At the request of ExxonMobil Refining and Supply (formerly known as Exxon Company, U.S.A.), ERI is forwarding 1 copy of the above referenced Work Plan. Please call James Chappell at (415) 382-4323 with any questions regarding this project.

James F. Chappell, Senior Staff Scientist

cc: Mr. Darin L. Rouse – ExxonMobil Refining and Supply (w/o attachment)
Mr. Stephen Hill – California Regional Water Quality Control Board-San Francisco Bay Region.
1 to ERI project file 243103X

ENVIRONMENTAL RESOLUTIONS, INC.

TRANSMITTAL

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

DATE: March 14,, 2000
PROJECT NUMBER: 243103X
SUBJECT: Exxon Service Station 7-3567
3192 Santa Rita Road
Pleasanton, California

FROM: James F. Chappell
TITLE: Senior Staff Scientist

WE ARE SENDING YOU:

COPIES	DATED	DESCRIPTION
1	**December 26, 1998**	**Baseline Environmental Investigation at Exxon Service Station 7-3567**

THESE ARE TRANSMITTED as checked below:

[X] For review and comment	[ ] Approved as submitted	[ ] Resubmit __ copies for approval
[X] As requested	[ ] Approved as noted	[ ] Submit__ copies for distribution
[ ] For approval	[ ] Return for corrections	[ ] Return __ corrected prints
[X] For your files	[ ] For distribution to regulatory agencies	

REMARKS: At the request of Exxon Company, U.S.A., ERI is forwarding 1 copy of the above referenced report. Please call James Chappell at (415) 382-4323 with any questions regarding this project.

James F. Chappell, Senior Staff Scientist

cc: Mr. Darin L. Rouse – Exxon Company, U.S.A.
1 to ERI project file 243103X

Sequoia Analytical
680 Chesapeake Dr.
Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

[redacted] ON [redacted] OM [redacted] NY [redacted] S.A [redacted]
P.O. Box 2180, Houston, TX 77002-7426

98112 [redacted]

CHAIN OF CUSTODY

Page 1 of 1

Consultant's Name: Environmental Resolutions Inc.		
Address: 74 Digital Dr. #6 Novato Ca 94949		**Site Location:** 3192 Santa Rita
Project #:	**Consultant Project #:** 273102	**Consultant Work Release #:** 19828545
Project Contact: Michael Jawskowski	**Phone #:** (415) 382-9105	**Laboratory Work Release #:**
EXXON Contact: Marla Guensler	**Phone #:** (510) 246-8776	**EXXON RAS #:** 7-3567
Sampled by (print): Jim Chappell	**Sampler's Signature:**	Pleasanton, Ca
Shipment Method:	**Air Bill #:**	

TAT: ☒ 24 hr ☐ 48 hr ☐ 72 hr ☐ 96 hr ☐ Standard (10 day)

ANALYSIS REQUIRED

Sample Description	Collection Date	Collection Time	Matrix Soil/Water/Air	Prsv	# of Cont.	Sequoia's Sample #	TPH/Gas BTEX/ 8015/ 8020	TPH/ Diesel EPA 8015	TRPH S.M. 5520	MTBE 8020		Temperature: _____ Inbound Seal: Yes No Outbound Seal: Yes No
TBL MW		AM	water	HCL	1	01	X			X		8260
W-BB-mw1	11/17/98	15:10		HCL	1	02	X			X		is detected
W-BB-mw1	11/17/98	15:20	V	NA	1	03		X				

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
[signature] / ERI	11/18/98	11:25	Charles Grimston / Sequoia	11/18/98	11:25	
Charles Grimston / Sequoia			Noelle Lane / Sequoia	11/18/98	1537	

Pink - Client
Yellow - Sequoia
White - Sequoia

SEQ 18 03